REPORT

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Pre-Design Investigation Report for the Lyman Street Area Removal Action

Volume III of III

General Electric Company
Pittsfield, Massachusetts

April 2003

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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Table of Contents

Appendix B – Continued

Soil Analytical Results

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TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	B-1 ROB1B0406 4-6 11/21/91	B-2 ROB2B0002 0-2 11/22/91	E-1 ROE1B1012 10-12 03/26/91	E-1 ROE1B1012 10-12 11/03/91	E-2 ROE2B0810 8-10 03/25/91	E-2 ROE2B1012 10-12 03/25/91
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.0060)	NA	ND(0.0080)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.013)	NA	ND(0.015)	NA
1,1,1-Trichloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,1,2,2-Tetrachloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.013)	NA	ND(0.015)	NA
1,1,2-Trichloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,1-Dichloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,1-Dichloroethene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,2,3-Trichloropropane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.019)	NA	ND(0.023)	NA
1,2-Dibromo-3-chloropropane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.013)	NA	ND(0.015)	NA
1,2-Dibromoethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.0060)	NA	ND(0.0080)	NA
1,2-Dichloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,2-Dichloroethene (total)	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,2-Dichloropropane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
1,4-Dioxane	NA	NA	NA	NA	NA	NA
2-Butanone	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
2-Hexanone	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.019)	NA	ND(0.023)	NA
3-Chloropropene	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.019)	NA	ND(0.023)	NA
4-Methyl-2-pentanone	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.019)	NA	ND(0.023)	NA
Acetone	0.023 B [0.024 B]	0.046 B	0.053 B	NA	0.023 B	NA
Acetonitrile	NA	NA	NA	NA	NA	NA
Acrolein	ND(0.11) [ND(0.11)]	ND(0.13)	ND(0.11)	NA	ND(0.14)	NA
Acrylonitrile	ND(0.14) [ND(0.14)]	ND(0.18)	ND(0.15)	NA	ND(0.18)	NA
Benzene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Bromodichloromethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Bromoform	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
Bromomethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Carbon Disulfide	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Carbon Tetrachloride	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Chlorobenzene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Chloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
Chloroform	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Chloromethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
cis-1,4-Dichloro-2-butene	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.019)	NA	ND(0.023)	NA
Crotonaldehyde	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.13)	NA	ND(0.15)	NA
Dibromochloromethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Dibromomethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.013)	NA	ND(0.015)	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.0060)	NA	NA	NA	ND(0.015)	NA
Ethylbenzene	ND(0.012) [ND(0.012)]	0.0050 J	ND(0.0060)	NA	ND(0.0080)	NA
Iodomethane	ND(0.12) [ND(0.12)]	ND(0.15)	ND(0.013)	NA	ND(0.015)	NA
Isobutanol	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.032 B [0.051 B]	0.10 B	0.061 B	NA	0.056 B	NA
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA	NA
Styrene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Tetrachloroethene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Toluene	0.0040 J [0.0020 J]	0.0070 J	ND(0.0060)	NA	ND(0.0080)	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
trans-1,4-Dichloro-2-butene	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.019)	NA	ND(0.023)	NA
Trichloroethene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)	NA
Trichlorofluoromethane	ND(0.0060) [ND(0.0060)]	ND(0.0070)	ND(0.0060)	NA	ND(0.0080)	NA
Vinyl Acetate	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
Vinyl Chloride	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)	NA
Xylenes (total)	ND(0.013) [ND(0.013)]	ND(0.012)	ND(0.0060)	NA	ND(0.0080)	NA

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Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2,3,5-Tetrachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2,3-Trichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2,4,5-Tetrachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2,4-Trichlorobenzene	ND(0.39) [0.054 J]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,2-Diphenylhydrazine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,3,5-Trichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,3,5-Trinitrobenzene	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
1,3-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,3-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1,4-Dinitrobenzene	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
1,4-Naphthoquinone	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
1-Chloronaphthalene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
1-Methylnaphthalene	0.050 J [0.80]	0.21 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
1-Naphthylamine	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2,3,4,6-Tetrachlorophenol	ND(0.79) [0.059 J]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2,4,5-Trichlorophenol	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2,4,6-Trichlorophenol	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2,4-Dichlorophenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2,4-Dimethylphenol	ND(0.39) [0.054 J]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2,4-Dinitrophenol	ND(1.6) [ND(1.6)]	ND(1.9)	ND(1.6)	NA	ND(2.0)	ND(2.0)
2,4-Dinitrotoluene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2,6-Dichlorophenol	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2,6-Dinitrotoluene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Acetylaminofluorene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Chloronaphthalene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Chlorophenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Methylnaphthalene	ND(0.39) [0.60]	0.11 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Methylphenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Naphthylamine	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
2-Nitroaniline	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Nitrophenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Phenylenediamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
2-Picoline	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
3&4-Methylphenol	ND(0.39) [0.11 J]	0.050 J	NA	NA	ND(0.50)	NA
3,3'-Dichlorobenzidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
3,3'-Dimethoxybenzidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
3,3'-Dimethylbenzidine	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
3-Methylcholanthrene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
3-Methylphenol	NA	NA	ND(0.41)	NA	NA	ND(0.50)
3-Nitroaniline	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
3-Phenylenediamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4,4'-Methylene-bis(2-chloroaniline)	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4,6-Dinitro-2-methylphenol	ND(1.2) [ND(1.2)]	ND(1.5)	ND(1.2)	NA	ND(1.5)	ND(1.5)
4-Aminobiphenyl	ND(0.39) [0.059]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Bromophenyl-phenylether	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Chloro-3-Methylphenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Chloroaniline	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Chlorobenzilate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Chlorophenyl-phenylether	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Methylphenol	NA	NA	ND(0.41)	NA	NA	ND(0.50)
4-Nitroaniline	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
4-Nitrophenol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA	NA
4-Phenylenediamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
5-Nitro-o-toluidine	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
7,12-Dimethylbenz(a)anthracene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
a,a'-Dimethylphenethylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Acenaphthene	0.050 J [1.6]	0.27 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Acenaphthylene	0.16 J [0.59]	0.75	ND(0.41)	NA	ND(0.50)	ND(0.50)
Acetophenone	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)

TABLE B-2
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Semivolatile Organics (continued)						
Aniline	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	0.12 J	0.12 J
Anthracene	0.19 J [10 D]	0.71	ND(0.41)	NA	ND(0.50)	ND(0.50)
Aramite	NA	NA	NA	NA	NA	NA
Benzal chloride	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Benzidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Benzo(a)anthracene	0.51 [5.9]	1.7	0.082 J	NA	0.14 J	0.14 J
Benzo(a)pyrene	0.66 [4.0]	2.1	0.083 J	NA	0.21 J	0.21 J
Benzo(b)fluoranthene	1.1 Z [13 D]	4.2	0.22 JZ	NA	0.42 JX	0.42 JZ
Benzo(g,h,i)perylene	0.35 J [2.5]	1.2	ND(0.41)	NA	0.17 J	0.17 J
Benzo(k)fluoranthene	1.1 Z [4.5]	4.2	0.22 JZ	NA	0.42 JX	0.42 JZ
Benzoic Acid	ND(3.9) [ND(3.9)]	0.085 J	ND(4.1)	NA	ND(5.0)	ND(5.0)
Benzotrichloride	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
Benzyl Alcohol	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Benzyl Chloride	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
bis(2-Chloroethoxy)methane	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
bis(2-Chloroethyl)ether	ND(0.79) [ND(0.79)]	0.069 J	ND(0.82)	NA	ND(0.99)	ND(0.99)
bis(2-Chloroisopropyl)ether	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
bis(2-Ethylhexyl)phthalate	0.055 J [0.15 J]	0.33 J	0.16 J	NA	0.18 J	0.18 J
Butylbenzylphthalate	ND(0.39) [ND(0.39)]	0.30 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Chrysene	0.49 [5.8]	1.5	0.11 J	NA	0.20 J	0.20 J
Cyclophosphamide	ND(1.9) [ND(1.9)]	ND(2.4)	ND(2.0)	NA	ND(2.4)	ND(2.4)
Diallate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Dibenzo(a,h)anthracene	0.12 J [0.69]	0.23 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Dibenzofuran	ND(0.39) [1.8]	0.14 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Diethylphthalate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Dimethoate	[ND(0.010)]	ND(0.010)	NA	NA	ND(0.50)	ND(0.50)
Dimethylphthalate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Di-n-Butylphthalate	ND(0.39) [ND(0.39)]	0.085 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Di-n-Octylphthalate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Diphenylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Ethyl Methacrylate	[ND(0.0060)]	ND(0.0070)	ND(0.013)	NA	NA	ND(0.50)
Ethyl Methanesulfonate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Famphur	NA	NA	NA	NA	NA	NA
Fluoranthene	0.76 [16 D]	3.6	0.11 J	NA	0.27 J	0.27 J
Fluorene	0.079 J [2.7]	0.37 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Hexachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Hexachlorobutadiene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Hexachlorocyclopentadiene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Hexachloroethane	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Indeno(1,2,3-cd)pyrene	0.33 J [2.4]	0.97	ND(0.41)	NA	0.13 J	0.13 J
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Isosafrole	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
Methapyrilene	ND(0.79) [ND(0.79)]	ND(0.98)	ND(0.82)	NA	ND(0.99)	ND(0.99)
Methyl Methanesulfonate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Naphthalene	ND(0.39) [1.4]	0.22 J	ND(0.41)	NA	ND(0.50)	ND(0.50)
Nitrobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosodiethylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosodimethylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitroso-di-n-butylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitroso-di-n-propylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosodiphenylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosomethylethylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosomorpholine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosopiperidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
N-Nitrosopyrrolidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	B-1 ROB1B0406 4-6 11/21/91	B-2 ROB2B0002 0-2 11/22/91	E-1 ROE1B1012 10-12 03/26/91	E-1 ROE1B1012 10-12 11/03/91	E-2 ROE2B0810 8-10 03/25/91	E-2 ROE2B1012 10-12 03/25/91
Semivolatile Organics (continued)						
o-Toluidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Paraldehyde	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
p-Dimethylaminoazobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Pentachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Pentachloroethane	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Pentachloronitrobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Pentachlorophenol	0.72 J [2.5]	0.62 J	ND(0.82)	NA	ND(0.99)	ND(0.99)
Phenacetin	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Phenanthrene	0.50 [13 D]	2.2	0.058 J	NA	0.15 J	0.15 J
Phenol	ND(0.39) [ND(0.39)]	0.051 J	ND(0.41)	NA	0.061 J	0.061 J
Pronamide	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Pyrene	0.77 [13 D]	2.5	ND(0.41)	NA	0.22 J	0.22 J
Pyridine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Safrole	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Thionazin	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)	ND(0.50)
Total Phenols	NA	NA	ND(0.10)	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDD	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)	NA
4,4'-DDE	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)	NA
4,4'-DDT	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)	NA
Aldrin	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Alpha-BHC	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Beta-BHC	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Delta-BHC	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Dieldrin	ND(0.0090) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.0023)	NA
Endosulfan I	ND(0.0090) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.0023)	NA
Endosulfan II	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)	NA
Endosulfan Sulfate	ND(0.012) [ND(0.024)]	ND(0.015)	NA	NA	ND(0.0030)	NA
Endrin	ND(0.015) [ND(0.030)]	ND(0.019)	NA	NA	ND(0.0038)	NA
Endrin Aldehyde	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Gamma-BHC (Lindane)	0.10 [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Heptachlor	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Heptachlor Epoxide	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Isodrin	NA	NA	NA	NA	NA	NA
Kepone	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)	NA
Methoxychlor	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)	NA
Technical Chlordane	ND(0.024) [ND(0.048)]	ND(0.030)	NA	NA	ND(0.0061)	NA
Toxaphene	ND(0.12) [ND(0.24)]	ND(0.15)	NA	NA	ND(0.030)	NA
Organophosphate Pesticides						
Dimethoate	ND(0.010)	NA	ND(0.010)	NA	NA	NA
Disulfoton	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA	NA	NA
Ethyl Parathion	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA	NA	NA
Methyl Parathion	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA	NA	NA
Phorate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA	NA	NA
Sulfotep	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	NA	NA	NA
Herbicides						
2,4,5-T	ND(0.025) [ND(0.025)]	ND(0.025)	ND(0.032)	NA	ND(0.038)	NA
2,4,5-TP	ND(0.025) [ND(0.025)]	ND(0.025)	ND(0.032)	NA	ND(0.038)	NA
2,4-D	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.13)	NA	ND(0.15)	NA
Dinoseb	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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 / Location ID:	B-1	B-2	E-1	E-1	E-2	E-2
Sample ID:	ROB1B0406	ROB2B0002	ROE1B1012	ROE1B1012	ROE2B0810	ROE2B1012
Sample Depth(Feet):	4-6	0-2	10-12	10-12	8-10	10-12
Date Collected:	11/21/91	11/22/91	03/26/91	11/03/91	03/25/91	03/25/91
Furans						
2,3,7,8-TCDF	ND(0.000084) [ND(0.00026)]	0.000069	NA	ND(0.000013)	NA	NA
TCDFs (total)	ND(0.00036) [ND(0.0015)]	0.00034	NA	ND(0.000047)	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA
PeCDFs (total)	ND(0.00094) [0.00081]	0.00040	NA	ND(0.000019)	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
HxCDFs (total)	0.0028 [0.0057]	0.00032	NA	ND(0.000032)	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA
HpCDFs (total)	0.0017 [0.0034]	0.00018	NA	ND(0.000052)	NA	NA
OCDF	0.0019 [0.0044]	0.00016	NA	ND(0.000086)	NA	NA
Dioxins						
2,3,7,8-TCDD	ND(0.000079) [ND(0.00017)]	ND(0.000010)	NA	ND(0.000015)	NA	NA
TCDDs (total)	ND(0.000079) [ND(0.00017)]	ND(0.000010)	NA	ND(0.000015)	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.00017) [ND(0.00013)]	ND(0.000010)	NA	ND(0.000028)	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.00023) [ND(0.00010)]	ND(0.000015)	NA	ND(0.000053)	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA
HpCDDs (total)	ND(0.00014) [ND(0.00013)]	0.00011	NA	ND(0.000048)	NA	NA
OCDD	ND(0.00034) [ND(0.00047)]	0.00045	NA	ND(0.00019)	NA	NA
Total TEQs (WHO TEFs)	NC	NC	NA	NC	NA	NA
Inorganics						
Aluminum	NA	NA	11700	NA	8770	NA
Antimony	NA	NA	ND(5.6)	NA	ND(6.7)	NA
Arsenic	NA	NA	5.6 N	NA	2.6 BN	NA
Barium	NA	NA	45.8 B	NA	38.9 B	NA
Beryllium	NA	NA	0.36 B	NA	ND(0.30)	NA
Cadmium	NA	NA	ND(1.0)	NA	ND(1.2)	NA
Calcium	NA	NA	16400	NA	7260	NA
Chromium	NA	NA	19.6	NA	23.1	NA
Cobalt	NA	NA	4.8 B	NA	8.5 B	NA
Copper	NA	NA	74.7 N	NA	354 N	NA
Cyanide	ND(0.600) [ND(0.600)]	ND(0.750)	0.670	NA	ND(0.760)	NA
Iron	NA	NA	31600	NA	62400	NA
Lead	NA	NA	153	NA	114	NA
Magnesium	NA	NA	6210	NA	5630	NA
Manganese	NA	NA	743	NA	612	NA
Mercury	NA	NA	ND(0.13)	NA	0.14	NA
Nickel	NA	NA	11	NA	63.1	NA
Potassium	NA	NA	1310	NA	831 B	NA
Selenium	NA	NA	ND(0.76)	NA	ND(0.91)	NA
Silver	NA	NA	ND(1.3)	NA	ND(1.5)	NA
Sodium	NA	NA	276 B	NA	186 B	NA
Sulfide	NA	NA	ND(12.6)	NA	ND(15.2)	NA
Thallium	NA	NA	ND(0.76)	NA	ND(0.91)	NA
Tin	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	27.5	NA	45.1	NA
Zinc	NA	NA	119	NA	193	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95	E-7 OE-7B0406 4-6 08/07/95	LS-4 LS-4 6-12 08/26/89
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.011)	NA	NA	NA	NA	NA	NR
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.011)	NA	NA	NA	NA	NA	NR
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,1-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,1-Dichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,2,3-Trichloropropane	ND(0.017)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,2-Dibromoethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,2-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,2-Dichloroethene (total)	ND(0.0060)	NA	NA	NA	NA	NA	NR
1,2-Dichloropropane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
1,4-Dioxane	NA	ND(1.1)	ND(1.2)	ND(1.0)	ND(1.2)	ND(1.1)	NR
2-Butanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	NR
2-Chloro-1,3-butadiene	NA	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	NR
2-Chloroethylvinylether	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.010)
2-Hexanone	ND(0.017)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	NR
3-Chloropropene	ND(0.017)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
4-Methyl-2-pentanone	ND(0.017)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	NR
Acetone	0.019 B	0.011 J	0.015	0.015	0.018 B	0.012	NR
Acetonitrile	NA	ND(0.23)	ND(0.24)	ND(0.20)	ND(0.24)	ND(0.22)	NR
Acrolein	ND(0.10)	ND(0.057)	ND(0.060)	ND(0.051)	ND(0.060)	ND(0.055)	NR
Acrylonitrile	ND(0.13)	ND(0.057)	ND(0.060)	ND(0.051)	ND(0.060)	ND(0.055)	NR
Benzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	0.0040 J
Bromodichloromethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Bromoform	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Bromomethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Carbon Disulfide	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Carbon Tetrachloride	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Chlorobenzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	12 D
Chloroethane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Chloroform	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Chloromethane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
cis-1,2-Dichloroethene	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
cis-1,4-Dichloro-2-butene	ND(0.017)	NA	NA	NA	NA	NA	NR
Crotonaldehyde	ND(0.11)	NA	NA	NA	NA	NA	NR
Dibromochloromethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Dibromomethane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Dichlorodifluoromethane	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Ethyl Methacrylate	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Ethylbenzene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Iodomethane	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Isobutanol	NA	ND(0.46)	ND(0.48)	ND(0.41)	ND(0.48)	ND(0.44)	NR
m&p-Xylene	NA	NA	NA	NA	NA	NA	NR
Methacrylonitrile	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Methyl Methacrylate	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Methylene Chloride	0.025 B	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	0.014
o-Xylene	NA	NA	NA	NA	NA	NA	NR
Propionitrile	NA	ND(0.046)	ND(0.048)	ND(0.041)	ND(0.048)	ND(0.044)	NR
Styrene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Tetrachloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	0.002J
Toluene	ND(0.0060)	0.0030 J	ND(0.0060)	0.0020 J	ND(0.0060)	ND(0.0060)	0.033
trans-1,2-Dichloroethene	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
trans-1,4-Dichloro-2-butene	ND(0.017)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Trichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)
Trichlorofluoromethane	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR
Vinyl Acetate	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)	ND(0.011)	NR
Vinyl Chloride	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.010)
Xylenes (total)	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.0060)	NR

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95	E-7 OE-7B0406 4-6 08/07/95	LS-4 LS-4 6-12 08/26/89
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NR
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NR
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NR
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
1,2,4-Trichlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
1,2-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
1,2-Diphenylhydrazine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NR
1,3,5-Trinitrobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
1,3-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	0.76 J
1,3-Dinitrobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	4.0
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NR
1,4-Naphthoquinone	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NR
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NR
1-Naphthylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,3,4,6-Tetrachlorophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,4,5-Trichlorophenol	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
2,4,6-Trichlorophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,4-Dichlorophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,4-Dimethylphenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,4-Dinitrophenol	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
2,4-Dinitrotoluene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,6-Dichlorophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2,6-Dinitrotoluene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Acetylaminofluorene	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
2-Chloronaphthalene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Chlorophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Methylnaphthalene	NA	0.31 J	0.16 J	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Methylphenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Naphthylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Nitroaniline	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
2-Nitrophenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
2-Phenylenediamine	NA	NA	NA	NA	NA	NA	NR
2-Picoline	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
3&4-Methylphenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
3,3'-Dichlorobenzidine	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	ND(7.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	NR
3,3'-Dimethylbenzidine	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
3-Methylcholanthrene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
3-Methylphenol	NA	NA	NA	NA	NA	NA	NR
3-Nitroaniline	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
3-Phenylenediamine	NA	NA	NA	NA	NA	NA	NR
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA	NR
4,6-Dinitro-2-methylphenol	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
4-Aminobiphenyl	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
4-Bromophenyl-phenylether	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
4-Chloro-3-Methylphenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
4-Chloroaniline	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
4-Chlorobenzilate	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
4-Chlorophenyl-phenylether	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
4-Methylphenol	NA	NA	NA	NA	NA	NA	NR
4-Nitroaniline	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
4-Nitrophenol	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
4-Nitroquinoline-1-oxide	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
4-Phenylenediamine	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
5-Nitro-o-toluidine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
7,12-Dimethylbenz(a)anthracene	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
a,a'-Dimethylphenethylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Acenaphthene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	1.1 J
Acenaphthylene	NA	1.2	1.2	ND(0.36)	ND(0.38)	ND(0.39)	4.6
Acetophenone	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95	E-7 OE-7B0406 4-6 08/07/95	LS-4 LS-4 6-12 08/26/89
Semivolatile Organics (continued)							
Aniline	NA	4.5	2.4	ND(0.36)	ND(0.38)	ND(0.39)	NR
Anthracene	NA	0.50	0.52	0.079 J	0.062 J	ND(0.39)	5.3
Aramite	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
Benzal chloride	NA	NA	NA	NA	NA	NA	NR
Benzidine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(19)
Benzo(a)anthracene	NA	2.1	3.4	0.18 J	0.26 J	ND(0.39)	10
Benzo(a)pyrene	NA	3.2	2.5	0.20 J	0.24 J	ND(0.39)	4.0
Benzo(b)fluoranthene	NA	2.8	3.5	0.33 J	0.24 J	ND(0.39)	5.8
Benzo(g,h,i)perylene	NA	0.97	0.83	ND(0.36)	0.18 J	ND(0.39)	2.9 J
Benzo(k)fluoranthene	NA	2.1	2.4	0.20 J	0.27 J	ND(0.39)	4.3
Benzoic Acid	NA	NA	NA	NA	NA	NA	NR
Benzotrichloride	NA	NA	NA	NA	NA	NA	NR
Benzyl Alcohol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Benzyl Chloride	NA	NA	NA	NA	NA	NA	NR
bis(2-Chloroethoxy)methane	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
bis(2-Chloroethyl)ether	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
bis(2-Chloroisopropyl)ether	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
bis(2-Ethylhexyl)phthalate	NA	0.12 J	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	0.65 J
Butylbenzylphthalate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Chrysene	NA	2.6	4.3	0.26 J	0.37 J	ND(0.39)	6.8
Cyclophosphamide	NA	NA	NA	NA	NA	NA	NR
Diallate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA	NR
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA	NR
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA	NR
Dibenzo(a,h)anthracene	NA	0.49	0.50	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
Dibenzofuran	NA	ND(0.37)	0.19 J	ND(0.36)	ND(0.38)	ND(0.39)	NR
Diethylphthalate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Dimethoate	NA	NA	NA	NA	NA	NA	NR
Dimethylphthalate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Di-n-Butylphthalate	NA	0.54 B	0.48 B	0.22 BJ	0.12 BJ	0.12 BJ	ND(3.9)
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	0.18 J	ND(3.9)
Diphenylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA	NR
Ethyl Methanesulfonate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Famphur	NA	NA	NA	NA	NA	NA	NR
Fluoranthene	NA	2.8	3.5	0.37	0.53	ND(0.39)	18
Fluorene	NA	0.13 J	0.47	ND(0.36)	ND(0.38)	ND(0.39)	3.1 J
Hexachlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Hexachlorobutadiene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Hexachlorocyclopentadiene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Hexachloroethane	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
Hexachlorophene	NA	ND(1.9)	ND(1.9)	ND(1.8)	ND(1.9)	ND(1.9)	NR
Hexachloropropene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Indeno(1,2,3-cd)pyrene	NA	0.78	0.89	ND(0.36)	0.15 J	ND(0.39)	2.3 J
Isodrin	NA	NA	NA	NA	NA	NA	NR
Isophorone	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Isosafrole	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Methapyrilene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Methyl Methanesulfonate	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Naphthalene	NA	0.085 J	0.068 J	ND(0.36)	ND(0.38)	ND(0.39)	0.66 J
Nitrobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
N-Nitrosodiethylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitrosodimethylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitroso-di-n-butylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitroso-di-n-propylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitrosodiphenylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(3.9)
N-Nitrosomethylethylamine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitrosomorpholine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitrosopiperidine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
N-Nitrosopyrrolidine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA	NR

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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(Results are presented in dry weight parts per million, ppm)

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Semivolatile Organics (continued)							
o-Toluidine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Paraldehyde	NA	NA	NA	NA	NA	NA	NR
p-Dimethylaminoazobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pentachlorobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pentachloroethane	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pentachloronitrobenzene	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pentachlorophenol	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)	ND(0.94)	NR
Phenacetin	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	NR
Phenanthrene	NA	1.2	0.93	0.32 J	0.31 J	ND(0.39)	24
Phenol	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pronamide	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Pyrene	NA	3.0	4.6	0.30 J	0.62	ND(0.39)	15
Pyridine	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Safrole	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NR
Thionazin	NA	NA	NA	NA	NA	NA	NR
Total Phenols	NA	NA	NA	NA	NA	NA	NR
Organochlorine Pesticides							
4,4'-DDD	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
4,4'-DDE	NA	ND(0.096)	0.014 J	ND(0.0018)	0.020 J	ND(0.0020)	NA
4,4'-DDT	NA	0.62	0.082	ND(0.0018)	0.030	ND(0.0020)	NA
Aldrin	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Alpha-BHC	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Beta-BHC	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Delta-BHC	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Dieldrin	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Endosulfan I	NA	0.065 J	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Endosulfan II	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Endosulfan Sulfate	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Endrin	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Endrin Aldehyde	NA	ND(0.096)	0.019 J	ND(0.0018)	0.016 J	ND(0.0020)	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Heptachlor Epoxide	NA	0.15	ND(0.020)	ND(0.0018)	ND(0.020)	ND(0.0020)	NA
Isodrin	NA	ND(0.090)	ND(0.019)	ND(0.0017)	ND(0.019)	ND(0.0019)	NA
Kepone	NA	ND(1.8)	ND(0.37)	ND(0.035)	ND(0.37)	ND(0.038)	NA
Methoxychlor	NA	ND(0.19)	ND(0.039)	ND(0.0037)	ND(0.039)	ND(0.0040)	NA
Technical Chlordane	NA	ND(0.96)	ND(0.20)	ND(0.018)	ND(0.20)	ND(0.020)	NA
Toxaphene	NA	ND(3.8)	ND(0.78)	ND(0.073)	ND(0.78)	ND(0.079)	NA
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
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	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95	E-7 OE-7B0406 4-6 08/07/95	LS-4 LS-4 6-12 08/26/89
Furans							
2,3,7,8-TCDF	NA	0.00015 Y	0.000074 Y	0.0000029 YJ	0.000050 Y	0.0000038 YJ	NA
TCDFs (total)	NA	0.0012	0.00073	0.000074	0.00044	0.000036	NA
1,2,3,7,8-PeCDF	NA	ND(0.000065) E	ND(0.000036) E	ND(0.0000028)	0.000017	ND(0.0000017)	NA
2,3,4,7,8-PeCDF	NA	0.000076	0.000036	ND(0.0000054)	0.000015	ND(0.0000016)	NA
PeCDFs (total)	NA	0.0017	0.00065	0.000031	0.00021	0.0000084	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00015) E	ND(0.000065) E	0.000014	0.000023	ND(0.0000021)	NA
1,2,3,6,7,8-HxCDF	NA	0.000091	0.000036	ND(0.0000045)	0.000011 J	ND(0.00000090)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.000036) E	0.0000059 J	ND(0.0000012)	ND(0.0000013)	ND(0.00000017)	NA
2,3,4,6,7,8-HxCDF	NA	0.00018	0.000056	0.0000083 J	0.000012 J	ND(0.0000016)	NA
HxCDFs (total)	NA	0.0013	0.00041	0.000035	0.00012	0.0000069	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00024	0.00012	0.000022	0.000035	0.0000059 J	NA
1,2,3,4,7,8,9-HpCDF	NA	0.000051	0.000014	ND(0.0000012)	ND(0.0000055)	ND(0.00000051)	NA
HpCDFs (total)	NA	0.00063	0.00024	0.000022	0.000060	0.000012	NA
OCDF	NA	0.00025	0.00012	ND(0.0000064)	0.000040	0.000012 J	NA
Dioxins							
2,3,7,8-TCDD	NA	0.000060	0.0000093	ND(0.00000035)	ND(0.00000077)	ND(0.00000032)	NA
TCDDs (total)	NA	0.00024	0.0018	0.0000032	0.000012	ND(0.00000094)	NA
1,2,3,7,8-PeCDD	NA	0.0000077 J	0.000027	ND(0.00000092)	ND(0.0000010)	ND(0.00000022)	NA
PeCDDs (total)	NA	0.000079	0.0011	ND(0.0000028)	ND(0.0000045)	ND(0.0000011)	NA
1,2,3,4,7,8-HxCDD	NA	0.0000065 J	0.000032	ND(0.0000012)	ND(0.00000079)	ND(0.00000030)	NA
1,2,3,6,7,8-HxCDD	NA	0.000018	0.000095	ND(0.0000016)	ND(0.0000022)	ND(0.00000053)	NA
1,2,3,7,8,9-HxCDD	NA	0.000017	0.000088	ND(0.0000047)	ND(0.0000025)	ND(0.00000079)	NA
HxCDDs (total)	NA	0.00030	0.0018	0.000016	0.0000076	ND(0.0000018)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00012	0.00035	0.000022	0.000021	0.0000071 J	NA
HpCDDs (total)	NA	0.00021	0.00092	0.000055	0.000042	0.000013	NA
OCDD	NA	0.00080	0.00085	0.00086	0.00016	0.000040	NA
Total TEQs (WHO TEFs)	NA	0.00017	0.00010	0.0000058	0.000020	0.0000015	NA
Inorganics							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	ND(1.70) N	ND(1.70) N	ND(1.60) N	ND(1.70) N	ND(1.70) N	NA
Arsenic	NA	6.00	10.6	8.10	5.00	3.50	NA
Barium	NA	39.5	60.5	57.6	61.0	29.4	NA
Beryllium	NA	0.250 B	0.370 B	0.460 B	0.190 B	0.200 B	NA
Cadmium	NA	0.380 B	ND(0.200)	0.940	0.230 B	0.210 B	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	21.1	22.5	13.2	8.30	7.60	NA
Cobalt	NA	6.40	9.80	5.10 B	7.40	7.40	NA
Copper	NA	163	189	237	46.3	20.4	NA
Cyanide	NA	ND(2.80)	ND(2.90)	ND(2.70)	ND(2.90)	ND(2.90)	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	NA	102 EN*	87.1 EN*	133 EN*	150 EN*	70.1 EN*	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	0.870 N	0.650 N	ND(0.110) N	ND(0.120) N	ND(0.120) N	NA
Nickel	NA	15.2	29.3	21.7	13.0	12.6	NA
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	1.30	2.40	1.40	1.00	0.950	NA
Silver	NA	ND(0.300)	ND(0.310)	ND(0.290)	ND(0.310)	ND(0.320)	NA
Sodium	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	ND(225)	ND(231)	ND(217)	329	ND(235)	NA
Thallium	NA	ND(0.460)	ND(0.470)	ND(0.450)	ND(0.480)	ND(0.480)	NA
Tin	NA	3.90	ND(1.30)	8.60	ND(1.30)	ND(1.40)	NA
Vanadium	NA	13.7	22.2	19.7	11.6	8.00	NA
Zinc	NA	191 E	127 E	256 E	144 E	64.8	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-26
Sample ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	L26B1012
Sample Depth(Feet):	14-16	14-16	10-12	8-10	10-12	12-14	14-16	10-12
Parameter Date Collected:	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90	09/18/90	09/18/90	08/10/95
Volatile Organics								
1,1,1,2-Tetrachloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NR	NR	NR	NR	NR	NR	NR	NA
1,1,1-Trichloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
1,1,2-trichloro-1,2,2-trifluoroethane	NR	NR	NR	NR	NR	NR	NR	NA
1,1,2-Trichloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,1-Dichloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,1-Dichloroethene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,2,3-Trichloropropane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,2-Dibromo-3-chloropropane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,2-Dibromoethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,2-Dichloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,2-Dichloroethene (total)	NR	NR	NR	NR	NR	NR	NR	NA
1,2-Dichloropropane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
1,4-Dioxane	NR	NR	NR	NR	NR	NR	NR	ND(1.2)
2-Butanone	ND(0.013)	ND(1.8)	ND(0.011)	NR	ND(1.9)	NR	NR	ND(0.012)
2-Chloro-1,3-butadiene	NR	NR	NR	NR	NR	NR	NR	ND(0.012)
2-Chloroethylvinylether	ND(0.013)	1.5	ND(0.011)	ND(1.3)	ND(1.9)	ND(1.3)	ND(1.3)	ND(0.012)
2-Hexanone	NR	NR	NR	NR	NR	NR	NR	ND(0.012)
3-Chloropropene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
4-Methyl-2-pentanone	0.032	ND(18)	ND(0.011)	NR	ND(1.9)	NR	NR	ND(0.012)
Acetone	0.01 J	0.79 J	0.010 JB	NR	ND(1.9)	NR	NR	0.023
Acetonitrile	0.44 J	ND(18)	ND(0.11)	NR	ND(19)	NR	NR	ND(0.24)
Acrolein	NR	NR	NR	NR	NR	NR	NR	ND(0.060)
Acrylonitrile	NR	NR	ND(0.63)	NR	ND(0.63)	NR	NR	ND(0.060)
Benzene	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
Bromodichloromethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Bromoform	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Bromomethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Carbon Disulfide	ND(0.0070)	ND(0.74)	ND(0.0050)	NR	ND(0.95)	NR	NR	ND(0.0060)
Carbon Tetrachloride	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
Chlorobenzene	ND(0.0070)	1.0	ND(0.0050)	23	37 D	13	11	ND(0.0060)
Chloroethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Chloroform	0.0010 J	0.26 J	0.001 JB	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
Chloromethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
cis-1,2-Dichloroethene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
cis-1,3-Dichloropropene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
cis-1,4-Dichloro-2-butene	NR	NR	NR	NR	NR	NR	NR	NA
Crotonaldehyde	NR	NR	NR	NR	NR	NR	NR	NA
Dibromochloromethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Dibromomethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Dichlorodifluoromethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Ethyl Methacrylate	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Ethylbenzene	ND(0.0070)	2.4	ND(0.0050)	ND(0.63)	ND(0.95)	0.23 J	0.14 J	ND(0.0060)
Iodomethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Isobutanol	NR	NR	NR	NR	NR	NR	NR	ND(0.48)
m&p-Xylene	NR	NR	NR	NR	NR	NR	NR	NA
Methacrylonitrile	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Methyl Methacrylate	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Methylene Chloride	0.0010 J	0.42 BJ	0.0040 JB	ND(0.63)	0.25 J	0.23 J	0.30 J	ND(0.0060)
o-Xylene	NR	NR	NR	NR	NR	NR	NR	NA
Propionitrile	NR	NR	NR	NR	NR	NR	NR	ND(0.048)
Styrene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Tetrachloroethene	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
Toluene	0.0050 J	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.0060)
trans-1,2-Dichloroethene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
trans-1,3-Dichloropropene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
trans-1,4-Dichloro-2-butene	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Trichloroethene	ND(0.0070)	ND(0.74)	ND(0.0050)	2.2	0.78 J	0.61 J	3.5	ND(0.0060)
Trichlorofluoromethane	NR	NR	NR	NR	NR	NR	NR	ND(0.0060)
Vinyl Acetate	NR	NR	NR	NR	NR	NR	NR	ND(0.012)
Vinyl Chloride	ND(0.013)	ND(1.8)	ND(0.011)	ND(1.3)	ND(1.9)	ND(1.3)	ND(1.3)	ND(0.0060)
Xylenes (total)	ND(0.0070)	2.2	ND(0.050)	NR	0.91 J	NR	NR	ND(0.0060)

TABLE B-2
HISTORICAL 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)

Location ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-26
Sample ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	L26B1012
Sample Depth(Feet):	14-16	14-16	10-12	8-10	10-12	12-14	14-16	10-12
Parameter Date Collected:	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90	09/18/90	09/18/90	08/10/95
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NR	NR	NR	NA	NR	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NR	NR	NR	NA	NR	NA	NA	NA
1,2,3-Trichlorobenzene	NR	NR	NR	NA	NR	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.7 J	NA	NA	ND(0.41)
1,2,4-Trichlorobenzene	ND(2.2)	ND(2.3)	ND(1.1)	NA	89 E	NA	NA	ND(0.41)
1,2-Dichlorobenzene	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.4 J	NA	NA	ND(0.41)
1,2-Diphenylhydrazine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
1,3,5-Trichlorobenzene	NR	NR	NR	NA	NR	NA	NA	NA
1,3,5-Trinitrobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
1,3-Dichlorobenzene	ND(2.2)	0.29 J	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
1,3-Dinitrobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
1,4-Dichlorobenzene	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.3 J	NA	NA	ND(0.41)
1,4-Dinitrobenzene	NR	NR	NR	NA	NR	NA	NA	NA
1,4-Naphthoquinone	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
1-Chloronaphthalene	NR	NR	NR	NA	NR	NA	NA	NA
1-Methylnaphthalene	NR	NR	NR	NA	NR	NA	NA	NA
1-Naphthylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,3,4,6-Tetrachlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,4,5-Trichlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
2,4,6-Trichlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,4-Dichlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,4-Dimethylphenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,4-Dinitrophenol	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
2,4-Dinitrotoluene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,6-Dichlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2,6-Dinitrotoluene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Acetylaminofluorene	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
2-Chloronaphthalene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Chlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Methylnaphthalene	ND(2.2)	32	ND(1.1)	NA	1.0 J	NA	NA	ND(0.41)
2-Methylphenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Naphthylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Nitroaniline	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
2-Nitrophenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
2-Phenylenediamine	NR	NR	NR	NA	NR	NA	NA	NA
2-Picoline	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
3&4-Methylphenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
3,3'-Dichlorobenzidine	ND(4.4)	ND(4.6)	ND(2.2)	NA	ND(9.9)	NA	NA	ND(0.82)
3,3'-Dimethoxybenzidine	NR	NR	NR	NA	NR	NA	NA	NA
3,3'-Dimethylbenzidine	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
3-Methylcholanthrene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
3-Methylphenol	NR	NR	NR	NA	NR	NA	NA	NA
3-Nitroaniline	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
3-Phenylenediamine	NR	NR	NR	NA	NR	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NR	NR	NR	NA	NR	NA	NA	NA
4,6-Dinitro-2-methylphenol	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
4-Aminobiphenyl	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
4-Bromophenyl-phenylether	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
4-Chloro-3-Methylphenol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
4-Chloroaniline	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
4-Chlorobenzilate	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
4-Chlorophenyl-phenylether	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
4-Methylphenol	NR	NR	NR	NA	NR	NA	NA	NA
4-Nitroaniline	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
4-Nitrophenol	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
4-Nitroquinoline-1-oxide	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
4-Phenylenediamine	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
5-Nitro-o-toluidine	ND(4.4)	ND(4.7)	ND(2.2)	NA	ND(10)	NA	NA	ND(0.41)
7,12-Dimethylbenz(a)anthracene	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
a,a'-Dimethylphenethylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Acenaphthene	ND(2.2)	47 D	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Acenaphthylene	0.35 J	5.7	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Acetophenone	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)

TABLE B-2
HISTORICAL 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)

Location ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-26
Sample ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	L26B1012
Sample Depth(Feet):	14-16	14-16	10-12	8-10	10-12	12-14	14-16	10-12
Parameter Date Collected:	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90	09/18/90	09/18/90	08/10/95
Semivolatile Organics (continued)								
Aniline	ND(11)	ND(12)	ND(5.6)	NA	ND(25)	NA	NA	ND(0.41)
Anthracene	0.25 J	33	ND(1.1)	NA	ND(4.9)	NA	NA	0.16 J
Aramite	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
Benzal chloride	NR	NR	NR	NA	NR	NA	NA	NA
Benzidine	ND(11)	ND(11)	ND(5.2)	NA	ND(24)	NA	NA	ND(0.41)
Benzo(a)anthracene	0.52 J	17	ND(1.1)	NA	ND(4.9)	NA	NA	0.12 J
Benzo(a)pyrene	0.42 J	13	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Benzo(b)fluoranthene	0.44 J	5.5	ND(1.1)	NA	1.0 J	NA	NA	0.082 J
Benzo(g,h,i)perylene	ND(2.2)	4.7	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Benzo(k)fluoranthene	0.53 J	10	ND(1.1)	NA	0.62 J	NA	NA	0.086 J
Benzoic Acid	NR	NR	NR	NA	NR	NA	NA	NA
Benzotrichloride	NR	NR	NR	NA	NR	NA	NA	NA
Benzyl Alcohol	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Benzyl Chloride	NR	NR	NR	NA	NR	NA	NA	NA
bis(2-Chloroethoxy)methane	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
bis(2-Chloroethyl)ether	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
bis(2-Chloroisopropyl)ether	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
bis(2-Ethylhexyl)phthalate	0.76 J	1.0 J	0.42 J	NA	ND(4.9)	NA	NA	ND(0.41)
Butylbenzylphthalate	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Chrysene	0.60 J	15	ND(1.1)	NA	ND(4.9)	NA	NA	0.16 J
Cyclophosphamide	NR	NR	NR	NA	NR	NA	NA	NA
Diallate	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Diallate (cis isomer)	NR	NR	NR	NA	NR	NA	NA	NA
Diallate (trans isomer)	NR	NR	NR	NA	NR	NA	NA	NA
Dibenz(a,j)acridine	NR	NR	NR	NA	NR	NA	NA	NA
Dibenzo(a,h)anthracene	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Dibenzofuran	ND(2.2)	1.9 J	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Diethylphthalate	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Dimethoate	NR	NR	NR	NA	NR	NA	NA	NA
Dimethylphthalate	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Di-n-Butylphthalate	ND(2.2)	ND(2.3)	0.13 J	NA	ND(4.9)	NA	NA	0.18 BJ
Di-n-Octylphthalate	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Diphenylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Ethyl Methacrylate	NR	NR	NR	NA	NR	NA	NA	NA
Ethyl Methanesulfonate	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Famphur	NR	NR	NR	NA	NR	NA	NA	NA
Fluoranthene	0.93 J	31	ND(1.1)	NA	ND(4.9)	NA	NA	0.19 J
Fluorene	ND(2.2)	24	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Hexachlorobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Hexachlorobutadiene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Hexachlorocyclopentadiene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Hexachloroethane	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Hexachlorophene	NR	NR	NR	NA	NR	NA	NA	ND(2.1)
Hexachloropropene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Indeno(1,2,3-cd)pyrene	0.26 J	3.9	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Isodrin	NR	NR	NR	NA	NR	NA	NA	NA
Isophorone	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Isosafrole	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Methapyrilene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Methyl Methanesulfonate	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Naphthalene	ND(2.2)	91 D	ND(1.1)	NA	0.93 J	NA	NA	ND(0.41)
Nitrobenzene	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
N-Nitrosodiethylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitrosodimethylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitroso-di-n-butylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitroso-di-n-propylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitrosodiphenylamine	ND(2.2)	1.9 J	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
N-Nitrosomethylethylamine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitrosomorpholine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitrosopiperidine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
N-Nitrosopyrrolidine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
o,o,o-Triethylphosphorothioate	NR	NR	NR	NA	NR	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-26
Sample ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	L26B1012
Sample Depth(Feet):	14-16	14-16	10-12	8-10	10-12	12-14	14-16	10-12
Parameter Date Collected:	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90	09/18/90	09/18/90	08/10/95
Semivolatile Organics (continued)								
o-Toluidine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Paraldehyde	NR	NR	NR	NA	NR	NA	NA	NA
p-Dimethylaminoazobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Pentachlorobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Pentachloroethane	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Pentachloronitrobenzene	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Pentachlorophenol	NR	NR	NR	NA	NR	NA	NA	ND(1.0)
Phenacetin	NR	NR	NR	NA	NR	NA	NA	ND(0.82)
Phenanthrene	0.94 J	110 D	ND(1.1)	NA	ND(4.9)	NA	NA	0.15 J
Phenol	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)	NA	NA	ND(0.41)
Pronamide	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Pyrene	1.4 J	80 D	ND(1.1)	NA	ND(4.9)	NA	NA	0.20 J
Pyridine	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Safrole	NR	NR	NR	NA	NR	NA	NA	ND(0.41)
Thionazin	NR	NR	NR	NA	NR	NA	NA	NA
Total Phenols	NR	NR	NR	NA	NR	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
4,4'-DDE	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
4,4'-DDT	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Aldrin	0.017 D	ND(0.011)	ND(0.0088)	NA	170 DJ	NA	NA	ND(0.0021)
Alpha-BHC	ND(0.011)	ND(0.011)	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Beta-BHC	ND(0.011)	0.021	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Delta-BHC	ND(0.011)	ND(0.011)	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Dieldrin	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Endosulfan I	ND(0.011)	0.059 D	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Endosulfan II	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Endosulfan Sulfate	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Endrin	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Endrin Aldehyde	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.0021)
Gamma-BHC (Lindane)	ND(0.011)	ND(0.011)	ND(0.0088)	NA	ND(24)	NA	NA	NA
Heptachlor	ND(0.011)	ND(0.011)	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Heptachlor Epoxide	ND(0.011)	ND(0.011)	ND(0.0088)	NA	ND(24)	NA	NA	ND(0.0021)
Isodrin	NA	NA	NR	NA	NR	NA	NA	ND(0.0020)
Kepone	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)	NA	NA	ND(0.040)
Methoxychlor	ND(0.11)	ND(0.11)	ND(0.088)	NA	ND(240)	NA	NA	ND(0.0043)
Technical Chlordane	ND(0.011)	ND(0.011)	ND(0.088)	NA	ND(240)	NA	NA	ND(0.021)
Toxaphene	ND(0.21)	ND(0.22)	ND(0.18)	NA	ND(480)	NA	NA	ND(0.084)
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
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	ND(4.4)	ND(4.7)	ND(2.2)	NA	ND(9.9)	NA	NA	ND(0.41)

TABLE B-2
HISTORICAL 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 / Location ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-26
Sample ID:	LS-7	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	L26B1012
Sample Depth(Feet):	14-16	14-16	10-12	8-10	10-12	12-14	14-16	10-12
Date Collected:	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90	09/18/90	09/18/90	08/10/95
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.00000086) Y
TCDFs (total)	ND(0.000034)	ND(0.00040)	ND(0.00039)	NA	0.0087	NA	NA	0.000019
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000016)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000019)
PeCDFs (total)	ND(0.000050)	ND(0.00028)	ND(0.00024)	NA	0.0062	NA	NA	0.000013
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	0.0000076 J
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000034)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000018)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000042)
HxCDFs (total)	ND(0.00011)	ND(0.00040)	ND(0.00015)	NA	0.0064	NA	NA	0.000018
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA	0.000026
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA	ND(0.0000032)
HpCDFs (total)	NA	NA	NA	NA	NA	NA	NA	0.000033
OCDF	NA	NA	NA	NA	NA	NA	NA	0.000030
Dioxins								
2,3,7,8-TCDD	ND(0.000038)	ND(0.0026)	ND(0.0024)	NA	ND(0.0021)	NA	NA	ND(0.00000051)
TCDDs (total)	ND(0.000061)	ND(0.000061)	ND(0.00034)	NA	ND(0.0012)	NA	NA	0.0000016
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA	ND(0.00000064)
PeCDDs (total)	ND(0.00012)	ND(0.00090)	ND(0.00077)	NA	ND(0.0016)	NA	NA	ND(0.0000017)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	ND(0.00000086)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	ND(0.0000015)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA	ND(0.0000034)
HxCDDs (total)	ND(0.00014)	ND(0.0044)	ND(0.0011)	NA	ND(0.0025)	NA	NA	ND(0.0000050)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA	0.000018
HpCDDs (total)	NA	NA	NA	NA	NA	NA	NA	0.000039
OCDD	NA	NA	NA	NA	NA	NA	NA	0.00059
Total TEQs (WHO TEFs)	NC	NC	NC	NA	NC	NA	NA	0.0000032
Inorganics								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(3.0)	ND(3.0)	ND(3.0)	NA	ND(3.0)	NA	NA	ND(1.90) N
Arsenic	ND(3.0)	ND(3.0)	ND(3.0)	NA	ND(3.0)	NA	NA	5.80
Barium	42.4	8.8	6.0	NA	232	NA	NA	30.9
Beryllium	0.1	0.1	ND(0.10)	NA	0.20	NA	NA	0.230 B
Cadmium	ND(0.5)	ND(0.5)	ND(0.50)	NA	1.7	NA	NA	0.800
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	8.0	12	2.0	NA	56	NA	NA	12.2
Cobalt	6.0	3.0	5.0	NA	9.0	NA	NA	5.40 B
Copper	20	17	19	NA	1050	NA	NA	93.1
Cyanide	ND(0.5)	ND(1.0)	ND(1.0)	NA	ND(0.50)	NA	NA	ND(3.10)
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	16	14	9.0	NA	803	NA	NA	165 EN*
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.1)	0.1	ND(0.10)	NA	0.30	NA	NA	ND(0.130) N
Nickel	8.0	2.0	7.0	NA	62	NA	NA	26.9
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(6.0)	ND(6.0)	ND(7.0)	NA	ND(6.0)	NA	NA	1.60
Silver	ND(0.5)	ND(0.5)	ND(0.50)	NA	1.8	NA	NA	ND(0.340)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	130	140	ND(20)	NA	130	NA	NA	ND(252)
Thallium	22	ND(0.3)	ND(0.30)	NA	ND(0.30)	NA	NA	ND(0.520)
Tin	ND(2.0)	5.0	3.0	NA	50	NA	NA	ND(1.50)
Vanadium	7.0	2.0	1.0	NA	9.0	NA	NA	16.1
Zinc	47.8	34.5	23.5	NA	768	NA	NA	247 E

TABLE B-2
HISTORICAL 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)

Location ID:	LS-27	LS-28	LS-29	LS-30	LS-31	LS-32	LS-32	LS-32
Sample ID:	L27B0204	L28B1012	L29B1012	L30B1416	L31B1214	LS3224	LS3268	LS321012
Sample Depth(Feet):	2-4	10-12	10-12	14-16	12-14	2-4	6-8	10-12
Parameter Date Collected:	08/11/95	08/14/95	08/08/95	08/14/95	08/15/95	10/12/94	10/12/94	10/12/94
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	ND(0.017)	ND(0.13)	NR
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
1,1,2,2-Tetrachloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	ND(0.011)	ND(0.089)	NR
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
1,1-Dichloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
1,1-Dichloroethene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
1,2,3-Trichloropropane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(1.5)	NA	ND(0.023)	ND(0.18)	NR
1,2-Dibromo-3-chloropropane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.057)	ND(0.45)	NR
1,2-Dibromoethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
1,2-Dichloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	0.0020 J	ND(0.40)	0.00020 J
1,2-Dichloropropane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
1,4-Dioxane	ND(1.1)	ND(1.1)	ND(1.1)	ND(150)	NA	ND(59)	ND(460)	NR
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	ND(0.040)	ND(0.31)	NR
2-Chloro-1,3-butadiene	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	NA	NA	NR
2-Chloroethylvinylether	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	ND(0.017)	ND(0.13)	NR
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	ND(0.040)	ND(0.31)	NR
3-Chloropropene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	ND(0.029)	ND(0.22)	NR
Acetone	0.011 J	0.015 B	0.031	ND(1.5)	NA	0.029 JB	0.19 JB	NR
Acetonitrile	ND(0.23)	ND(0.21)	ND(0.22)	ND(29)	NA	ND(0.23)	ND(1.8)	NR
Acrolein	ND(0.057)	ND(0.054)	ND(0.056)	ND(7.4)	NA	ND(0.26)	ND(2.1)	NR
Acrylonitrile	ND(0.057)	ND(0.054)	ND(0.056)	ND(7.4)	NA	ND(0.24)	ND(1.9)	NR
Benzene	ND(0.0060)	ND(0.0050)	ND(0.0060)	0.49 J	NA	ND(0.017)	ND(0.13)	NR
Bromodichloromethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Bromoform	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
Bromomethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Carbon Disulfide	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
Carbon Tetrachloride	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
Chlorobenzene	ND(0.0060)	ND(0.0050)	ND(0.0060)	29	NA	0.0020 J	0.071 J	0.0020 J
Chloroethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Chloroform	0.0050 J	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
Chloromethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.040)	ND(0.31)	NR
cis-1,2-Dichloroethene	ND(0.0060)	ND(0.0050)	ND(0.0060)	0.22 J	NA	NA	ND(0.27)	NR
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	ND(0.023)	ND(0.18)	NR
Crotonaldehyde	NA	NA	NA	NA	NA	ND(0.63)	ND(4.9)	NR
Dibromochloromethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
Dibromomethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Dichlorodifluoromethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	NA	NA	NR
Ethyl Methacrylate	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.029)	ND(0.22)	NR
Ethylbenzene	ND(0.0060)	ND(0.0050)	ND(0.0060)	1.6	NA	ND(0.017)	0.014 J	NR
Iodomethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
Isobutanol	ND(0.46)	ND(0.43)	ND(0.45)	ND(59)	NA	ND(15)	ND(120)	NR
m&p-Xylene	NA	NA	NA	NA	NA	NA	ND(0.089)	NR
Methacrylonitrile	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Methyl Methacrylate	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.057)	ND(0.45)	NR
Methylene Chloride	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	0.045 B	0.23 B	NR
o-Xylene	NA	NA	NA	NA	NA	NA	ND(0.089)	NR
Propionitrile	ND(0.046)	ND(0.043)	ND(0.045)	ND(5.9)	NA	ND(0.68)	ND(5.3)	NR
Styrene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.011)	ND(0.089)	NR
Tetrachloroethene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	0.0010 J	ND(0.13)	0.0010 J
Toluene	0.0010 J	ND(0.0050)	0.0020 J	0.82	NA	ND(0.017)	ND(0.13)	NR
trans-1,2-Dichloroethene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	NA	ND(0.13)	NR
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR
trans-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Trichloroethene	0.18	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	9.8 D	3.0 D	9.8 D
Trichlorofluoromethane	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Vinyl Acetate	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	NA	ND(0.023)	ND(0.18)	NR
Vinyl Chloride	ND(0.0060)	ND(0.0050)	ND(0.0060)	ND(0.74)	NA	ND(0.023)	ND(0.18)	NR
Xylenes (total)	ND(0.0060)	ND(0.0050)	ND(0.0060)	20 Z	NA	ND(0.023)	ND(0.18)	NR

TABLE B-2
HISTORICAL 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)

Location ID:	LS-27	LS-28	LS-29	LS-30	LS-31	LS-32	LS-32	LS-32
Sample ID:	L27B0204	L28B1012	L29B1012	L30B1416	L31B1214	LS3224	LS3268	LS321012
Sample Depth(Feet):	2-4	10-12	10-12	14-16	12-14	2-4	6-8	10-12
Parameter Date Collected:	08/11/95	08/14/95	08/08/95	08/14/95	08/15/95	10/12/94	10/12/94	10/12/94
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	ND(7.2)	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	ND(15)	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	ND(6.8)	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(15)	NA	NA
1,2,4-Trichlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	4.7	NA	3.1 J	NA	NA
1,2-Dichlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	0.50	NA	ND(6.7)	NA	NA
1,2-Diphenylhydrazine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.8)	NA	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	ND(6.9)	NA	NA
1,3,5-Trinitrobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(10)	NA	NA
1,3-Dichlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	2.9	NA	ND(5.8)	NA	NA
1,3-Dinitrobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.3)	NA	NA
1,4-Dichlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	16 E	NA	ND(5.9)	NA	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(18)	NA	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	ND(14)	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	ND(12)	NA	NA
1-Naphthylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(16)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(16)	NA	NA
2,4,5-Trichlorophenol	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(15)	NA	NA
2,4,6-Trichlorophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(15)	NA	NA
2,4-Dichlorophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.2)	NA	NA
2,4-Dimethylphenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.9)	NA	NA
2,4-Dinitrophenol	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(19)	NA	NA
2,4-Dinitrotoluene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA
2,6-Dichlorophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(14)	NA	NA
2,6-Dinitrotoluene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.5)	NA	NA
2-Acetylaminofluorene	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(8.0)	NA	NA
2-Chloronaphthalene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(11)	NA	NA
2-Chlorophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.1)	NA	NA
2-Methylnaphthalene	ND(2.2)	ND(0.37)	ND(0.36)	4.9	NA	ND(9.5)	NA	NA
2-Methylphenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.4)	NA	NA
2-Naphthylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(9.7)	NA	NA
2-Nitroaniline	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(12)	NA	NA
2-Nitrophenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.0)	NA	NA
2-Phenylenediamine	NA	NA	NA	NA	NA	NA	NA	NA
2-Picoline	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(14)	NA	NA
3&4-Methylphenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(5.7)	NA	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	ND(11)	NA	NA
3,3'-Dimethylbenzidine	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(11)	NA	NA
3-Methylcholanthrene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.9)	NA	NA
3-Methylphenol	NA	NA	NA	NA	NA	ND(15)	NA	NA
3-Nitroaniline	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(7.8)	NA	NA
3-Phenylenediamine	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	ND(5.1)	NA	NA
4,6-Dinitro-2-methylphenol	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(20)	NA	NA
4-Aminobiphenyl	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(4.6)	NA	NA
4-Bromophenyl-phenylether	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.5)	NA	NA
4-Chloro-3-Methylphenol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.5)	NA	NA
4-Chloroaniline	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.8)	NA	NA
4-Chlorobenzilate	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(8.0)	NA	NA
4-Chlorophenyl-phenylether	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.8)	NA	NA
4-Methylphenol	NA	NA	NA	NA	NA	ND(15)	NA	NA
4-Nitroaniline	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(12)	NA	NA
4-Nitrophenol	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(51)	NA	NA
4-Nitroquinoline-1-oxide	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(54)	NA	NA
4-Phenylenediamine	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	NA	NA	NA
5-Nitro-o-toluidine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(11)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(4.6)	NA	NA
a,a'-Dimethylphenethylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	NA	NA	NA
Acenaphthene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA
Acenaphthylene	ND(2.2)	0.065 J	ND(0.36)	ND(0.39)	NA	ND(7.6)	NA	NA
Acetophenone	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-27 L27B0204 2-4 08/11/95	LS-28 L28B1012 10-12 08/14/95	LS-29 L29B1012 10-12 08/08/95	LS-30 L30B1416 14-16 08/14/95	LS-31 L31B1214 12-14 08/15/95	LS-32 LS3224 2-4 10/12/94	LS-32 LS3268 6-8 10/12/94	LS-32 LS321012 10-12 10/12/94
Semivolatile Organics (continued)								
Aniline	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	0.75 J	NA	NA
Anthracene	3.0	0.073 J	0.15 J	ND(0.39)	NA	0.43 J	NA	NA
Aramite	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(7.5)	NA	NA
Benzal chloride	NA	NA	NA	NA	NA	ND(6.0)	NA	NA
Benzidine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(18)	NA	NA
Benzo(a)anthracene	8.8	0.14 J	0.76	ND(0.39)	NA	2.5 J	NA	NA
Benzo(a)pyrene	5.5	ND(0.37)	0.74	ND(0.39)	NA	2.1 J	NA	NA
Benzo(b)fluoranthene	5.7	0.13 J	0.87	ND(0.39)	NA	3.2 ZJ	NA	NA
Benzo(g,h,i)perylene	4.0	ND(0.37)	0.32 J	ND(0.39)	NA	1.5 J	NA	NA
Benzo(k)fluoranthene	4.2	0.12 J	0.60	ND(0.39)	NA	5.8 ZJ	NA	NA
Benzoic Acid	NA	NA	NA	NA	NA	ND(22)	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	ND(7.0)	NA	NA
Benzyl Alcohol	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.2)	NA	NA
Benzyl Chloride	NA	NA	NA	NA	NA	ND(6.6)	NA	NA
bis(2-Chloroethoxy)methane	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.6)	NA	NA
bis(2-Chloroethyl)ether	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.7)	NA	NA
bis(2-Chloroisopropyl)ether	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.4)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	1.2 J	NA	NA
Butylbenzylphthalate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.7)	NA	NA
Chrysene	9.8	0.17 J	1.0	ND(0.39)	NA	2.2 J	NA	NA
Cyclophosphamide	NA	NA	NA	NA	NA	ND(7.1)	NA	NA
Diallate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	NA	NA	NA
Diallate (cis isomer)	NA	NA	NA	NA	NA	ND(7.5)	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	ND(7.5)	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	ND(4.6)	NA	NA
Dibenzo(a,h)anthracene	1.6 J	ND(0.37)	0.16 J	ND(0.39)	NA	0.39 J	NA	NA
Dibenzofuran	0.64 J	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.8)	NA	NA
Diethylphthalate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.2)	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(11)	NA	NA
Di-n-Butylphthalate	ND(2.2)	0.11 BJ	0.22 BJ	ND(0.39)	NA	ND(8.7)	NA	NA
Di-n-Octylphthalate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(5.4)	NA	NA
Diphenylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(16)	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.8)	NA	NA
Famphur	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Fluoranthene	21	0.20 J	1.4	ND(0.39)	NA	3.3 J	NA	NA
Fluorene	1.8 J	ND(0.37)	ND(0.36)	0.87	NA	ND(7.8)	NA	NA
Hexachlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.7)	NA	NA
Hexachlorobutadiene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.3)	NA	NA
Hexachlorocyclopentadiene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA
Hexachloroethane	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.8)	NA	NA
Hexachlorophene	ND(11)	ND(1.9)	ND(1.8)	ND(1.9)	NA	NA	NA	NA
Hexachloropropene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.5)	NA	NA
Indeno(1,2,3-cd)pyrene	3.4	ND(0.37)	0.32 J	ND(0.39)	NA	1.2 J	NA	NA
Isodrin	NA	NA	NA	NA	NA	ND(10)	NA	NA
Isophorone	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.7)	NA	NA
Isosafrole	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(15)	NA	NA
Methapyrilene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(15)	NA	NA
Methyl Methanesulfonate	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.9)	NA	NA
Naphthalene	ND(2.2)	ND(0.37)	ND(0.36)	16 E	NA	ND(7.5)	NA	NA
Nitrobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.7)	NA	NA
N-Nitrosodiethylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.8)	NA	NA
N-Nitrosodimethylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA
N-Nitroso-di-n-butylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(16)	NA	NA
N-Nitroso-di-n-propylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.9)	NA	NA
N-Nitrosodiphenylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(16)	NA	NA
N-Nitrosomethylethylamine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.1)	NA	NA
N-Nitrosomorpholine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.5)	NA	NA
N-Nitrosopiperidine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(8.4)	NA	NA
N-Nitrosopyrrolidine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.0)	NA	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	ND(60)	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-27 L27B0204 2-4 08/11/95	LS-28 L28B1012 10-12 08/14/95	LS-29 L29B1012 10-12 08/08/95	LS-30 L30B1416 14-16 08/14/95	LS-31 L31B1214 12-14 08/15/95	LS-32 LS3224 2-4 10/12/94	LS-32 LS3268 6-8 10/12/94	LS-32 LS321012 10-12 10/12/94
Semivolatile Organics (continued)								
o-Toluidine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(23)	NA	NA
Paraldehyde	NA	NA	NA	NA	NA	ND(4.1)	NA	NA
p-Dimethylaminoazobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.6)	NA	NA
Pentachlorobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.5)	NA	NA
Pentachloroethane	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(9.4)	NA	NA
Pentachloronitrobenzene	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.2)	NA	NA
Pentachlorophenol	ND(5.3)	ND(0.91)	ND(0.88)	ND(0.94)	NA	ND(16)	NA	NA
Phenacetin	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	NA	ND(6.9)	NA	NA
Phenanthrene	27	0.17 J	0.56	ND(0.39)	NA	2.7 J	NA	NA
Phenol	ND(2.2)	ND(0.37)	ND(0.36)	0.59	NA	ND(6.5)	NA	NA
Pronamide	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(7.4)	NA	NA
Pyrene	23	0.25 J	1.3	ND(0.39)	NA	2.6 J	NA	NA
Pyridine	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.2)	NA	NA
Safrole	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	ND(6.6)	NA	NA
Thionazin	NA	NA	NA	NA	NA	ND(7.6)	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD	ND(0.019)	0.00094	ND(0.0019)	ND(3.4)	NA	ND(0.79)	NA	NA
4,4'-DDE	ND(0.019)	0.0041	0.0012 J	2.6	NA	ND(0.79)	NA	NA
4,4'-DDT	0.060	0.0030	ND(0.0019)	12	NA	ND(0.79)	NA	NA
Aldrin	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.23)	NA	NA
Alpha-BHC	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.23)	NA	NA
Beta-BHC	ND(0.019)	ND(0.0017)	0.0010 J	ND(3.4)	NA	ND(0.23)	NA	NA
Delta-BHC	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.23)	NA	NA
Dieldrin	0.056	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.34)	NA	NA
Endosulfan I	0.024	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.34)	NA	NA
Endosulfan II	0.029	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.79)	NA	NA
Endosulfan Sulfate	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.45)	NA	NA
Endrin	ND(0.019)	ND(0.0017)	ND(0.0019)	3.4	NA	ND(0.56)	NA	NA
Endrin Aldehyde	ND(0.019)	0.012	ND(0.0019)	11	NA	ND(0.23)	NA	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.0019)	NA	NA	ND(0.23)	NA	NA
Heptachlor	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	NA	ND(0.23)	NA	NA
Heptachlor Epoxide	0.015 J	ND(0.0017)	ND(0.0019)	11	NA	ND(0.23)	NA	NA
Isodrin	ND(0.018)	ND(0.0016)	ND(0.0018)	ND(3.2)	NA	NA	NA	NA
Kepone	ND(0.35)	ND(0.032)	ND(0.035)	ND(64)	NA	NA	NA	NA
Methoxychlor	ND(0.038)	ND(0.0034)	ND(0.0037)	ND(6.8)	NA	ND(0.79)	NA	NA
Technical Chlordane	ND(0.19)	ND(0.017)	ND(0.019)	ND(34)	NA	ND(4.5)	NA	NA
Toxaphene	ND(0.74)	ND(0.067)	ND(0.074)	ND(130)	NA	ND(4.5)	NA	NA
Organophosphate Pesticides								
Dimethoate	NA	NA	NA	NA	NA	0.019 BP	NA	NA
Disulfoton	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Phorate	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Sulfotep	NA	NA	NA	NA	NA	ND(0.011)	NA	NA
Herbicides								
2,4,5-T	NA	NA	NA	NA	NA	ND(8.1)	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	0.12 JB	NA	NA
2,4-D	NA	NA	NA	NA	NA	ND(32)	NA	NA
Dinoseb	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	NA	0.055 JP	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-27 L27B0204 2-4 08/11/95	LS-28 L28B1012 10-12 08/14/95	LS-29 L29B1012 10-12 08/08/95	LS-30 L30B1416 14-16 08/14/95	LS-31 L31B1214 12-14 08/15/95	LS-32 LS3224 2-4 10/12/94	LS-32 LS3268 6-8 10/12/94	LS-32 LS321012 10-12 10/12/94
Furans								
2,3,7,8-TCDF	0.000017 J	0.0000014 YJ	0.0000078 Y	0.0026 YE	NA	ND(0.018) X	NA	NA
TCDFs (total)	0.00015	0.0000056	0.000018	0.026	NA	0.063	NA	NA
1,2,3,7,8-PeCDF	ND(0.000013) E	ND(0.00000042)	ND(0.00000099)	0.0017	NA	0.0093	NA	NA
2,3,4,7,8-PeCDF	0.0000063 J	ND(0.00000054)	ND(0.00000091)	0.0016	NA	0.017	NA	NA
PeCDFs (total)	0.00013	ND(0.0000056)	ND(0.0000022)	0.020	NA	0.13	NA	NA
1,2,3,4,7,8-HxCDF	0.000012	ND(0.00000083)	ND(0.00000060)	ND(0.010) E	NA	0.061	NA	NA
1,2,3,6,7,8-HxCDF	0.0000076 J	ND(0.00000068)	ND(0.00000035)	0.0046 E	NA	0.016	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000049)	ND(0.00000015)	ND(0.00000017)	0.0021	NA	0.011	NA	NA
2,3,4,6,7,8-HxCDF	0.000017	ND(0.00000082)	ND(0.00000035)	0.0020	NA	0.0074	NA	NA
HxCDFs (total)	0.00014	ND(0.0000047)	ND(0.0000012)	0.020	NA	0.15	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000029	ND(0.0000011)	ND(0.00000062)	0.0067 E	NA	0.020	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000054)	ND(0.00000033)	ND(0.00000018)	0.0037 E	NA	0.0098	NA	NA
HpCDFs (total)	0.000077	ND(0.0000022)	ND(0.00000062)	0.015	NA	0.040	NA	NA
OCDF	0.000029	ND(0.00000092)	ND(0.00000057)	0.0096 E	NA	0.016	NA	NA
Dioxins								
2,3,7,8-TCDD	ND(0.00000049)	ND(0.00000034)	ND(0.00000043)	0.000013	NA	ND(0.0016)	NA	NA
TCDDs (total)	0.0000051	ND(0.00000044)	ND(0.00000046)	0.00073	NA	ND(0.0016)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000014)	ND(0.00000013)	ND(0.00000018)	0.000057	NA	ND(0.0027)	NA	NA
PeCDDs (total)	ND(0.0000023)	ND(0.00000013)	ND(0.00000025)	0.00044	NA	ND(0.0027)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000015)	ND(0.00000018)	ND(0.000000092)	0.000053	NA	ND(0.0011)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000052)	ND(0.00000020)	ND(0.00000021)	0.00013	NA	ND(0.0014)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000037)	ND(0.00000020)	ND(0.00000035)	0.00014	NA	ND(0.00095)	NA	NA
HxCDDs (total)	0.000038	ND(0.00000020)	ND(0.00000077)	0.0015	NA	0.0025	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00016	ND(0.00000042)	ND(0.0000016)	0.00067	NA	0.0044	NA	NA
HpCDDs (total)	0.00030	ND(0.00000042)	ND(0.0000022)	0.0014	NA	0.0098	NA	NA
OCDD	0.0012	ND(0.0000030)	0.000068	0.0030	NA	0.028	NA	NA
Total TEQs (WHO TEFs)	0.000013	0.00000068	0.0000015	0.0027	NA	0.022	NA	NA
Inorganics								
Aluminum	NA	NA	NA	NA	NA	12400	NA	NA
Antimony	3.30 BN	ND(1.70) N	ND(1.60) N	4.40 BN	ND(1.80) N	29.6 N	NA	NA
Arsenic	9.80	5.90	3.50	7.30	2.60	9.00	NA	NA
Barium	42.7	15.5 B	200	149	36.3	661	NA	NA
Beryllium	0.350 B	0.110 B	1.00	0.130 B	0.260 B	0.290 B	NA	NA
Cadmium	0.650	ND(0.190)	ND(0.190)	2.40	ND(0.200)	5.40	NA	NA
Calcium	NA	NA	NA	NA	NA	11300	NA	NA
Chromium	15.4	9.80	27.6	29.3	8.90	204 E	NA	NA
Cobalt	7.40	11.7	4.90 B	8.20	8.50	11.7	NA	NA
Copper	3610	27.5	24.5	1390	15.9	4650	NA	NA
Cyanide	ND(2.80)	ND(2.80)	ND(2.70)	ND(2.90)	ND(3.00)	NA	NA	NA
Iron	NA	NA	NA	NA	NA	41500	NA	NA
Lead	261 EN*	8.60 N*	119 EN*	787 EN*	8.10 N*	14400 E	NA	NA
Magnesium	NA	NA	NA	NA	NA	5600	NA	NA
Manganese	NA	NA	NA	NA	NA	791	NA	NA
Mercury	0.120 N	ND(0.110) N	ND(0.110) N	0.590 N	ND(0.120) N	NA	NA	NA
Nickel	32.1	20.0	6.80	24.0	11.4	82.0 E	NA	NA
Potassium	NA	NA	NA	NA	NA	770 B	NA	NA
Selenium	1.60	1.50	2.00	1.50	1.10	ND(0.770) N	NA	NA
Silver	0.490 B	ND(0.310)	ND(0.300)	1.50	ND(0.320)	5.80	NA	NA
Sodium	NA	NA	NA	NA	NA	547 B	NA	NA
Sulfide	263	ND(226)	ND(220)	429	NA	NA	NA	NA
Thallium	ND(0.450)	ND(0.460)	ND(2.30)	ND(0.480)	ND(0.490)	ND(1.00)	NA	NA
Tin	117	ND(1.30)	ND(1.30)	242	ND(1.40)	482	NA	NA
Vanadium	19.2	8.30	49.5	7.50	8.50	13.7	NA	NA
Zinc	578 E	55.8	28.8	834 E	49.5	3610	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LS-32	LS-32	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS321214	LS321416	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	12-14	14-16	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Volatile Organics								
1,1,1,2-Tetrachloroethane	NR	NR	ND(0.83)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NR	NR	ND(1.8)	ND(0.017)	NA	NA	NA	NA
1,1,1-Trichloroethane	NR	NR	ND(1.7)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane	NR	NR	ND(1.2)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,1,2-trichloro-1,2,2-trifluoroethane	NR	NR	ND(2.7)	ND(0.011)	NA	NA	NA	NA
1,1,2-Trichloroethane	NR	NR	ND(1.0)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,1-Dichloroethane	NR	NR	ND(1.2)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,1-Dichloroethene	NR	NR	ND(1.9)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2,3-Trichloropropane	NR	NR	ND(1.1)	ND(0.023)	ND(1.5)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2-Dibromo-3-chloropropane	NR	NR	ND(3.6)	ND(0.057)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2-Dibromoethane	NR	NR	ND(1.2)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2-Dichloroethane	NR	NR	ND(1.2)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2-Dichloroethene (total)	NR	NR	ND(3.2)	ND(0.052)	NA	NA	NA	NA
1,2-Dichloropropane	NR	NR	ND(0.21)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,4-Dioxane	NR	NR	ND(130)	ND(59)	ND(150)	ND(1.1)	ND(1.2)	ND(1.1)
2-Butanone	NR	NR	ND(1.2)	ND(0.040)	ND(1.5)	ND(0.011)	ND(0.012)	0.0010 J
2-Chloro-1,3-butadiene	NR	NR	NA	NA	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloroethylvinylether	NR	NR	ND(1.7)	ND(0.017)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
2-Hexanone	NR	NR	ND(1.4)	ND(0.040)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropene	NR	NR	ND(2.3)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
4-Methyl-2-pentanone	NR	NR	ND(1.4)	ND(0.029)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	NR	NR	ND(1.7)	0.0090 JB	0.37 BJ	0.022	0.010 J	0.013
Acetonitrile	NR	NR	ND(26)	ND(0.23)	ND(30)	ND(0.22)	ND(0.23)	ND(0.23)
Acrolein	NR	NR	ND(13)	ND(0.26)	ND(7.5)	ND(0.054)	ND(0.058)	ND(0.057)
Acrylonitrile	NR	NR	ND(18)	ND(0.24)	ND(7.5)	ND(0.054)	ND(0.058)	ND(0.057)
Benzene	NR	0.0070 J	ND(1.3)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Bromodichloromethane	NR	NR	ND(2.1)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Bromoform	NR	NR	ND(1.0)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Bromomethane	NR	NR	ND(2.6)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Carbon Disulfide	NR	NR	ND(2.3)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Carbon Tetrachloride	NR	NR	ND(1.4)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chlorobenzene	0.071 J	0.21	3.5	ND(0.017)	16	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chloroethane	NR	NR	ND(3.4)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chloroform	NR	NR	ND(1.6)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chloromethane	NR	NR	ND(4.0)	ND(0.040)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
cis-1,2-Dichloroethene	NR	NR	NA	ND(0.034)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
cis-1,3-Dichloropropene	NR	NR	ND(1.4)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
cis-1,4-Dichloro-2-butene	NR	NR	ND(1.4)	ND(0.023)	NA	NA	NA	NA
Crotonaldehyde	NR	NR	ND(23)	ND(0.63)	NA	NA	NA	NA
Dibromochloromethane	NR	NR	ND(0.71)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Dibromomethane	NR	NR	ND(1.4)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Dichlorodifluoromethane	NR	NR	NA	NA	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Ethyl Methacrylate	NR	NR	ND(1.2)	ND(0.029)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Ethylbenzene	0.014 J	NR	0.20 J	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Iodomethane	NR	NR	ND(1.6)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Isobutanol	NR	NR	ND(17)	ND(15)	ND(60)	ND(0.43)	ND(0.46)	ND(0.45)
m&p-Xylene	NR	NR	NA	ND(0.011)	NA	NA	NA	NA
Methacrylonitrile	NR	NR	ND(0.74)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Methyl Methacrylate	NR	NR	ND(2.2)	ND(0.057)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Methylene Chloride	NR	NR	0.30 J	0.032 B	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
o-Xylene	NR	NR	NA	ND(0.011)	NA	NA	NA	NA
Propionitrile	NR	NR	ND(11)	ND(0.68)	ND(6.0)	ND(0.043)	ND(0.046)	ND(0.045)
Styrene	NR	NR	ND(1.2)	ND(0.011)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Tetrachloroethene	NR	NR	ND(1.0)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Toluene	NR	NR	ND(1.8)	ND(0.017)	ND(0.75)	0.0040 J	0.0030 J	0.0030 J
trans-1,2-Dichloroethene	NR	NR	NA	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
trans-1,3-Dichloropropene	NR	NR	ND(1.4)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
trans-1,4-Dichloro-2-butene	NR	NR	ND(1.4)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Trichloroethene	3.0 D	0.11	ND(1.1)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane	NR	NR	ND(2.7)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Vinyl Acetate	NR	NR	ND(1.9)	ND(0.023)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
Vinyl Chloride	NR	NR	ND(3.5)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Xylenes (total)	NR	0.0020 J	1.1 J	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)

TABLE B-2
HISTORICAL 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)

Location ID:	LS-32	LS-32	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS321214	LS321416	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	12-14	14-16	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,2-Dichlorobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,2-Diphenylhydrazine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,3-Dichlorobenzene	NA	NA	NA	NA	1.7 J	ND(0.36)	ND(0.40)	ND(0.40)
1,3-Dinitrobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,4-Dichlorobenzene	NA	NA	NA	NA	8.3	ND(0.36)	ND(0.40)	ND(0.40)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,4,5-Trichlorophenol	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
2,4,6-Trichlorophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,4-Dichlorophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,4-Dimethylphenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,4-Dinitrophenol	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
2,4-Dinitrotoluene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,6-Dichlorophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,6-Dinitrotoluene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Acetylaminofluorene	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
2-Chloronaphthalene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Chlorophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Methylnaphthalene	NA	NA	NA	NA	ND(2.0)	0.085 J	ND(0.40)	ND(0.40)
2-Methylphenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Naphthylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Nitroaniline	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
2-Nitrophenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
3&4-Methylphenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
3,3'-Dichlorobenzidine	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
3-Methylcholanthrene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
4-Aminobiphenyl	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
4-Bromophenyl-phenylether	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
4-Chloro-3-Methylphenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
4-Chloroaniline	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
4-Chlorobenzilate	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
4-Chlorophenyl-phenylether	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
4-Nitrophenol	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
4-Phenylenediamine	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
5-Nitro-o-toluidine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Acenaphthene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Acenaphthylene	NA	NA	NA	NA	ND(2.0)	0.16 J	ND(0.40)	ND(0.40)
Acetophenone	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)

TABLE B-2
HISTORICAL 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)

Location ID:	LS-32	LS-32	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS321214	LS321416	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	12-14	14-16	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Semivolatile Organics (continued)								
Aniline	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Anthracene	NA	NA	NA	NA	ND(2.0)	0.22 J	ND(0.40)	ND(0.40)
Aramite	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
Benzal chloride	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Benzo(a)anthracene	NA	NA	NA	NA	ND(2.0)	0.58	ND(0.40)	ND(0.40)
Benzo(a)pyrene	NA	NA	NA	NA	ND(2.0)	0.49	ND(0.40)	ND(0.40)
Benzo(b)fluoranthene	NA	NA	NA	NA	ND(2.0)	0.56	ND(0.40)	ND(0.40)
Benzo(g,h,i)perylene	NA	NA	NA	NA	ND(2.0)	0.33 J	ND(0.40)	ND(0.40)
Benzo(k)fluoranthene	NA	NA	NA	NA	ND(2.0)	0.50	ND(0.40)	ND(0.40)
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Benzyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
bis(2-Chloroethyl)ether	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Butylbenzylphthalate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Chrysene	NA	NA	NA	NA	ND(2.0)	0.73	ND(0.40)	ND(0.40)
Cyclophosphamide	NA	NA	NA	NA	NA	NA	NA	NA
Diallate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	ND(2.0)	0.13 J	ND(0.40)	ND(0.40)
Dibenzofuran	NA	NA	NA	NA	ND(2.0)	0.091 J	ND(0.40)	ND(0.40)
Diethylphthalate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Dimethoate	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Di-n-Butylphthalate	NA	NA	NA	NA	ND(2.0)	0.11 BJ	0.049 BJ	0.12 BJ
Di-n-Octylphthalate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Diphenylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA	ND(2.0)	1.3	ND(0.40)	ND(0.40)
Fluorene	NA	NA	NA	NA	ND(2.0)	0.17 J	ND(0.40)	ND(0.40)
Hexachlorobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Hexachlorobutadiene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Hexachlorocyclopentadiene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Hexachloroethane	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Hexachlorophene	NA	NA	NA	NA	ND(9.9)	ND(1.8)	ND(2.0)	ND(2.0)
Hexachloropropene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	ND(2.0)	0.29 J	ND(0.40)	ND(0.40)
Isodrin	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Isosafrole	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Methapyrilene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Methyl Methanesulfonate	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Naphthalene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Nitrobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosodiethylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosodimethylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosodiphenylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosomethylethylamine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosomorpholine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosopiperidine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosopyrrolidine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LS-32	LS-32	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS321214	LS321416	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	12-14	14-16	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Semivolatile Organics (continued)								
o-Toluidine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Paraldehyde	NA	NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pentachlorobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pentachloroethane	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pentachloronitrobenzene	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pentachlorophenol	NA	NA	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
Phenacetin	NA	NA	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
Phenanthrene	NA	NA	NA	NA	ND(2.0)	1.8	ND(0.40)	ND(0.40)
Phenol	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pronamide	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pyrene	NA	NA	NA	NA	ND(2.0)	1.4	ND(0.40)	ND(0.40)
Pyridine	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Safrole	NA	NA	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Thionazin	NA	NA	NA	NA	NA	NA	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
4,4'-DDE	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
4,4'-DDT	NA	NA	NA	NA	7.6	0.0012 J	ND(0.0021)	ND(0.0021)
Aldrin	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Alpha-BHC	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Beta-BHC	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Delta-BHC	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Dieldrin	NA	NA	NA	NA	ND(4.1)	0.0020	ND(0.0021)	ND(0.0021)
Endosulfan I	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Endosulfan II	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Endosulfan Sulfate	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Endrin	NA	NA	NA	NA	ND(4.1)	0.0036	ND(0.0021)	ND(0.0021)
Endrin Aldehyde	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Heptachlor Epoxide	NA	NA	NA	NA	15	ND(0.0018)	ND(0.0021)	ND(0.0021)
Isodrin	NA	NA	NA	NA	ND(3.8)	ND(0.0017)	ND(0.0019)	ND(0.0019)
Kepone	NA	NA	NA	NA	ND(77)	ND(0.035)	ND(0.039)	ND(0.039)
Methoxychlor	NA	NA	NA	NA	ND(8.2)	ND(0.0037)	ND(0.0041)	ND(0.0041)
Technical Chlordane	NA	NA	NA	NA	ND(41)	ND(0.018)	ND(0.021)	ND(0.021)
Toxaphene	NA	NA	NA	NA	ND(160)	ND(0.073)	ND(0.081)	ND(0.081)
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
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	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)

TABLE B-2
HISTORICAL 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)

Location ID:	LS-32	LS-32	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS321214	LS321416	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	12-14	14-16	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	0.00015 Y	0.0000020 YJ	ND(0.00000015)	ND(0.00000015)
TCDFs (total)	NA	NA	NA	NA	0.0030	0.000027	ND(0.00000021)	ND(0.00000015)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	0.00011	ND(0.0000013)	ND(0.00000014)	ND(0.00000020)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	0.00052	ND(0.0000014)	ND(0.00000012)	ND(0.00000017)
PeCDFs (total)	NA	NA	NA	NA	0.0065	0.0000055	ND(0.00000014)	ND(0.00000020)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	ND(0.0027) E	ND(0.0000021)	ND(0.000000095)	ND(0.000000045)
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	0.0012	ND(0.00000088)	ND(0.00000012)	ND(0.000000055)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	ND(0.000026) E	ND(0.00000017)	ND(0.00000016)	ND(0.00000012)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	0.00056	ND(0.0000013)	ND(0.00000013)	ND(0.000000060)
HxCDFs (total)	NA	NA	NA	NA	0.0049	ND(0.0000037)	ND(0.00000024)	ND(0.00000017)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	0.0012	ND(0.0000035)	ND(0.00000024)	ND(0.00000024)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	0.0012	ND(0.00000050)	ND(0.00000032)	ND(0.00000033)
HpCDFs (total)	NA	NA	NA	NA	0.0038	ND(0.0000040)	ND(0.00000032)	ND(0.00000033)
OCDF	NA	NA	NA	NA	0.0012	ND(0.0000047)	ND(0.00000020)	ND(0.00000023)
Dioxins								
2,3,7,8-TCDD	NA	NA	NA	NA	0.0000039 J	ND(0.00000035)	ND(0.00000019)	ND(0.00000012)
TCDDs (total)	NA	NA	NA	NA	0.00054	0.0000029	ND(0.00000047)	ND(0.00000031)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.000018) E	ND(0.00000048)	ND(0.00000022)	ND(0.00000011)
PeCDDs (total)	NA	NA	NA	NA	0.00023	ND(0.0000019)	ND(0.00000065)	ND(0.00000011)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	0.000017	ND(0.00000044)	ND(0.00000028)	ND(0.00000020)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	0.000055	ND(0.00000086)	ND(0.00000030)	ND(0.00000021)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	0.000043	ND(0.0000020)	ND(0.00000030)	ND(0.00000021)
HxCDDs (total)	NA	NA	NA	NA	0.00077	ND(0.0000050)	ND(0.00000030)	ND(0.00000021)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	0.00019	0.000013	ND(0.00000035)	ND(0.00000025)
HpCDDs (total)	NA	NA	NA	NA	0.00049	0.000031	ND(0.00000058)	ND(0.00000025)
OCDD	NA	NA	NA	NA	0.00089	0.00074	ND(0.0000056)	ND(0.0000019)
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.00064	0.0000016	0.00000032	0.00000022
Inorganics								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	3.80 BN	ND(1.80) N	ND(1.80) N
Arsenic	NA	NA	NA	NA	NA	11.0	3.50	3.60
Barium	NA	NA	NA	NA	NA	32.8	10.9 B	12.3 B
Beryllium	NA	NA	NA	NA	NA	0.320 B	0.160 B	0.130 B
Cadmium	NA	NA	NA	NA	NA	0.950	ND(0.210)	ND(0.210)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	25.6	10.1	8.20
Cobalt	NA	NA	NA	NA	NA	10.8	13.2	10.9
Copper	NA	NA	NA	NA	NA	461	25.7	23.5
Cyanide	NA	NA	NA	NA	NA	ND(2.70)	ND(3.00)	ND(3.00)
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	190 EN*	8.90 N*	6.70 N*
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	ND(0.110) N	ND(0.120) N	ND(0.120) N
Nickel	NA	NA	NA	NA	NA	32.9	20.7	17.4
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	2.70	1.40	1.20
Silver	NA	NA	NA	NA	NA	ND(0.290)	ND(0.330)	ND(0.330)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	ND(241)	ND(217)	ND(241)	ND(242)
Thallium	NA	NA	NA	NA	NA	ND(0.450)	ND(0.490)	ND(0.500)
Tin	NA	NA	NA	NA	NA	23.0	ND(1.40)	ND(1.40)
Vanadium	NA	NA	NA	NA	NA	29.4	8.00	6.00 B
Zinc	NA	NA	NA	NA	NA	296 E	58.4	49.8

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95	LSSC-02 LSSC-02-CS1015 10-15 12/21/98
Volatile Organics					
1,1,1,2-Tetrachloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NR	NA	NA	NA	NA
1,1,1-Trichloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,1,2,2-Tetrachloroethane	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NR	NA	NA	NA	NA
1,1,2-Trichloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,1-Dichloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,1-Dichloroethene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,2,3-Trichloropropane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,2-Dibromo-3-chloropropane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,2-Dibromoethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,2-Dichloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,2-Dichloroethene (total)	ND(0.0070)	NA	NA	NA	NA
1,2-Dichloropropane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
1,4-Dioxane	NR	ND(1.0)	ND(1.0)	ND(1.0) [ND(1.1)]	NA
2-Butanone	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
2-Chloro-1,3-butadiene	NR	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
2-Chloroethylvinylether	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
2-Hexanone	NR	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
3-Chloropropene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
4-Methyl-2-pentanone	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
Acetone	0.053	0.031 B	0.028 B	0.033 B [0.064 B]	NA
Acetonitrile	NR	ND(0.21)	ND(0.21)	ND(0.20) [ND(0.21)]	NA
Acrolein	NR	ND(0.052)	ND(0.052)	ND(0.051) [ND(0.053)]	NA
Acrylonitrile	ND(0.27)	ND(0.052)	ND(0.052)	ND(0.051) [ND(0.053)]	NA
Benzene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Bromodichloromethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Bromoform	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Bromomethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Carbon Disulfide	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Carbon Tetrachloride	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Chlorobenzene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Chloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Chloroform	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Chloromethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
cis-1,2-Dichloroethene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
cis-1,3-Dichloropropene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
cis-1,4-Dichloro-2-butene	NR	NA	NA	NA	NA
Crotonaldehyde	NR	NA	NA	NA	NA
Dibromochloromethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Dibromomethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Dichlorodifluoromethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Ethyl Methacrylate	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Ethylbenzene	0.036	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Iodomethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Isobutanol	NR	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.42)]	NA
m&p-Xylene	NR	NA	NA	NA	NA
Methacrylonitrile	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Methyl Methacrylate	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Methylene Chloride	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
o-Xylene	NR	NA	NA	NA	NA
Propionitrile	NR	ND(0.041)	ND(0.042)	ND(0.041) [ND(0.042)]	NA
Styrene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Tetrachloroethene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Toluene	ND(0.0070)	0.0020 J	0.012	0.0030 J [0.0030 J]	NA
trans-1,2-Dichloroethene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
trans-1,3-Dichloropropene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
trans-1,4-Dichloro-2-butene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Trichloroethene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Trichlorofluoromethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Vinyl Acetate	NR	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]	NA
Vinyl Chloride	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA
Xylenes (total)	0.023 X	ND(0.0050)	0.0030 JZ	ND(0.0050) [0.0010 JZ]	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95	LSSC-02 LSSC-02-CS1015 10-15 12/21/98
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NR	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NR	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NR	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,2-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,2-Diphenylhydrazine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,3,5-Trichlorobenzene	NR	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
1,3-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,3-Dinitrobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,4-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
1,4-Dinitrobenzene	NR	NA	NA	NA	NA
1,4-Naphthoquinone	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
1-Chloronaphthalene	NR	NA	NA	NA	NA
1-Methylnaphthalene	NR	NA	NA	NA	NA
1-Naphthylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,3,4,6-Tetrachlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,4,5-Trichlorophenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(0.40)
2,4,6-Trichlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,4-Dichlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,4-Dimethylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,4-Dinitrophenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
2,4-Dinitrotoluene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,6-Dichlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2,6-Dinitrotoluene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Acetylaminofluorene	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(0.79)
2-Chloronaphthalene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Chlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Methylnaphthalene	0.97	ND(0.33)	0.036 J	ND(0.34) [ND(0.34)]	ND(0.40)
2-Methylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Naphthylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Nitroaniline	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
2-Nitrophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
2-Phenylenediamine	NR	NA	NA	NA	NA
2-Picoline	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(0.79)
3&4-Methylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
3,3'-Dichlorobenzidine	ND(1.8)	ND(0.67)	0.075 J	ND(0.69) [ND(0.69)]	ND(1.9)
3,3'-Dimethoxybenzidine	NR	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(1.9)
3-Methylcholanthrene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
3-Methylphenol	NR	NA	NA	NA	NA
3-Nitroaniline	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
3-Phenylenediamine	NR	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NR	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
4-Aminobiphenyl	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(1.9)
4-Bromophenyl-phenylether	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
4-Chloro-3-Methylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
4-Chloroaniline	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
4-Chlorobenzilate	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(0.40)
4-Chlorophenyl-phenylether	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
4-Methylphenol	NR	NA	NA	NA	NA
4-Nitroaniline	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
4-Nitrophenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
4-Nitroquinoline-1-oxide	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(4.0)
4-Phenylenediamine	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(4.0)
5-Nitro-o-toluidine	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
7,12-Dimethylbenz(a)anthracene	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(0.79)
a,a'-Dimethylphenethylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
Acenaphthene	0.58 J	ND(0.33)	0.066 J	ND(0.34) [ND(0.34)]	ND(0.40)
Acenaphthylene	0.11 J	ND(0.33)	0.096 J	0.099 J [0.095 J]	ND(0.40)
Acetophenone	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95	LSSC-02 LSSC-02-CS1015 10-15 12/21/98
Semivolatile Organics (continued)					
Aniline	ND(0.89)	ND(0.33)	1.9	0.67 [0.51]	ND(0.40)
Anthracene	ND(0.89)	ND(0.33)	0.14 J	0.080 J [0.11 J]	ND(0.40)
Aramite	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(1.9)
Benzal chloride	NR	NA	NA	NA	NA
Benzidine	ND(0.89)	ND(0.33)	0.097 J	ND(0.34) [ND(0.34)]	ND(4.0)
Benzo(a)anthracene	0.14 JX	0.036 J	0.56	0.41 [0.56]	ND(0.40)
Benzo(a)pyrene	0.24 J	0.038 J	0.86	0.58 [0.68]	ND(0.40)
Benzo(b)fluoranthene	0.11 JX	0.037 J	0.87	0.73 [0.76]	ND(0.40)
Benzo(g,h,i)perylene	0.19 J	ND(0.33)	0.21 J	0.18 J [0.19 J]	ND(0.40)
Benzo(k)fluoranthene	0.24 JX	0.039 J	1.0	0.59 [0.82]	ND(0.40)
Benzoic Acid	NR	NA	NA	NA	NA
Benzotrichloride	NR	NA	NA	NA	NA
Benzyl Alcohol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Benzyl Chloride	NR	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
bis(2-Chloroethyl)ether	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
bis(2-Chloroisopropyl)ether	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
bis(2-Ethylhexyl)phthalate	0.40 J	ND(0.33)	0.059 J	0.052 J [0.077 J]	0.46
Butylbenzylphthalate	ND(0.89)	ND(0.33)	ND(0.34)	0.050 J [0.056 J]	ND(0.40)
Chrysene	0.17 J	0.047 J	0.83	0.78 [1.2]	ND(0.40)
Cyclophosphamide	NR	NA	NA	NA	NA
Diallate	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Diallate (cis isomer)	NR	NA	NA	NA	NA
Diallate (trans isomer)	NR	NA	NA	NA	NA
Dibenz(a,j)acridine	NR	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.89)	ND(0.33)	0.10 J	0.057 J [0.088 J]	ND(0.40)
Dibenzofuran	ND(0.89)	ND(0.33)	0.037 J	ND(0.34) [ND(0.34)]	ND(0.40)
Diethylphthalate	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Dimethoate	NR	NA	NA	NA	NA
Dimethylphthalate	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Di-n-Butylphthalate	ND(0.89)	ND(0.33)	0.21 J	0.19 J [0.18 J]	ND(0.40)
Di-n-Octylphthalate	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Diphenylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Ethyl Methacrylate	NR	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Famphur	NR	NA	NA	NA	NA
Fluoranthene	0.10 J	0.079 J	1.3	1.1 [1.3]	ND(0.40)
Fluorene	0.17 J	ND(0.33)	0.076 J	ND(0.34) [0.038 J]	ND(0.16)
Hexachlorobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Hexachlorobutadiene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Hexachlorocyclopentadiene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
Hexachloroethane	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Hexachlorophene	NR	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NA
Hexachloropropene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.6)
Indeno(1,2,3-cd)pyrene	0.12 J	ND(0.33)	0.27 J	0.19 J [0.24 J]	ND(0.40)
Isodrin	NR	NA	NA	NA	NA
Isophorone	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Isosafrole	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Methapyriiene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
Methyl Methanesulfonate	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Naphthalene	4.7	ND(0.33)	0.044 J	ND(0.34) [ND(0.34)]	ND(0.40)
Nitrobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosodiethylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosodimethylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitroso-di-n-butylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitroso-di-n-propylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosodiphenylamine	ND(0.89)	ND(0.33)	0.076 J	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosomethylethylamine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosomorpholine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosopiperidine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
N-Nitrosopyrrolidine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
o,o,o-Triethylphosphorothioate	NR	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LS-45	LS-C18	LS-GWP-33	LS-GWP-34	LSSC-02
Sample ID:	L45B1012	LS-C-18	LS-GWP-33	LS-GWP-34	LSSC-02-CS1015
Sample Depth(Feet):	10-12	0-0.5	0-0.5	0-0.5	10-15
Parameter Date Collected:	04/25/96	08/30/95	08/30/95	08/30/95	12/21/98
Semivolatile Organics (continued)					
o-Toluidine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Paraldehyde	NR	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Pentachlorobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Pentachloroethane	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
Pentachloronitrobenzene	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(1.9)
Pentachlorophenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]	ND(1.9)
Phenacetin	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]	ND(0.79)
Phenanthrene	0.11 J	0.053 J	0.80	0.56 [0.63]	ND(0.40)
Phenol	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.40)
Pronamide	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Pyrene	0.24 J	0.067 J	0.93	0.90 [1.1]	ND(0.40)
Pyridine	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Safrole	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)
Thionazin	NR	NA	NA	NA	NA
Total Phenols	NR	NA	NA	NA	NA
Organochlorine Pesticides					
4,4'-DDD	ND(0.0043)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
4,4'-DDE	ND(0.0043)	ND(0.0017)	0.18 J	0.014 J [0.010 J]	NA
4,4'-DDT	ND(0.0043)	ND(0.0017)	ND(0.35)	0.031 [ND(0.018)]	NA
Aldrin	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Alpha-BHC	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Beta-BHC	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Delta-BHC	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Dieldrin	ND(0.0043)	ND(0.0017)	ND(0.35)	0.036 [ND(0.018)]	NA
Endosulfan I	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Endosulfan II	ND(0.0043)	ND(0.0017)	ND(0.35)	0.017 J [ND(0.018)]	NA
Endosulfan Sulfate	ND(0.0043)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Endrin	ND(0.0043)	ND(0.0017)	ND(0.35)	0.073 [ND(0.018)]	NA
Endrin Aldehyde	ND(0.0043)	0.0032	ND(0.35)	ND(0.018) [0.027]	NA
Gamma-BHC (Lindane)	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Heptachlor	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Heptachlor Epoxide	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]	NA
Isodrin	NR	ND(0.0016)	ND(0.33)	ND(0.017) [ND(0.017)]	NA
Kepone	ND(0.0043)	ND(0.032)	ND(6.6)	ND(0.33) [ND(0.33)]	NA
Methoxychlor	ND(0.0022)	ND(0.0034)	ND(0.70)	ND(0.035) [ND(0.035)]	NA
Technical Chlordane	ND(0.0022)	ND(0.017)	ND(3.5)	ND(0.18) [ND(0.18)]	NA
Toxaphene	ND(0.0043)	ND(0.068)	ND(14)	ND(0.70) [ND(0.70)]	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA
Herbicides					
2,4,5-T	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA
Dinoseb	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]	ND(0.79)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95	LSSC-02 LSSC-02-CS1015 10-15 12/21/98
Furans					
2,3,7,8-TCDF	ND(0.00000045)	ND(0.00000051)	0.000084 Y	0.00014 Y [0.00015 Y]	ND(0.00000045)
TCDFs (total)	ND(0.00000045)	ND(0.00000051)	0.00067	0.00086 [0.00088]	ND(0.0000016)
1,2,3,7,8-PeCDF	ND(0.00000031)	ND(0.00000016)	0.000028	0.000051 [0.000052]	ND(0.00000033)
2,3,4,7,8-PeCDF	ND(0.00000028)	ND(0.00000018)	0.000058 J	0.000043 [0.000048]	ND(0.00000034)
PeCDFs (total)	ND(0.00000043)	ND(0.00000089)	0.0014	0.00049 [0.00054]	ND(0.00000077)
1,2,3,4,7,8-HxCDF	ND(0.00000047)	ND(0.00000029)	0.000063	0.000065 [0.000064]	ND(0.00000084)
1,2,3,6,7,8-HxCDF	ND(0.00000019)	ND(0.00000020)	0.000061	0.000036 [0.000040]	ND(0.00000036)
1,2,3,7,8,9-HxCDF	ND(0.00000031)	ND(0.00000011)	0.0000098 J	ND(0.0000014) [ND(0.0000017)]	ND(0.000000059)
2,3,4,6,7,8-HxCDF	ND(0.00000020)	ND(0.00000027)	0.00018	0.000042 [0.000043]	ND(0.00000016)
HxCDFs (total)	ND(0.00000047)	ND(0.0000015)	0.0014	0.00039 [0.00039]	ND(0.00000084)
1,2,3,4,6,7,8-HpCDF	ND(0.00000061)	ND(0.0000015)	0.00023	0.00020 [0.00020]	ND(0.00000092)
1,2,3,4,7,8,9-HpCDF	ND(0.00000084)	ND(0.00000027)	0.000021	0.000016 [0.000016]	ND(0.00000027)
HpCDFs (total)	ND(0.00000084)	ND(0.0000018)	0.00057	0.00045 [0.00045]	ND(0.00000092)
OCDF	ND(0.0000014)	ND(0.0000036)	0.00013	0.00046 [0.00049]	ND(0.0000013)
Dioxins					
2,3,7,8-TCDD	ND(0.00000036)	ND(0.00000022)	0.0000013 J	0.0000082 [0.0000088]	ND(0.00000030)
TCDDs (total)	ND(0.00000036)	ND(0.00000040)	0.0000052	0.000015 [0.000027]	0.0000050
1,2,3,7,8-PeCDD	ND(0.00000020)	ND(0.00000017)	ND(0.0000021)	ND(0.0000041) [ND(0.0000040)]	ND(0.00000059)
PeCDDs (total)	ND(0.00000020)	ND(0.00000020)	ND(0.0000048)	0.0000053 [ND(0.000010)]	ND(0.00000087)
1,2,3,4,7,8-HxCDD	ND(0.00000045)	ND(0.00000012)	ND(0.0000023)	0.0000054 J [ND(0.0000051)]	ND(0.000000098)
1,2,3,6,7,8-HxCDD	ND(0.00000043)	ND(0.00000036)	ND(0.0000050)	0.000014 [0.000015]	ND(0.00000016)
1,2,3,7,8,9-HxCDD	ND(0.00000047)	ND(0.00000032)	ND(0.0000049)	0.000013 [0.000013]	ND(0.00000019)
HxCDDs (total)	ND(0.00000047)	ND(0.00000077)	0.000045	0.00012 [0.00012]	ND(0.00000019)
1,2,3,4,6,7,8-HpCDD	ND(0.00000048)	ND(0.0000043)	0.000071	0.00023 [0.00024]	ND(0.00000088)
HpCDDs (total)	ND(0.00000048)	ND(0.0000043)	0.00019	0.00042 [0.00043]	ND(0.00000088)
OCDD	ND(0.0000049)	0.000033	0.00057	0.0012 [0.0013]	ND(0.0000057)
Total TEQs (WHO TEFs)	0.00000052	0.00000039	0.000076	0.000071 [0.000075]	0.00000066
Inorganics					
Aluminum	NR	NA	NA	NA	NA
Antimony	ND(3.2)	ND(1.50) N	ND(1.50) N	ND(1.50) N [3.20 BN]	0.770 B
Arsenic	1.6	5.70 E*	9.70 E*	5.10 E* [5.40 E*]	7.20
Barium	20.8 B	21.9	33.5	49.2 [47.8]	102
Beryllium	0.25 B	0.210 B	0.270 B	0.290 B [0.280 B]	0.370 B
Cadmium	ND(0.32)	ND(0.170)	ND(0.170)	0.510 B [0.470 B]	0.180 B
Calcium	NR	NA	NA	NA	NA
Chromium	7.3	9.80	12.5	8.80 [8.80]	10.8
Cobalt	6.3 B	11.4	7.80	7.60 [7.50]	8.80
Copper	10.5	24.0 *	76.2 *	44.1 * [43.2 *]	28.9
Cyanide	ND(3.4)	ND(2.50)	ND(2.60)	ND(2.60) [ND(2.60)]	ND(3.00)
Iron	NR	NA	NA	NA	NA
Lead	5.9	12.6	72.2	108 [106]	12.7
Magnesium	NR	NA	NA	NA	NA
Manganese	NR	NA	NA	NA	NA
Mercury	ND(0.13)	ND(0.100) N	0.620 N	0.180 N [0.170 N]	ND(0.120)
Nickel	8.7	17.5	15.1	15.1 [15.2]	14.1
Potassium	NR	NA	NA	NA	NA
Selenium	ND(0.38)	0.960	1.00	1.20 [0.900]	ND(0.600)
Silver	ND(0.38)	0.280 B	ND(0.280)	ND(0.280) [ND(0.280)]	ND(1.20)
Sodium	NR	NA	NA	NA	NA
Sulfide	ND(269)	ND(202)	ND(205)	296 [296]	ND(240)
Thallium	ND(0.65)	ND(0.410)	ND(0.420)	ND(0.430) [ND(0.430)]	ND(1.20)
Tin	ND(2.2)	ND(1.20)	ND(1.20)	ND(1.20) [ND(1.20)]	ND(12.0)
Vanadium	6.9	8.30	16.1	18.8 [18.8]	13.6
Zinc	35.6 N	52.0 E	109 E	299 E [300 E]	28.7

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 / LSSC-02-SS08 / 12-14 / 12/21/98	LSSC-03 / LSSC-03-SS06 / 8-10 / 12/16/98	LSSC-04 / LSSC-04-CS0610 / 6-10 / 12/14/98	LSSC-06 / LSSC-06-CS1015 / 10-15 / 12/15/98	LSSC-06 / LSSC-06-SS09 / 14-15 / 12/15/98	LSSC-07 / LSSC-07-CS1015 / 10-15 / 12/18/98
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	53	NA
1,1-Dichloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,1-Dichloroethene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
1,2-Dibromoethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,2-Dichloroethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
1,4-Dioxane	ND(0.55)	ND(0.61)	ND(0.60)	NA	ND(210)	NA
2-Butanone	ND(0.022)	ND(0.024)	ND(0.024)	NA	ND(8.2)	NA
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
2-Chloroethylvinylether	ND(0.055)	ND(0.061)	ND(0.060)	NA	ND(21)	NA
2-Hexanone	ND(0.022)	ND(0.024)	ND(0.024)	NA	ND(8.2)	NA
3-Chloropropene	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
4-Methyl-2-pentanone	ND(0.022)	ND(0.024)	ND(0.024)	NA	ND(8.2)	NA
Acetone	ND(0.022)	0.0062 J	0.051	NA	ND(8.2)	NA
Acetonitrile	ND(0.11)	ND(0.12)	ND(0.12)	NA	ND(41)	NA
Acrolein	ND(0.11)	ND(0.12)	ND(0.12)	NA	ND(41)	NA
Acrylonitrile	ND(0.11)	ND(0.12)	ND(0.12)	NA	ND(41)	NA
Benzene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Bromodichloromethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Bromoform	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Bromomethane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Carbon Disulfide	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Carbon Tetrachloride	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Chlorobenzene	ND(0.0055)	0.0018 J	ND(0.0060)	NA	ND(2.1)	NA
Chloroethane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Chloroform	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Chloromethane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
cis-1,2-Dichloroethene	ND(0.0027)	ND(0.0030)	ND(0.0030)	NA	ND(1.0)	NA
cis-1,3-Dichloropropene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Dibromomethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Dichlorodifluoromethane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Ethyl Methacrylate	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Ethylbenzene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Iodomethane	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Isobutanol	ND(0.22)	ND(0.24)	ND(0.24)	NA	ND(82)	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Methyl Methacrylate	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Methylene Chloride	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.022)	ND(0.024)	ND(0.024)	NA	ND(8.2)	NA
Styrene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Tetrachloroethene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Toluene	ND(0.0055)	ND(0.0061)	0.0013 J	NA	ND(2.1)	NA
trans-1,2-Dichloroethene	ND(0.0027)	ND(0.0030)	ND(0.0030)	NA	ND(1.0)	NA
trans-1,3-Dichloropropene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Trichloroethene	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA
Trichlorofluoromethane	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Vinyl Acetate	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Vinyl Chloride	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(4.1)	NA
Xylenes (total)	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA	ND(2.1)	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 LSSC-02-SS08 12-14 12/21/98	LSSC-03 LSSC-03-SS06 8-10 12/16/98	LSSC-04 LSSC-04-CS0610 6-10 12/14/98	LSSC-06 LSSC-06-CS1015 10-15 12/15/98	LSSC-06 LSSC-06-SS09 14-15 12/15/98	LSSC-07 LSSC-07-CS1015 10-15 12/18/98
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,2,4-Trichlorobenzene	NA	NA	ND(0.40)	150	NA	ND(0.45)
1,2-Dichlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,2-Diphenylhydrazine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
1,3-Dichlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,3-Dinitrobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,4-Dichlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,4,5-Trichlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,4,6-Trichlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,4-Dichlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,4-Dimethylphenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,4-Dinitrophenol	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
2,4-Dinitrotoluene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,6-Dichlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2,6-Dinitrotoluene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Acetylaminofluorene	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
2-Chloronaphthalene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Chlorophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Methylnaphthalene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Methylphenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Naphthylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Nitroaniline	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
2-Nitrophenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
3&4-Methylphenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
3,3'-Dichlorobenzidine	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
3-Methylcholanthrene	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
4-Aminobiphenyl	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
4-Bromophenyl-phenylether	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
4-Chloro-3-Methylphenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
4-Chloroaniline	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
4-Chlorobenzilate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
4-Chlorophenyl-phenylether	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
4-Nitrophenol	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
4-Nitroquinoline-1-oxide	NA	NA	ND(4.0)	ND(870)	NA	ND(4.5)
4-Phenylenediamine	NA	NA	ND(4.0)	ND(870)	NA	ND(4.5)
5-Nitro-o-toluidine	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
a,a'-Dimethylphenethylamine	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Acenaphthene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Acenaphthylene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Acetophenone	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 / LSSC-02-SS08 / 12-14 / 12/21/98	LSSC-03 / LSSC-03-SS06 / 8-10 / 12/16/98	LSSC-04 / LSSC-04-CS0610 / 6-10 / 12/14/98	LSSC-06 / LSSC-06-CS1015 / 10-15 / 12/15/98	LSSC-06 / LSSC-06-SS09 / 14-15 / 12/15/98	LSSC-07 / LSSC-07-CS1015 / 10-15 / 12/18/98
Semivolatile Organics (continued)						
Aniline	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Anthracene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Aramite	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	NA	NA	ND(4.0)	ND(870)	NA	ND(4.5)
Benzo(a)anthracene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Benzo(a)pyrene	NA	NA	ND(0.40)	ND(87)	NA	0.64
Benzo(b)fluoranthene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Benzo(g,h,i)perylene	NA	NA	ND(0.40)	ND(87)	NA	0.045 J
Benzo(k)fluoranthene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
bis(2-Chloroethyl)ether	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
bis(2-Ethylhexyl)phthalate	NA	NA	0.19 J	ND(87)	NA	0.39 J
Butylbenzylphthalate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Chrysene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Dibenzofuran	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Diethylphthalate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Di-n-Butylphthalate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Di-n-Octylphthalate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Diphenylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Famphur	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Fluorene	NA	NA	ND(0.16)	ND(34)	NA	ND(0.18)
Hexachlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Hexachlorobutadiene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Hexachlorocyclopentadiene	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Hexachloroethane	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	NA	NA	ND(1.6)	ND(340)	NA	ND(1.8)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Isosafrole	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Methapyrilene	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Methyl Methanesulfonate	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Naphthalene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Nitrobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosodiethylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosodimethylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosodiphenylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosomethylethylamine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosomorpholine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosopiperidine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
N-Nitrosopyrrolidine	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 / LSSC-02-SS08 / 12-14 / 12/21/98	LSSC-03 / LSSC-03-SS06 / 8-10 / 12/16/98	LSSC-04 / LSSC-04-CS0610 / 6-10 / 12/14/98	LSSC-06 / LSSC-06-CS1015 / 10-15 / 12/15/98	LSSC-06 / LSSC-06-SS09 / 14-15 / 12/15/98	LSSC-07 / LSSC-07-CS1015 / 10-15 / 12/18/98
Semivolatile Organics (continued)						
o-Toluidine	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Pentachlorobenzene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Pentachloroethane	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Pentachloronitrobenzene	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Pentachlorophenol	NA	NA	ND(1.9)	ND(420)	NA	ND(2.2)
Phenacetin	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Phenanthrene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Phenol	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Pronamide	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Pyrene	NA	NA	ND(0.40)	ND(87)	NA	ND(0.45)
Pyridine	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Safrole	NA	NA	ND(0.80)	ND(170)	NA	ND(0.91)
Thionazin	NA	NA	NA	NA	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA
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
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
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Isodrin	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
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	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	ND(0.80)	ND(170)	NA	ND(0.91)

TABLE B-2
HISTORICAL 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)

Location ID:	LSSC-02	LSSC-03	LSSC-04	LSSC-06	LSSC-06	LSSC-07
Sample ID:	LSSC-02-SS08	LSSC-03-SS06	LSSC-04-CS0610	LSSC-06-CS1015	LSSC-06-SS09	LSSC-07-CS1015
Sample Depth(Feet):	12-14	8-10	6-10	10-15	14-15	10-15
Parameter Date Collected:	12/21/98	12/16/98	12/14/98	12/15/98	12/15/98	12/18/98
Furans						
2,3,7,8-TCDF	NA	NA	0.000023 Y	0.00016 Y	NA	0.0000014 Y
TCDFs (total)	NA	NA	0.00016	0.0040	NA	0.000022
1,2,3,7,8-PeCDF	NA	NA	0.000015	0.00036	NA	ND(0.0000018)
2,3,4,7,8-PeCDF	NA	NA	0.0000085	0.0016	NA	ND(0.0000018)
PeCDFs (total)	NA	NA	0.00016	0.012	NA	0.000015
1,2,3,4,7,8-HxCDF	NA	NA	0.000015	0.0065 E	NA	0.0000039 J
1,2,3,6,7,8-HxCDF	NA	NA	0.000015	0.0029 E	NA	ND(0.0000034)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000044)	0.000096	NA	ND(0.00000011)
2,3,4,6,7,8-HxCDF	NA	NA	0.0000071	0.00033	NA	ND(0.0000015)
HxCDFs (total)	NA	NA	0.00014	0.017	NA	0.000033
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000020	0.0024	NA	0.0000058 J
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000042 J	0.0027	NA	ND(0.0000013)
HpCDFs (total)	NA	NA	0.000055	0.0078	NA	0.000015
OCDF	NA	NA	0.000014	0.0027	NA	ND(0.0000062)
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.00000038)	ND(0.0000040) Q	NA	ND(0.00000033)
TCDDs (total)	NA	NA	0.000014	0.00053	NA	ND(0.00000033)
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000010)	0.000035	NA	ND(0.00000084)
PeCDDs (total)	NA	NA	ND(0.0000080)	0.00048	NA	ND(0.00000084)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000010)	0.000041	NA	ND(0.00000022)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000010)	0.000076	NA	ND(0.00000041)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000020)	0.000043	NA	ND(0.00000039)
HxCDDs (total)	NA	NA	0.000014	0.0013	NA	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0000048 J	0.00038	NA	ND(0.0000023)
HpCDDs (total)	NA	NA	0.000011	0.00089	NA	ND(0.0000023)
OCDD	NA	NA	0.000051	0.0021	NA	0.000011 J
Total TEQs (WHO TEFs)	NA	NA	0.000012	0.0019	NA	0.0000020
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	1.50	ND(1.30)	NA	0.420 B
Arsenic	NA	NA	10.1	2.30	NA	2.10
Barium	NA	NA	56.3	40.0	NA	29.4
Beryllium	NA	NA	0.520 B	0.280 B	NA	0.260 B
Cadmium	NA	NA	0.660	0.0850 B	NA	0.130 B
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	20.0	8.40	NA	8.10
Cobalt	NA	NA	9.00	6.90	NA	7.60
Copper	NA	NA	64.4	30.9	NA	9.80
Cyanide	NA	NA	ND(3.00)	ND(3.30)	NA	ND(3.40)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	NA	48.8	12.3	NA	6.70
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	0.0380 B	ND(0.130)	NA	ND(0.140)
Nickel	NA	NA	17.3	11.7	NA	11.7
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	ND(0.600)	0.390 B	NA	ND(0.690)
Silver	NA	NA	ND(1.20)	ND(1.30)	NA	ND(1.40)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	ND(241)	399	NA	ND(275)
Thallium	NA	NA	0.620 B	ND(1.30)	NA	ND(1.40)
Tin	NA	NA	ND(12.1)	3.20 B	NA	ND(13.8)
Vanadium	NA	NA	24.3	8.10	NA	8.40
Zinc	NA	NA	43.2	50.1	NA	43.2

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,1,2,2-Tetrachloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,1-Dichloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,1-Dichloroethene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,2,3-Trichloropropane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,2-Dibromo-3-chloropropane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
1,2-Dibromoethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,2-Dichloroethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
1,4-Dioxane	ND(0.73)	NA	ND(3.8)	NA	ND(0.67)	NA
2-Butanone	ND(0.029)	NA	ND(0.15)	NA	ND(0.027)	NA
2-Chloro-1,3-butadiene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
2-Chloroethylvinylether	ND(0.073)	NA	ND(0.38)	NA	ND(0.067)	NA
2-Hexanone	ND(0.029)	NA	ND(0.15)	NA	ND(0.027)	NA
3-Chloropropene	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
4-Methyl-2-pentanone	ND(0.029)	NA	ND(0.15)	NA	ND(0.027)	NA
Acetone	0.15	NA	1.2	NA	0.063	NA
Acetonitrile	ND(0.15)	NA	ND(0.76)	NA	ND(0.13)	NA
Acrolein	ND(0.15)	NA	ND(0.76)	NA	ND(0.13)	NA
Acrylonitrile	ND(0.15)	NA	ND(0.76)	NA	ND(0.13)	NA
Benzene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Bromodichloromethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Bromoform	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Bromomethane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Carbon Disulfide	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Carbon Tetrachloride	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Chlorobenzene	ND(0.0073)	NA	ND(0.038)	NA	0.15	NA
Chloroethane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Chloroform	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Chloromethane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
cis-1,2-Dichloroethene	ND(0.0037)	NA	ND(0.019)	NA	ND(0.0033)	NA
cis-1,3-Dichloropropene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Dibromomethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Dichlorodifluoromethane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Ethyl Methacrylate	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Ethylbenzene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Iodomethane	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Isobutanol	ND(0.29)	NA	ND(1.5)	NA	ND(0.27)	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Methyl Methacrylate	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Methylene Chloride	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.029)	NA	ND(0.15)	NA	ND(0.027)	NA
Styrene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Tetrachloroethene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Toluene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
trans-1,2-Dichloroethene	ND(0.0037)	NA	ND(0.019)	NA	ND(0.0033)	NA
trans-1,3-Dichloropropene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
trans-1,4-Dichloro-2-butene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Trichloroethene	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA
Trichlorofluoromethane	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Vinyl Acetate	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Vinyl Chloride	ND(0.015)	NA	ND(0.076)	NA	ND(0.013)	NA
Xylenes (total)	ND(0.0073)	NA	ND(0.038)	NA	ND(0.0067)	NA

TABLE B-2
HISTORICAL 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)

Location ID:	LSSC-07	LSSC-08	LSSC-08	LSSC-09	LSSC-09	LSSC-10
Sample ID:	LSSC-07-SS08	LSSC-08-CS1015	LSSC-08-SS09	LSSC-09-CS1015	LSSC-09-SS08	LSSC-10-CS1015
Sample Depth(Feet):	12-14	10-15	14-15	10-15	12-14	10-15
Parameter Date Collected:	12/18/98	12/16/98	12/16/98	12/16/98	12/16/98	12/23/98
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.46)	NA	0.36 J	NA	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,2-Diphenylhydrazine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
1,3-Dichlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,3-Dinitrobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,4-Dichlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,3,4,6-Tetrachlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,4,5-Trichlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,4,6-Trichlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,4-Dinitrophenol	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
2,4-Dinitrotoluene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,6-Dichlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2,6-Dinitrotoluene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Acetylaminofluorene	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
2-Chloronaphthalene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Chlorophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Methylnaphthalene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Methylphenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Naphthylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Nitroaniline	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
2-Nitrophenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
3&4-Methylphenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
3,3'-Dichlorobenzidine	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
3-Methylcholanthrene	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
4-Aminobiphenyl	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
4-Bromophenyl-phenylether	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
4-Chloro-3-Methylphenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
4-Chloroaniline	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
4-Chlorobenzilate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
4-Chlorophenyl-phenylether	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
4-Nitrophenol	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
4-Nitroquinoline-1-oxide	NA	ND(4.6)	NA	ND(4.8)	NA	ND(3.8)
4-Phenylenediamine	NA	ND(4.6)	NA	ND(4.8)	NA	ND(3.8)
5-Nitro-o-toluidine	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
a,a'-Dimethylphenethylamine	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Acenaphthene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Acenaphthylene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Acetophenone	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98
Semivolatile Organics (continued)						
Aniline	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Anthracene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Aramite	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	NA	ND(4.6)	NA	ND(4.8)	NA	ND(3.8)
Benzo(a)anthracene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzo(a)pyrene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzo(b)fluoranthene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzo(g,h,i)perylene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzo(k)fluoranthene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
bis(2-Chloroethyl)ether	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
bis(2-Chloroisopropyl)ether	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate	NA	0.34 J	NA	0.18 J	NA	ND(0.38)
Butylbenzylphthalate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Chrysene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Dibenzofuran	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Diethylphthalate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Di-n-Butylphthalate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Diphenylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Famphur	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Fluorene	NA	ND(0.18)	NA	ND(0.19)	NA	ND(0.15)
Hexachlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Hexachlorobutadiene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Hexachlorocyclopentadiene	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Hexachloroethane	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	NA	ND(1.8)	NA	ND(1.9)	NA	ND(1.5)
Indeno(1,2,3-cd)pyrene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Isosafrole	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Methapyrilene	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Methyl Methanesulfonate	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Naphthalene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Nitrobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosodiethylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosodimethylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitroso-di-n-butylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitroso-di-n-propylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosodiphenylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosomethylethylamine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosomorpholine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosopiperidine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
N-Nitrosopyrrolidine	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98
Semivolatile Organics (continued)						
o-Toluidine	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Pentachlorobenzene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Pentachloroethane	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Pentachloronitrobenzene	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Pentachlorophenol	NA	ND(2.2)	NA	ND(2.3)	NA	ND(1.8)
Phenacetin	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Phenanthrene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Phenol	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Pronamide	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Pyrene	NA	ND(0.46)	NA	ND(0.48)	NA	ND(0.38)
Pyridine	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Safrole	NA	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)
Thionazin	NA	NA	NA	NA	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA
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
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
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Isodrin	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
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	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	ND(0.92)	NA	ND(0.96)	NA	ND(0.76)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98
Furans						
2,3,7,8-TCDF	NA	0.00000094 YJ	NA	0.000064 Y	NA	ND(0.00000021)
TCDFs (total)	NA	0.0000086	NA	0.00091	NA	ND(0.00000045)
1,2,3,7,8-PeCDF	NA	ND(0.00000050)	NA	0.00012	NA	ND(0.000000095)
2,3,4,7,8-PeCDF	NA	ND(0.00000071)	NA	0.00030	NA	ND(0.00000012)
PeCDFs (total)	NA	ND(0.0000030)	NA	0.0026	NA	ND(0.00000041)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000028)	NA	0.0012	NA	ND(0.00000024)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000016)	NA	0.00066	NA	ND(0.00000015)
1,2,3,7,8,9-HxCDF	NA	ND(0.00000013)	NA	0.000014	NA	ND(0.000000063)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000054)	NA	0.00013	NA	ND(0.000000064)
HxCDFs (total)	NA	ND(0.0000028)	NA	0.0038	NA	ND(0.00000024)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000028)	NA	0.000045	NA	ND(0.00000022)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000077)	NA	0.00035	NA	ND(0.000000085)
HpCDFs (total)	NA	ND(0.0000028)	NA	0.0012	NA	ND(0.00000022)
OCDF	NA	ND(0.0000044)	NA	0.00054	NA	ND(0.00000064)
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000044)	NA	ND(0.00000039)	NA	ND(0.00000014)
TCDDs (total)	NA	ND(0.00000044)	NA	0.0000039	NA	ND(0.00000014)
1,2,3,7,8-PeCDD	NA	ND(0.00000064)	NA	ND(0.0000010)	NA	ND(0.0000012)
PeCDDs (total)	NA	ND(0.00000064)	NA	ND(0.000017)	NA	ND(0.0000012)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000050)	NA	ND(0.0000020)	NA	ND(0.00000019)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000043)	NA	ND(0.0000020)	NA	ND(0.00000014)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000044)	NA	0.0000039 J	NA	ND(0.00000015)
HxCDDs (total)	NA	ND(0.00000050)	NA	0.000023	NA	ND(0.00000019)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000014)	NA	0.000012	NA	ND(0.00000034)
HpCDDs (total)	NA	ND(0.0000014)	NA	0.000020	NA	ND(0.00000034)
OCDD	NA	0.000011 J	NA	0.000023	NA	ND(0.0000030)
Total TEQs (WHO TEFs)	NA	0.0000012	NA	0.00037	NA	0.00000077
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	0.280 B	NA	0.230 B	NA	0.220 B
Arsenic	NA	2.10	NA	2.10	NA	6.70
Barium	NA	25.9 B	NA	40.5	NA	12.0 B
Beryllium	NA	0.260 B	NA	0.340 B	NA	0.150 B
Cadmium	NA	0.100 B	NA	0.170 B	NA	0.290 B
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	7.90	NA	9.60	NA	12.3
Cobalt	NA	8.60	NA	8.80	NA	19.7
Copper	NA	9.80	NA	28.4	NA	36.6
Cyanide	NA	ND(3.50)	NA	ND(3.60)	NA	ND(2.90)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	7.10	NA	10.6	NA	11.9
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	ND(0.140)	NA	0.0170 B	NA	ND(0.120)
Nickel	NA	11.7	NA	13.2	NA	28.7
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	0.430 B	NA	0.400 B	NA	ND(0.580)
Silver	NA	ND(1.40)	NA	ND(1.50)	NA	ND(1.20)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	461	NA	342	NA	ND(231)
Thallium	NA	ND(1.40)	NA	ND(1.50)	NA	ND(1.20)
Tin	NA	ND(14.0)	NA	ND(14.6)	NA	ND(11.5)
Vanadium	NA	7.70	NA	10.3	NA	8.70
Zinc	NA	40.4	NA	59.9	NA	81.6

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,1-Dichloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,1-Dichloroethene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,2,3-Trichloropropane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,2-Dibromo-3-chloropropane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
1,2-Dibromoethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,2-Dichloroethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
1,4-Dioxane	ND(0.47)	NA	ND(0.57)	ND(0.52)	ND(0.44)	ND(0.70)
2-Butanone	ND(0.019)	NA	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)
2-Chloro-1,3-butadiene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
2-Chloroethylvinylether	ND(0.047)	NA	ND(0.057)	ND(0.052)	ND(0.044)	ND(0.070)
2-Hexanone	ND(0.019)	NA	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)
3-Chloropropene	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
4-Methyl-2-pentanone	ND(0.019)	NA	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)
Acetone	0.044	NA	ND(0.023)	0.0075 J	ND(0.018)	ND(0.028)
Acetonitrile	ND(0.095)	NA	ND(0.11)	ND(0.10)	ND(0.089)	ND(0.14)
Acrolein	ND(0.095)	NA	ND(0.11)	ND(0.10)	ND(0.089)	ND(0.14)
Acrylonitrile	ND(0.095)	NA	ND(0.11)	ND(0.10)	ND(0.089)	ND(0.14)
Benzene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Bromodichloromethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Bromoform	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Bromomethane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Carbon Disulfide	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Carbon Tetrachloride	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Chlorobenzene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Chloroethane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Chloroform	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Chloromethane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
cis-1,2-Dichloroethene	ND(0.0024)	NA	ND(0.0028)	ND(0.0026)	ND(0.0022)	ND(0.0035)
cis-1,3-Dichloropropene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Dibromomethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Dichlorodifluoromethane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Ethyl Methacrylate	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Ethylbenzene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Iodomethane	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Isobutanol	ND(0.19)	NA	ND(0.23)	ND(0.21)	ND(0.18)	ND(0.28)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Methyl Methacrylate	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Methylene Chloride	ND(0.0047)	NA	0.0014 J	ND(0.0052)	ND(0.0044)	ND(0.0070)
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.019)	NA	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)
Styrene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Tetrachloroethene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Toluene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
trans-1,2-Dichloroethene	ND(0.0024)	NA	ND(0.0028)	ND(0.0026)	ND(0.0022)	ND(0.0035)
trans-1,3-Dichloropropene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
trans-1,4-Dichloro-2-butene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Trichloroethene	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)
Trichlorofluoromethane	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Vinyl Acetate	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Vinyl Chloride	ND(0.0095)	NA	ND(0.011)	ND(0.010)	ND(0.0089)	ND(0.014)
Xylenes (total)	ND(0.0047)	NA	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)

TABLE B-2
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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)

Location ID:	LSSC-10	LSSC-11	LSSC-11	LSSC-16	LSSC-16	LSSC-17
Sample ID:	LSSC-10-SS09	LSSC-11-CS1015	LSSC-11-SS08	LSSC-16-CS1015	LSSC-16-SS08	LSSC-17-CS1015
Sample Depth(Feet):	14-15	10-15	12-14	10-15	12-14	10-15
Parameter Date Collected:	12/23/98	12/29/98	12/29/98	03/03/99	03/03/99	03/05/99
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,2,4-Trichlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,2-Dichlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,2-Diphenylhydrazine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
1,3-Dichlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,3-Dinitrobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,4-Dichlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,3,4,6-Tetrachlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,4,5-Trichlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,4,6-Trichlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,4-Dichlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,4-Dimethylphenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,4-Dinitrophenol	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
2,4-Dinitrotoluene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,6-Dichlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2,6-Dinitrotoluene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Acetylaminofluorene	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
2-Chloronaphthalene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Chlorophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Methylnaphthalene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Methylphenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Naphthylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Nitroaniline	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
2-Nitrophenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
3&4-Methylphenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
3,3'-Dichlorobenzidine	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
3-Methylcholanthrene	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
4-Aminobiphenyl	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
4-Bromophenyl-phenylether	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
4-Chloro-3-Methylphenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
4-Chloroaniline	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
4-Chlorobenzilate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
4-Chlorophenyl-phenylether	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
4-Nitrophenol	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
4-Nitroquinoline-1-oxide	NA	ND(4.3)	NA	ND(4.0)	NA	ND(4.6)
4-Phenylenediamine	NA	ND(4.3)	NA	ND(4.0)	NA	ND(4.6)
5-Nitro-o-toluidine	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
a,a'-Dimethylphenethylamine	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Acenaphthene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Acenaphthylene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Acetophenone	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-10 / LSSC-10-SS09 / 14-15 / 12/23/98	LSSC-11 / LSSC-11-CS1015 / 10-15 / 12/29/98	LSSC-11 / LSSC-11-SS08 / 12-14 / 12/29/98	LSSC-16 / LSSC-16-CS1015 / 10-15 / 03/03/99	LSSC-16 / LSSC-16-SS08 / 12-14 / 03/03/99	LSSC-17 / LSSC-17-CS1015 / 10-15 / 03/05/99
Semivolatile Organics (continued)						
Aniline	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Anthracene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Aramite	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	NA	ND(4.3)	NA	ND(4.0)	NA	ND(4.6)
Benzo(a)anthracene	NA	0.51	NA	ND(0.40)	NA	ND(0.46)
Benzo(a)pyrene	NA	0.44	NA	ND(0.40)	NA	0.39 J
Benzo(b)fluoranthene	NA	0.46	NA	ND(0.40)	NA	ND(0.46)
Benzo(g,h,i)perylene	NA	0.18 J	NA	ND(0.40)	NA	ND(0.46)
Benzo(k)fluoranthene	NA	0.25 J	NA	ND(0.40)	NA	ND(0.46)
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
bis(2-Chloroethyl)ether	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
bis(2-Chloroisopropyl)ether	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
bis(2-Ethylhexyl)phthalate	NA	0.23 J	NA	ND(0.40)	NA	ND(0.46)
Butylbenzylphthalate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Chrysene	NA	0.54	NA	ND(0.40)	NA	ND(0.46)
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Dibenzofuran	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Diethylphthalate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Di-n-Butylphthalate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Di-n-Octylphthalate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Diphenylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Famphur	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	0.93	NA	ND(0.40)	NA	ND(0.46)
Fluorene	NA	ND(0.17)	NA	ND(0.16)	NA	ND(0.18)
Hexachlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Hexachlorobutadiene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Hexachlorocyclopentadiene	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Hexachloroethane	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	NA	ND(1.7)	NA	ND(1.6)	NA	ND(1.8)
Indeno(1,2,3-cd)pyrene	NA	0.17 J	NA	ND(0.40)	NA	ND(0.46)
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Isosafrole	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Methapyriiene	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Methyl Methanesulfonate	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Naphthalene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Nitrobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosodiethylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosodimethylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitroso-di-n-butylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitroso-di-n-propylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosodiphenylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosomethylethylamine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosomorpholine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosopiperidine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
N-Nitrosopyrrolidine	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99
Semivolatile Organics (continued)						
o-Toluidine	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Pentachlorobenzene	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Pentachloroethane	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Pentachloronitrobenzene	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Pentachlorophenol	NA	ND(2.1)	NA	ND(1.9)	NA	ND(2.2)
Phenacetin	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Phenanthrene	NA	0.28 J	NA	ND(0.40)	NA	ND(0.46)
Phenol	NA	ND(0.43)	NA	ND(0.40)	NA	ND(0.46)
Pronamide	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Pyrene	NA	1.0	NA	ND(0.40)	NA	ND(0.46)
Pyridine	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Safrole	NA	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)
Thionazin	NA	NA	NA	NA	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA
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
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
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Isodrin	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
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	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	ND(0.87)	NA	ND(0.80)	NA	ND(0.93)

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99
Furans						
2,3,7,8-TCDF	NA	0.0000016 Y	NA	ND(0.00000094)	NA	ND(0.00000023)
TCDFs (total)	NA	0.000013	NA	ND(0.00000094)	NA	ND(0.00000023)
1,2,3,7,8-PeCDF	NA	ND(0.00000084)	NA	ND(0.00000093)	NA	ND(0.00000023)
2,3,4,7,8-PeCDF	NA	ND(0.0000012)	NA	ND(0.00000088)	NA	ND(0.00000022)
PeCDFs (total)	NA	0.0000093	NA	ND(0.00000093)	NA	ND(0.00000023)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000029)	NA	ND(0.0000011)	NA	ND(0.00000042)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000023)	NA	ND(0.0000012)	NA	ND(0.00000042)
1,2,3,7,8,9-HxCDF	NA	ND(0.000000086)	NA	ND(0.0000011)	NA	ND(0.00000041)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000057)	NA	ND(0.0000012)	NA	ND(0.00000045)
HxCDFs (total)	NA	0.000010	NA	ND(0.0000012)	NA	ND(0.00000045)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000032)	NA	0.000010 J	NA	ND(0.00000038)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000010)	NA	ND(0.0000023)	NA	ND(0.00000039)
HpCDFs (total)	NA	ND(0.0000032)	NA	0.000016 J	NA	ND(0.00000039)
OCDF	NA	ND(0.0000040)	NA	0.000015 J	NA	ND(0.00000043)
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000013)	NA	ND(0.00000074)	NA	ND(0.00000013)
TCDDs (total)	NA	ND(0.00000035)	NA	ND(0.00000074)	NA	ND(0.00000013)
1,2,3,7,8-PeCDD	NA	ND(0.00000018)	NA	ND(0.0000011)	NA	ND(0.00000041)
PeCDDs (total)	NA	ND(0.00000067)	NA	ND(0.0000011)	NA	ND(0.00000041)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000018)	NA	ND(0.0000014)	NA	ND(0.00000049)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	NA	ND(0.0000016)	NA	ND(0.00000058)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000021)	NA	ND(0.0000015)	NA	ND(0.00000053)
HxCDDs (total)	NA	ND(0.0000011)	NA	ND(0.0000016)	NA	ND(0.00000058)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000015)	NA	0.000018 J	NA	ND(0.00000039)
HpCDDs (total)	NA	ND(0.0000015)	NA	0.000031	NA	ND(0.00000039)
OCDD	NA	0.0000085	NA	0.00013	NA	0.0000060 J
Total TEQs (WHO TEFs)	NA	0.00000099	NA	0.0000020	NA	0.00000052
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	0.290 B	NA	ND(1.20)	NA	ND(1.40)
Arsenic	NA	2.40	NA	2.00	NA	2.20
Barium	NA	34.6	NA	11.1 B	NA	28.9
Beryllium	NA	0.300 B	NA	0.140 B	NA	0.250 B
Cadmium	NA	0.230 B	NA	0.0770 B	NA	0.170 B
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	10.9	NA	7.40	NA	9.30
Cobalt	NA	8.40	NA	6.10	NA	7.30
Copper	NA	12.3	NA	6.90	NA	10.1
Cyanide	NA	ND(3.30)	NA	ND(3.00)	NA	ND(3.50)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	12.6	NA	4.50	NA	7.70
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	0.0770 B	NA	ND(0.120)	NA	0.0160 B
Nickel	NA	11.6	NA	9.80	NA	12.3
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	ND(0.660)	NA	0.410 B	NA	0.330 B
Silver	NA	ND(1.30)	NA	ND(1.20)	NA	ND(1.40)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	ND(262)	NA	ND(60.3)	NA	157
Thallium	NA	ND(1.30)	NA	0.840 B	NA	0.740 B
Tin	NA	ND(13.1)	NA	3.40 B	NA	ND(14.0)
Vanadium	NA	10.2	NA	5.90 B	NA	8.10
Zinc	NA	52.1	NA	34.6	NA	47.7

TABLE B-2
HISTORICAL 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)

Location ID:	LSSC-17	LSSC-18	LSSC-18	LSSC-19	LSSC-19	LSSC-31
Sample ID:	LSSC-17-SS07	LSSC-18-CS1015	LSSC-18-SS08	LSSC-19-CS1015	LSSC-19-SS07	LSSC-31-CS0610
Sample Depth(Feet):	10-12	10-15	12-14	10-15	10-12	6-10
Parameter Date Collected:	03/05/99	03/29/99	03/29/99	03/30/99	03/29/99	07/28/99
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,1,2,2-Tetrachloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,1-Dichloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,1-Dichloroethene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2,3-Trichloropropane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2-Dibromo-3-chloropropane	ND(0.018)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2-Dibromoethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2-Dichloroethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,4-Dioxane	ND(0.90)	NA	ND(0.30)	NA	ND(0.22)	NA
2-Butanone	ND(0.036)	NA	ND(0.15)	NA	ND(0.11)	NA
2-Chloro-1,3-butadiene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
2-Chloroethylvinylether	ND(0.090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
2-Hexanone	ND(0.036)	NA	ND(0.015)	NA	ND(0.011)	NA
3-Chloropropene	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
4-Methyl-2-pentanone	ND(0.036)	NA	ND(0.015)	NA	ND(0.011)	NA
Acetone	ND(0.036)	NA	11 J	NA	ND(0.11)	NA
Acetonitrile	ND(0.18)	NA	ND(0.15)	NA	ND(0.11)	NA
Acrolein	ND(0.18)	NA	ND(0.15)	NA	ND(0.11)	NA
Acrylonitrile	ND(0.18)	NA	ND(0.015)	NA	ND(0.011)	NA
Benzene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Bromodichloromethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Bromoform	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Bromomethane	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
Carbon Disulfide	ND(0.0090)	NA	ND(0.015)	NA	ND(0.011)	NA
Carbon Tetrachloride	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Chlorobenzene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Chloroethane	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
Chloroform	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Chloromethane	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
cis-1,2-Dichloroethene	ND(0.0045)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Dibromomethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Dichlorodifluoromethane	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
Ethyl Methacrylate	ND(0.0090)	NA	ND(0.015)	NA	ND(0.011)	NA
Ethylbenzene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Iodomethane	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Isobutanol	ND(0.36)	NA	ND(0.30)	NA	ND(0.22)	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0090)	NA	ND(0.015)	NA	ND(0.011)	NA
Methyl Methacrylate	ND(0.0090)	NA	ND(0.015)	NA	ND(0.011)	NA
Methylene Chloride	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.036)	NA	ND(0.077)	NA	ND(0.057)	NA
Styrene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Tetrachloroethene	ND(0.0090)	NA	ND(0.0077)	NA	0.015	NA
Toluene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
trans-1,2-Dichloroethene	ND(0.0045)	NA	ND(0.0077)	NA	ND(0.0057)	NA
trans-1,3-Dichloropropene	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA
trans-1,4-Dichloro-2-butene	ND(0.0090)	NA	ND(0.015)	NA	ND(0.011)	NA
Trichloroethene	ND(0.0090)	NA	ND(0.0077)	NA	0.22	NA
Trichlorofluoromethane	ND(0.018)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Vinyl Acetate	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
Vinyl Chloride	ND(0.018)	NA	ND(0.015)	NA	ND(0.011)	NA
Xylenes (total)	ND(0.0090)	NA	ND(0.0077)	NA	ND(0.0057)	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-17 LSSC-17-SS07 10-12 03/05/99	LSSC-18 LSSC-18-CS1015 10-15 03/29/99	LSSC-18 LSSC-18-SS08 12-14 03/29/99	LSSC-19 LSSC-19-CS1015 10-15 03/30/99	LSSC-19 LSSC-19-SS07 10-12 03/29/99	LSSC-31 LSSC-31-CS0610 6-10 07/28/99
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,2,4-Trichlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,2-Dichlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,2-Diphenylhydrazine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(1.5)	NA	ND(1.4)	NA	ND(12)
1,3-Dichlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,3-Dinitrobenzene	NA	ND(3.8)	NA	ND(3.4)	NA	ND(2.5)
1,4-Dichlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(2.5)
2,3,4,6-Tetrachlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4,5-Trichlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4,6-Trichlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4-Dichlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4-Dimethylphenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4-Dinitrophenol	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
2,4-Dinitrotoluene	NA	ND(3.8)	NA	ND(3.4)	NA	ND(2.5)
2,6-Dichlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,6-Dinitrotoluene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Acetylaminofluorene	NA	ND(1.5)	NA	ND(1.4)	NA	ND(4.9)
2-Chloronaphthalene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Chlorophenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Methylnaphthalene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Methylphenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Naphthylamine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(2.5)
2-Nitroaniline	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
2-Nitrophenol	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	NA	ND(0.75)	NA	ND(0.67)	NA	ND(4.9)
3&4-Methylphenol	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
3,3'-Dichlorobenzidine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
3-Methylcholanthrene	NA	ND(1.5)	NA	ND(1.4)	NA	ND(4.9)
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(12)
4-Aminobiphenyl	NA	ND(1.5)	NA	ND(1.4)	NA	ND(12)
4-Bromophenyl-phenylether	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
4-Chloro-3-Methylphenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
4-Chloroaniline	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
4-Chlorobenzilate	NA	ND(3.8)	NA	ND(3.4)	NA	ND(2.5)
4-Chlorophenyl-phenylether	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
4-Nitrophenol	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
4-Nitroquinoline-1-oxide	NA	ND(3.8)	NA	ND(3.4)	NA	ND(25)
4-Phenylenediamine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(25)
5-Nitro-o-toluidine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(4.9)
7,12-Dimethylbenz(a)anthracene	NA	ND(1.5)	NA	ND(1.4)	NA	ND(4.9)
a,a'-Dimethylphenethylamine	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
Acenaphthene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Acenaphthylene	NA	ND(0.75)	NA	ND(0.67)	NA	2.5
Acetophenone	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)

TABLE B-2
HISTORICAL 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 / Location ID:	LSSC-17	LSSC-18	LSSC-18	LSSC-19	LSSC-19	LSSC-31
Sample ID:	LSSC-17-SS07	LSSC-18-CS1015	LSSC-18-SS08	LSSC-19-CS1015	LSSC-19-SS07	LSSC-31-CS0610
Sample Depth(Feet):	10-12	10-15	12-14	10-15	10-12	6-10
Date Collected:	03/05/99	03/29/99	03/29/99	03/30/99	03/29/99	07/28/99
Semivolatile Organics (continued)						
Aniline	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Anthracene	NA	ND(0.75)	NA	ND(0.67)	NA	1.1 J
Aramite	NA	ND(1.5)	NA	ND(1.4)	NA	ND(12)
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(25)
Benzo(a)anthracene	NA	ND(0.75)	NA	ND(0.67)	NA	6.2
Benzo(a)pyrene	NA	ND(0.75)	NA	ND(0.67)	NA	10
Benzo(b)fluoranthene	NA	ND(0.75)	NA	ND(0.67)	NA	5.1
Benzo(g,h,i)perylene	NA	ND(0.75)	NA	ND(0.67)	NA	4.8
Benzo(k)fluoranthene	NA	ND(0.75)	NA	ND(0.67)	NA	5.1
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
bis(2-Chloroethyl)ether	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
bis(2-Chloroisopropyl)ether	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
bis(2-Ethylhexyl)phthalate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Butylbenzylphthalate	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
Chrysene	NA	ND(0.75)	NA	ND(0.67)	NA	7.2
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	NA	ND(1.5)	NA	ND(1.4)	NA	ND(4.9)
Diallate (cis isomer)	NA	NA	NA	NA	NA	NA
Diallate (trans isomer)	NA	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(1.5)	NA	ND(1.4)	NA	1.4 J
Dibenzofuran	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Diethylphthalate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Di-n-Butylphthalate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Di-n-Octylphthalate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Diphenylamine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Famphur	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	ND(0.75)	NA	ND(0.67)	NA	8.5
Fluorene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(0.97)
Hexachlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Hexachlorobutadiene	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
Hexachlorocyclopentadiene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(12)
Hexachloroethane	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Hexachlorophene	NA	ND(15)	NA	ND(13)	NA	NA
Hexachloropropene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(9.7)
Indeno(1,2,3-cd)pyrene	NA	ND(1.5)	NA	ND(1.4)	NA	4.3
Isodrin	NA	ND(0.75)	NA	ND(0.67)	NA	NA
Isophorone	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Isosafrole	NA	ND(1.5)	NA	ND(1.4)	NA	ND(4.9)
Methapyrilene	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
Methyl Methanesulfonate	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Naphthalene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Nitrobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosodiethylamine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosodimethylamine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
N-Nitroso-di-n-butylamine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
N-Nitroso-di-n-propylamine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
N-Nitrosodiphenylamine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosomethylethylamine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
N-Nitrosomorpholine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosopiperidine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosopyrrolidine	NA	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
o,o,o-Triethylphosphorothioate	NA	ND(0.75)	NA	ND(0.67)	NA	NA

TABLE B-2
HISTORICAL 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-17 LSSC-17-SS07 10-12 03/05/99	LSSC-18 LSSC-18-CS1015 10-15 03/29/99	LSSC-18 LSSC-18-SS08 12-14 03/29/99	LSSC-19 LSSC-19-CS1015 10-15 03/30/99	LSSC-19 LSSC-19-SS07 10-12 03/29/99	LSSC-31 LSSC-31-CS0610 6-10 07/28/99
Semivolatile Organics (continued)						
o-Toluidine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(4.9)
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(3.8)	NA	ND(3.4)	NA	ND(4.9)
Pentachlorobenzene	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Pentachloroethane	NA	ND(0.75)	NA	ND(0.67)	NA	ND(12)
Pentachloronitrobenzene	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
Pentachlorophenol	NA	ND(3.8)	NA	ND(3.4)	NA	ND(12)
Phenacetin	NA	ND(3.8)	NA	ND(3.4)	NA	ND(4.9)
Phenanthrene	NA	ND(0.75)	NA	ND(0.67)	NA	4.8
Phenol	NA	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Pronamide	NA	ND(0.75)	NA	ND(0.67)	NA	ND(4.9)
Pyrene	NA	ND(0.75)	NA	ND(0.67)	NA	14
Pyridine	NA	ND(0.75)	NA	ND(0.67)	NA	ND(4.9)
Safrole	NA	ND(0.75)	NA	ND(0.67)	NA	ND(4.9)
Thionazin	NA	ND(0.75)	NA	ND(0.67)	NA	NA
Total Phenols	NA	NA	NA	NA	NA	NA
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
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
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Isodrin	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
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	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	ND(4.9)

TABLE B-2
HISTORICAL 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)

Location ID:	LSSC-17	LSSC-18	LSSC-18	LSSC-19	LSSC-19	LSSC-31
Sample ID:	LSSC-17-SS07	LSSC-18-CS1015	LSSC-18-SS08	LSSC-19-CS1015	LSSC-19-SS07	LSSC-31-CS0610
Sample Depth(Feet):	10-12	10-15	12-14	10-15	10-12	6-10
Parameter Date Collected:	03/05/99	03/29/99	03/29/99	03/30/99	03/29/99	07/28/99
Furans						
2,3,7,8-TCDF	NA	0.0000043	NA	0.000064	NA	0.000035 Y
TCDFs (total)	NA	0.0000072	NA	0.00066	NA	0.00030
1,2,3,7,8-PeCDF	NA	ND(0.0000024)	NA	0.000055	NA	0.000015
2,3,4,7,8-PeCDF	NA	ND(0.0000023)	NA	0.00021	NA	0.000016
PeCDFs (total)	NA	ND(0.0000024)	NA	0.0024	NA	0.00015
1,2,3,4,7,8-HxCDF	NA	ND(0.0000022)	NA	0.0014	NA	0.000025
1,2,3,6,7,8-HxCDF	NA	ND(0.0000023)	NA	0.00050	NA	0.000017
1,2,3,7,8,9-HxCDF	NA	ND(0.0000022)	NA	ND(0.0000017)	NA	ND(0.0000011)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000024)	NA	0.00033	NA	0.0000067 J
HxCDFs (total)	NA	ND(0.0000024)	NA	0.0041 E	NA	0.00011
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000095)	NA	0.00055	NA	0.000037
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000097)	NA	0.00043	NA	0.0000079
HpCDFs (total)	NA	ND(0.0000097)	NA	0.0016	NA	0.000059
OCDF	NA	ND(0.0000039)	NA	0.00067	NA	0.000041
Dioxins						
2,3,7,8-TCDD	NA	ND(0.0000013)	NA	ND(0.0000011)	NA	ND(0.00000055)
TCDDs (total)	NA	ND(0.0000013)	NA	0.000096	NA	0.0000094
1,2,3,7,8-PeCDD	NA	ND(0.0000085)	NA	ND(0.0000050)	NA	ND(0.0000017)
PeCDDs (total)	NA	ND(0.0000085)	NA	0.000061	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000022)	NA	0.0000071 J	NA	ND(0.00000073)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000026)	NA	0.000013	NA	ND(0.0000012)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000024)	NA	0.000011	NA	ND(0.0000015)
HxCDDs (total)	NA	ND(0.0000026)	NA	0.00014	NA	ND(0.0000052)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000099)	NA	0.000042	NA	0.0000064 J
HpCDDs (total)	NA	ND(0.0000099)	NA	0.00011	NA	0.000012
OCDD	NA	ND(0.0000061)	NA	0.00010	NA	0.000020
Total TEQs (WHO TEFs)	NA	0.0000069	NA	0.00035	NA	0.000019
Inorganics						
Aluminum	NA	6600	NA	8750	NA	NA
Antimony	NA	ND(15.0)	NA	ND(11.1)	NA	0.780 B
Arsenic	NA	25.4	NA	3.40	NA	5.90
Barium	NA	88.3	NA	4.30	NA	64.7
Beryllium	NA	ND(1.50)	NA	ND(1.10)	NA	0.410 B
Cadmium	NA	ND(1.50)	NA	ND(1.10)	NA	0.730 B
Calcium	NA	5940	NA	1510	NA	NA
Chromium	NA	18.6	NA	9.90	NA	45.1
Cobalt	NA	ND(15.0)	NA	ND(11.1)	NA	11.0
Copper	NA	72.5	NA	28.2	NA	98.8
Cyanide	NA	ND(1.50)	NA	ND(1.10)	NA	ND(3.70)
Iron	NA	25600	NA	21000	NA	NA
Lead	NA	ND(30.1)	NA	ND(22.2)	NA	137
Magnesium	NA	3590	NA	4260	NA	NA
Manganese	NA	245	NA	540	NA	NA
Mercury	NA	0.17	NA	ND(0.220)	NA	0.530
Nickel	NA	17.3	NA	18.5	NA	19.1
Potassium	NA	841	NA	136	NA	NA
Selenium	NA	ND(1.50)	NA	ND(1.10)	NA	1.10
Silver	NA	ND(3.00)	NA	ND(2.20)	NA	0.270 B
Sodium	NA	ND(301)	NA	ND(222)	NA	NA
Sulfide	NA	298	NA	144	NA	117
Thallium	NA	ND(3.00)	NA	ND(2.20)	NA	0.560 B
Tin	NA	NA	NA	NA	NA	13.3 B
Vanadium	NA	20.0	NA	ND(11.1)	NA	13.4
Zinc	NA	42.1	NA	74.3	NA	239

TABLE B-2
HISTORICAL 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 / Location ID:	LSSC-31
Sample ID:	LSSC-31-SS04
Sample Depth(Feet):	5-6
Date Collected:	07/28/99
Volatile Organics	
1,1,1,2-Tetrachloroethane	ND(0.0050)
1,1,1-trichloro-2,2,2-trifluoroethane	NA
1,1,1-Trichloroethane	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)
1,1,2-trichloro-1,2,2-trifluoroethane	NA
1,1,2-Trichloroethane	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)
1,1-Dichloroethene	ND(0.0050)
1,2,3-Trichloropropane	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.010)
1,2-Dibromoethane	ND(0.0050)
1,2-Dichloroethane	ND(0.0050)
1,2-Dichloroethene (total)	NA
1,2-Dichloropropane	ND(0.0050)
1,4-Dioxane	ND(0.50)
2-Butanone	ND(0.020)
2-Chloro-1,3-butadiene	ND(0.0050)
2-Chloroethylvinylether	ND(0.050)
2-Hexanone	ND(0.020)
3-Chloropropene	ND(0.010)
4-Methyl-2-pentanone	ND(0.020)
Acetone	0.045
Acetonitrile	ND(0.10)
Acrolein	ND(0.10)
Acrylonitrile	ND(0.10)
Benzene	ND(0.0050)
Bromodichloromethane	ND(0.0050)
Bromoform	ND(0.0050)
Bromomethane	ND(0.010)
Carbon Disulfide	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)
Chlorobenzene	ND(0.0050)
Chloroethane	ND(0.010)
Chloroform	ND(0.0050)
Chloromethane	ND(0.010)
cis-1,2-Dichloroethene	ND(0.0025)
cis-1,3-Dichloropropene	ND(0.0050)
cis-1,4-Dichloro-2-butene	NA
Crotonaldehyde	NA
Dibromochloromethane	ND(0.0050)
Dibromomethane	ND(0.0050)
Dichlorodifluoromethane	ND(0.010)
Ethyl Methacrylate	ND(0.0050)
Ethylbenzene	ND(0.0050)
Iodomethane	ND(0.0050)
Isobutanol	ND(0.20)
m&p-Xylene	NA
Methacrylonitrile	ND(0.0050)
Methyl Methacrylate	ND(0.0050)
Methylene Chloride	ND(0.0050)
o-Xylene	NA
Propionitrile	ND(0.020)
Styrene	ND(0.0050)
Tetrachloroethene	ND(0.0050)
Toluene	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0025)
trans-1,3-Dichloropropene	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)
Trichloroethene	ND(0.0050)
Trichlorofluoromethane	ND(0.010)
Vinyl Acetate	ND(0.010)
Vinyl Chloride	ND(0.010)
Xylenes (total)	ND(0.0050)

TABLE B-2
HISTORICAL 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 / Location ID:	LSSC-31
Sample ID:	LSSC-31-SS04
Sample Depth(Feet):	5-6
Date Collected:	07/28/99
Semivolatile Organics	
1,2,3,4-Tetrachlorobenzene	NA
1,2,3,5-Tetrachlorobenzene	NA
1,2,3-Trichlorobenzene	NA
1,2,4,5-Tetrachlorobenzene	NA
1,2,4-Trichlorobenzene	NA
1,2-Dichlorobenzene	NA
1,2-Diphenylhydrazine	NA
1,3,5-Trichlorobenzene	NA
1,3,5-Trinitrobenzene	NA
1,3-Dichlorobenzene	NA
1,3-Dinitrobenzene	NA
1,4-Dichlorobenzene	NA
1,4-Dinitrobenzene	NA
1,4-Naphthoquinone	NA
1-Chloronaphthalene	NA
1-Methylnaphthalene	NA
1-Naphthylamine	NA
2,3,4,6-Tetrachlorophenol	NA
2,4,5-Trichlorophenol	NA
2,4,6-Trichlorophenol	NA
2,4-Dichlorophenol	NA
2,4-Dimethylphenol	NA
2,4-Dinitrophenol	NA
2,4-Dinitrotoluene	NA
2,6-Dichlorophenol	NA
2,6-Dinitrotoluene	NA
2-Acetylaminofluorene	NA
2-Chloronaphthalene	NA
2-Chlorophenol	NA
2-Methylnaphthalene	NA
2-Methylphenol	NA
2-Naphthylamine	NA
2-Nitroaniline	NA
2-Nitrophenol	NA
2-Phenylenediamine	NA
2-Picoline	NA
3&4-Methylphenol	NA
3,3'-Dichlorobenzidine	NA
3,3'-Dimethoxybenzidine	NA
3,3'-Dimethylbenzidine	NA
3-Methylcholanthrene	NA
3-Methylphenol	NA
3-Nitroaniline	NA
3-Phenylenediamine	NA
4,4'-Methylene-bis(2-chloroaniline)	NA
4,6-Dinitro-2-methylphenol	NA
4-Aminobiphenyl	NA
4-Bromophenyl-phenylether	NA
4-Chloro-3-Methylphenol	NA
4-Chloroaniline	NA
4-Chlorobenzilate	NA
4-Chlorophenyl-phenylether	NA
4-Methylphenol	NA
4-Nitroaniline	NA
4-Nitrophenol	NA
4-Nitroquinoline-1-oxide	NA
4-Phenylenediamine	NA
5-Nitro-o-toluidine	NA
7,12-Dimethylbenz(a)anthracene	NA
a,a'-Dimethylphenethylamine	NA
Acenaphthene	NA
Acenaphthylene	NA
Acetophenone	NA

TABLE B-2
HISTORICAL 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	LSSC-31 / LSSC-31-SS04 / 5-6 / 07/28/99
Semivolatile Organics (continued)		
Aniline		NA
Anthracene		NA
Aramite		NA
Benzal chloride		NA
Benzidine		NA
Benzo(a)anthracene		NA
Benzo(a)pyrene		NA
Benzo(b)fluoranthene		NA
Benzo(g,h,i)perylene		NA
Benzo(k)fluoranthene		NA
Benzoic Acid		NA
Benzotrichloride		NA
Benzyl Alcohol		NA
Benzyl Chloride		NA
bis(2-Chloroethoxy)methane		NA
bis(2-Chloroethyl)ether		NA
bis(2-Chloroisopropyl)ether		NA
bis(2-Ethylhexyl)phthalate		NA
Butylbenzylphthalate		NA
Chrysene		NA
Cyclophosphamide		NA
Diallate		NA
Diallate (cis isomer)		NA
Diallate (trans isomer)		NA
Dibenz(a,j)acridine		NA
Dibenzo(a,h)anthracene		NA
Dibenzofuran		NA
Diethylphthalate		NA
Dimethoate		NA
Dimethylphthalate		NA
Di-n-Butylphthalate		NA
Di-n-Octylphthalate		NA
Diphenylamine		NA
Ethyl Methacrylate		NA
Ethyl Methanesulfonate		NA
Famphur		NA
Fluoranthene		NA
Fluorene		NA
Hexachlorobenzene		NA
Hexachlorobutadiene		NA
Hexachlorocyclopentadiene		NA
Hexachloroethane		NA
Hexachlorophene		NA
Hexachloropropene		NA
Indeno(1,2,3-cd)pyrene		NA
Isodrin		NA
Isophorone		NA
Isosafrole		NA
Methapyrilene		NA
Methyl Methanesulfonate		NA
Naphthalene		NA
Nitrobenzene		NA
N-Nitrosodiethylamine		NA
N-Nitrosodimethylamine		NA
N-Nitroso-di-n-butylamine		NA
N-Nitroso-di-n-propylamine		NA
N-Nitrosodiphenylamine		NA
N-Nitrosomethylethylamine		NA
N-Nitrosomorpholine		NA
N-Nitrosopiperidine		NA
N-Nitrosopyrrolidine		NA
o,o,o-Triethylphosphorothioate		NA

TABLE B-2
HISTORICAL 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:
	LSSC-31 / LSSC-31-SS04 / 5-6 / 07/28/99
Semivolatile Organics (continued)	
o-Toluidine	NA
Paraldehyde	NA
p-Dimethylaminoazobenzene	NA
Pentachlorobenzene	NA
Pentachloroethane	NA
Pentachloronitrobenzene	NA
Pentachlorophenol	NA
Phenacetin	NA
Phenanthrene	NA
Phenol	NA
Pronamide	NA
Pyrene	NA
Pyridine	NA
Safrole	NA
Thionazin	NA
Total Phenols	NA
Organochlorine Pesticides	
4,4'-DDD	NA
4,4'-DDE	NA
4,4'-DDT	NA
Aldrin	NA
Alpha-BHC	NA
Beta-BHC	NA
Delta-BHC	NA
Dieldrin	NA
Endosulfan I	NA
Endosulfan II	NA
Endosulfan Sulfate	NA
Endrin	NA
Endrin Aldehyde	NA
Gamma-BHC (Lindane)	NA
Heptachlor	NA
Heptachlor Epoxide	NA
Isodrin	NA
Kepone	NA
Methoxychlor	NA
Technical Chlordane	NA
Toxaphene	NA
Organophosphate Pesticides	
Dimethoate	NA
Disulfoton	NA
Ethyl Parathion	NA
Methyl Parathion	NA
Phorate	NA
Sulfotep	NA
Herbicides	
2,4,5-T	NA
2,4,5-TP	NA
2,4-D	NA
Dinoseb	NA

TABLE B-2
HISTORICAL 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	
	Location ID:	LSSC-31
	Sample ID:	LSSC-31-SS04
	Sample Depth(Feet):	5-6
	Date Collected:	07/28/99
Furans		
2,3,7,8-TCDF		NA
TCDFs (total)		NA
1,2,3,7,8-PeCDF		NA
2,3,4,7,8-PeCDF		NA
PeCDFs (total)		NA
1,2,3,4,7,8-HxCDF		NA
1,2,3,6,7,8-HxCDF		NA
1,2,3,7,8,9-HxCDF		NA
2,3,4,6,7,8-HxCDF		NA
HxCDFs (total)		NA
1,2,3,4,6,7,8-HpCDF		NA
1,2,3,4,7,8,9-HpCDF		NA
HpCDFs (total)		NA
OCDF		NA
Dioxins		
2,3,7,8-TCDD		NA
TCDDs (total)		NA
1,2,3,7,8-PeCDD		NA
PeCDDs (total)		NA
1,2,3,4,7,8-HxCDD		NA
1,2,3,6,7,8-HxCDD		NA
1,2,3,7,8,9-HxCDD		NA
HxCDDs (total)		NA
1,2,3,4,6,7,8-HpCDD		NA
HpCDDs (total)		NA
OCDD		NA
Total TEQs (WHO TEFs)		NA
Inorganics		
Aluminum		NA
Antimony		NA
Arsenic		NA
Barium		NA
Beryllium		NA
Cadmium		NA
Calcium		NA
Chromium		NA
Cobalt		NA
Copper		NA
Cyanide		NA
Iron		NA
Lead		NA
Magnesium		NA
Manganese		NA
Mercury		NA
Nickel		NA
Potassium		NA
Selenium		NA
Silver		NA
Sodium		NA
Sulfide		NA
Thallium		NA
Tin		NA
Vanadium		NA
Zinc		NA

TABLE B-2
HISTORICAL 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 and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
2. Field duplicate sample results are presented in brackets.
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. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
6. NC - Not Calculated - Insufficient data to calculate TEQ.
7. 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, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- D - Compound quantitated using a secondary dilution.
- E - Analyte exceeded calibration range.
- J - Indicates that the associated numerical value is an estimated concentration.
- P - Greater than 25% difference between primary and confirmation collumn.
- Q - Indicates the presence of quantitative interferences.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- Z - Co eluting isomers could not be chromatographically resolved in the sample.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- N - Indicates sample matrix spike analysis was outside control limits.
- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- * - Indicates laboratory duplicate analysis was outside control limits.

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	BH000555 / LS-BH000555-0-0100 / 10-15 / 01/31/02	BH000555 / LS-BH000555-0-0120 / 12-14 / 01/31/02	BH000557 / OB-BH000557-0-0100 / 10-15 / 02/06/02	BH000559 / OB-BH000559-0-0060 / 6-10 / 01/25/02
Volatile Organics					
1,1,1,2-Tetrachloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1,1-Trichloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1,2,2-Tetrachloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1,2-Trichloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1-Dichloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1-Dichloroethene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,1-Dichloropropene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2,3-Trichlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2,3-Trichloropropane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2,4-Trichlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2,4-Trimethylbenzene		NA	ND(0.011) J	ND(0.012)	0.22 J
1,2-Dibromo-3-chloropropane		NA	R	R	R
1,2-Dibromoethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2-Dichlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2-Dichloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2-Dichloroethene (total)		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,2-Dichloropropane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,3,5-Trimethylbenzene		NA	ND(0.011) J	ND(0.012)	0.10 J
1,3-Dichlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,3-Dichloropropane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,4-Dichlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
1,4-Dioxane		NA	R	R	ND(0.014) J
2,2-Dichloropropane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
2-Butanone		NA	0.0040 J	0.0040 J	0.012 J
2-Chloro-1,3-butadiene		NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA
2-Chlorotoluene		NA	ND(0.011) J	ND(0.012)	0.020 J
2-Hexanone		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
3-Chloropropene		NA	NA	NA	NA
4-Chlorotoluene		NA	ND(0.011) J	ND(0.012)	0.010 J
4-Methyl-2-pentanone		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Acetone		NA	0.021 J	0.50 J	0.98 J
Acrolein		NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA
Benzene		NA	ND(0.011) J	ND(0.012)	0.0020 J
Bromobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Bromochloromethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Bromodichloromethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Bromoform		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Bromomethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Carbon Disulfide		NA	0.0020 J	ND(0.012)	0.0030 J
Carbon Tetrachloride		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Chlorobenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Chloroethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Chloroform		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Chloromethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
cis-1,2-Dichloroethene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
cis-1,3-Dichloropropene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Dibromochloromethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Dibromomethane		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Ethyl Methacrylate		NA	NA	NA	NA
Ethylbenzene		NA	ND(0.011) J	ND(0.012)	0.056 J
Freon 12		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Hexachlorobutadiene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Iodomethane		NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA
Isopropylbenzene		NA	ND(0.011) J	ND(0.012)	0.077 J
m&p-Xylene		NA	ND(0.011) J	ND(0.012)	0.019 J
Methacrylonitrile		NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA
Methylene Chloride		NA	ND(0.011) J	ND(0.015)	ND(0.014) J
Naphthalene		NA	ND(0.011) J	ND(0.012)	2.2 J
n-Butylbenzene		NA	ND(0.011) J	ND(0.012)	ND(0.014) J

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000555 LS-BH000555-0-0100 10-15 01/31/02	BH000555 LS-BH000555-0-0120 12-14 01/31/02	BH000557 OB-BH000557-0-0100 10-15 02/06/02	BH000559 OB-BH000559-0-0060 6-10 01/25/02
Volatile Organics (continued)				
n-Propylbenzene	NA	ND(0.011) J	ND(0.012)	0.032 J
o-Xylene	NA	ND(0.011) J	ND(0.012)	0.024 J
p-Isopropyltoluene	NA	ND(0.011) J	ND(0.012)	0.032 J
Propionitrile	NA	NA	NA	NA
sec-Butylbenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Styrene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
tert-Butylbenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Tetrachloroethene	NA	ND(0.011) J	ND(0.012) J	ND(0.014) J
Tetrahydrofuran	NA	0.0010 J	R	R
Toluene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
trans-1,2-Dichloroethene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
trans-1,3-Dichloropropene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA
Trichloroethene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Trichlorofluoromethane	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Vinyl Acetate	NA	NA	NA	NA
Vinyl Chloride	NA	ND(0.011) J	ND(0.012)	ND(0.014) J
Xylenes (total)	NA	ND(0.011) J	ND(0.012)	0.043 J
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)
1,3,5-Trinitrobenzene	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)
1,3-Dinitrobenzene	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)
1,4-Naphthoquinone	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA
2,4,5-Trichlorophenol	ND(1.1)	NA	ND(2.3)	ND(11)
2,4,6-Trichlorophenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2,4-Dichlorophenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2,4-Dimethylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2,4-Dinitrophenol	ND(1.1)	NA	ND(2.3) J	ND(11)
2,4-Dinitrotoluene	ND(0.43) J	NA	ND(0.90) J	ND(4.6)
2,6-Dichlorophenol	NA	NA	NA	NA
2,6-Dinitrotoluene	ND(0.43)	NA	ND(0.90)	ND(4.6)
2-Acetylaminofluorene	NA	NA	NA	NA
2-Chloronaphthalene	ND(0.43)	NA	ND(0.90)	ND(4.6)
2-Chlorophenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.90)	27
2-Methylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2-Naphthylamine	NA	NA	NA	NA
2-Nitroaniline	ND(1.1)	NA	ND(2.3)	ND(11)
2-Nitrophenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
2-Picoline	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ND(0.43)	NA	ND(0.90)	ND(4.6)
3,3'-Dimethylbenzidine	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA
3-Nitroaniline	ND(1.1)	NA	ND(2.3)	ND(11)
4,6-Dinitro-2-methylphenol	ND(1.1)	NA	ND(2.3)	ND(11)
4-Aminobiphenyl	NA	NA	NA	NA
4-Bromophenyl-phenylether	ND(0.43)	NA	ND(0.90)	ND(4.6)
4-Chloro-3-Methylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
4-Chloroaniline	ND(0.43)	NA	ND(0.90)	ND(4.6)
4-Chlorobenzilate	NA	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.43)	NA	ND(0.90)	ND(4.6)
4-Methylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
4-Nitroaniline	ND(1.1)	NA	ND(2.3)	ND(11)
4-Nitrophenol	ND(1.1)	NA	ND(2.3)	ND(11)
4-Nitroquinoline-1-oxide	NA	NA	NA	NA
4-Phenylenediamine	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	BH000555 LS-BH000555-0-0100 10-15 01/31/02	BH000555 LS-BH000555-0-0120 12-14 01/31/02	BH000557 OB-BH000557-0-0100 10-15 02/06/02	BH000559 OB-BH000559-0-0060 6-10 01/25/02
Semivolatile Organics (continued)					
7,12-Dimethylbenz(a)anthracene		NA	NA	NA	NA
a,a'-Dimethylphenethylamine		NA	NA	NA	NA
Acenaphthene		ND(0.43)	NA	ND(0.90)	36
Acenaphthylene		ND(0.43)	NA	0.30 J	2.4 J
Acetophenone		NA	NA	NA	NA
Aniline		NA	NA	NA	NA
Anthracene		ND(0.43)	NA	0.18 J	16
Aramite		NA	NA	NA	NA
Azobenzene		NA	NA	NA	NA
Benzo(a)anthracene		ND(0.43)	NA	0.52 J	16
Benzo(a)pyrene		ND(0.43)	NA	0.82 J	16
Benzo(b)fluoranthene		ND(0.43)	NA	0.45 J	6.0
Benzo(g,h,i)perylene		ND(0.43) J	NA	0.21 J	8.9
Benzo(k)fluoranthene		ND(0.43)	NA	0.46 J	10
Benzyl Alcohol		NA	NA	NA	NA
bis(2-Chloroethoxy)methane		ND(0.43)	NA	ND(0.90)	ND(4.6)
bis(2-Chloroethyl)ether		ND(0.43)	NA	ND(0.90)	ND(4.6)
bis(2-Chloroisopropyl)ether		ND(0.43)	NA	ND(0.90)	ND(4.6)
bis(2-Ethylhexyl)adipate		ND(0.43)	NA	ND(0.90)	ND(4.6)
bis(2-Ethylhexyl)phthalate		ND(0.43)	NA	4.5	0.49 J
Butylbenzylphthalate		ND(0.43)	NA	ND(0.90)	ND(4.6)
Carbazole		ND(0.43)	NA	ND(0.90)	ND(4.6)
Chrysene		ND(0.43)	NA	0.57 J	14
Diallate		NA	NA	NA	NA
Dibenzo(a,h)anthracene		ND(0.43)	NA	ND(0.90)	2.9 J
Dibenzofuran		ND(0.43)	NA	ND(0.90)	1.3 J
Diethylphthalate		ND(0.43)	NA	ND(0.90)	ND(4.6)
Dimethylphthalate		ND(0.43)	NA	ND(0.90)	ND(4.6)
Di-n-Butylphthalate		ND(0.43)	NA	ND(0.90)	ND(4.6)
Di-n-Octylphthalate		ND(0.43)	NA	ND(0.90)	ND(4.6)
Dinoseb		NA	NA	NA	NA
Ethyl Methanesulfonate		NA	NA	NA	NA
Fluoranthene		0.061 J	NA	0.67 J	26
Fluorene		ND(0.43)	NA	ND(0.90)	21
Hexachlorobenzene		ND(0.43)	NA	ND(0.90)	ND(4.6)
Hexachlorobutadiene		ND(0.43)	NA	ND(0.90)	ND(4.6)
Hexachlorocyclopentadiene		ND(0.43)	NA	ND(0.90)	ND(4.6)
Hexachloroethane		ND(0.43)	NA	ND(0.90)	ND(4.6)
Hexachloropropene		NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		ND(0.43)	NA	0.35 J	6.8
Isodrin		NA	NA	NA	NA
Isophorone		ND(0.43)	NA	ND(0.90)	ND(4.6)
Isosafrole		NA	NA	NA	NA
Methapyrilene		NA	NA	NA	NA
Methyl Methanesulfonate		NA	NA	NA	NA
Naphthalene		ND(0.43)	NA	ND(0.90)	33
Nitrobenzene		ND(0.43)	NA	ND(0.90)	ND(4.6)
N-Nitrosodiethylamine		NA	NA	NA	NA
N-Nitrosodimethylamine		NA	NA	NA	NA
N-Nitroso-di-n-butylamine		NA	NA	NA	NA
N-Nitroso-di-n-propylamine		ND(0.43)	NA	ND(0.90)	ND(4.6)
N-Nitrosodiphenylamine		ND(0.43)	NA	ND(0.90)	ND(4.6)
N-Nitrosomethylethylamine		NA	NA	NA	NA
N-Nitrosomorpholine		NA	NA	NA	NA
N-Nitrosopiperidine		NA	NA	NA	NA
N-Nitrosopyrrolidine		NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA
o-Toluidine		NA	NA	NA	NA
p-Dimethylaminoazobenzene		NA	NA	NA	NA
Pentachlorobenzene		NA	NA	NA	NA
Pentachloroethane		NA	NA	NA	NA
Pentachloronitrobenzene		NA	NA	NA	NA
Pentachlorophenol		ND(1.1) J	NA	ND(2.3)	ND(11)

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000555 LS-BH000555-0-0100 10-15 01/31/02	BH000555 LS-BH000555-0-0120 12-14 01/31/02	BH000557 OB-BH000557-0-0100 10-15 02/06/02	BH000559 OB-BH000559-0-0060 6-10 01/25/02
Semivolatile Organics (continued)				
Phenacetin	NA	NA	NA	NA
Phenanthrene	ND(0.43)	NA	0.43 J	38
Phenol	ND(0.43)	NA	ND(0.90)	ND(4.6)
Pronamide	NA	NA	NA	NA
Pyrene	0.053 J	NA	0.72 J	33
Pyridine	NA	NA	NA	NA
Safrole	NA	NA	NA	NA
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA
Endrin	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA
Kepone	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA
Famphur	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA
Phorate	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA
Herbicides				
2,4,5-T	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000010)	NA	0.0000013	0.000033
TCDFs (total)	0.0000052	NA	0.000012	0.00014 J
1,2,3,7,8-PeCDF	ND(0.00000039)	NA	0.0000015 J	0.000014 J
2,3,4,7,8-PeCDF	ND(0.00000055)	NA	0.0000087	0.000024 J
PeCDFs (total)	0.0000046	NA	0.000046	0.00019 J
1,2,3,4,7,8-HxCDF	0.00000087 J	NA	0.000054	0.000041
1,2,3,6,7,8-HxCDF	ND(0.00000059)	NA	0.000027	0.000016 J
1,2,3,7,8,9-HxCDF	ND(0.00000013)	NA	0.0000098	0.0000080 J
2,3,4,6,7,8-HxCDF	ND(0.00000030)	NA	0.000015	0.000014 J
HxCDFs (total)	0.0000045	NA	0.00018	0.00020
1,2,3,4,6,7,8-HpCDF	0.0000016 J	NA	0.000040	0.000066
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	0.000027	0.000018 J
HpCDFs (total)	0.0000029	NA	0.00011	0.00014
OCDF	ND(0.0000017)	NA	0.00011	0.000082 J

TABLE B-3
EPA 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 / Location ID:	BH000555	BH000555	BH000557	BH000559
Sample ID:	LS-BH000555-0-0100	LS-BH000555-0-0120	OB-BH000557-0-0100	OB-BH000559-0-0060
Sample Depth(Feet):	10-15	12-14	10-15	6-10
Date Collected:	01/31/02	01/31/02	02/06/02	01/25/02
Dioxins				
2,3,7,8-TCDD	ND(0.00000011)	NA	0.00000016	ND(0.0000012)
TCDDs (total)	0.00000013 J	NA	0.00000037	0.0000067 J
1,2,3,7,8-PeCDD	ND(0.000000097)	NA	0.00000026 J	0.0000028 J
PeCDDs (total)	0.00000013 J	NA	ND(0.00000021)	0.000019 J
1,2,3,4,7,8-HxCDD	ND(0.00000027)	NA	0.00000019 J	0.0000022 J
1,2,3,6,7,8-HxCDD	ND(0.00000019)	NA	0.00000028 J	0.0000058 J
1,2,3,7,8,9-HxCDD	ND(0.00000013)	NA	0.00000030 J	0.0000029 J
HxCDDs (total)	ND(0.00000086)	NA	0.0000015	0.000014
1,2,3,4,6,7,8-HpCDD	ND(0.0000017)	NA	ND(0.0000011)	0.000024 J
HpCDDs (total)	ND(0.0000037)	NA	ND(0.0000019)	0.000046
OCDD	ND(0.000012)	NA	ND(0.0000048)	0.00018
Total TEQs (WHO TEFs)	0.00000050	NA	0.000016	0.000030
Inorganics				
Antimony	ND(0.250)	NA	ND(0.250)	0.310
Arsenic	ND(5.00)	NA	ND(5.00)	ND(5.00)
Barium	17.4	NA	19.9	22.3
Beryllium	ND(0.250)	NA	ND(0.250)	ND(0.250)
Cadmium	0.140	NA	0.180	0.260
Chromium	5.20	NA	8.00	21.7
Cobalt	5.10	NA	5.50	5.00
Copper	10.8	NA	19.2	31.5
Cyanide	NA	NA	NA	NA
Lead	17.2	NA	20.0 J	40.9
Mercury	0.0310	NA	0.0680	0.280
Nickel	9.00	NA	9.90	9.20
Selenium	ND(10.0)	NA	ND(10.0)	ND(10.0)
Silver	ND(0.100)	NA	ND(0.100)	0.130
Sulfide	NA	NA	NA	NA
Thallium	ND(0.100)	NA	ND(0.100)	ND(0.100)
Tin	NA	NA	NA	NA
Vanadium	4.80	NA	5.80	4.90
Zinc	36.0	NA	46.2	63.2

TABLE B-3
EPA 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 / Location ID:	BH000773	BH000773	BH000774	BH000774
Sample ID:	LS-BH000773-0-0010	LS-BH000773-0-0030	LS-BH000774-0-0010	LS-BH000774-0-0030
Sample Depth(Feet):	1-3	3-6	1-3	3-6
Date Collected:	07/16/02	07/16/02	07/16/02	07/16/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,1,1-Trichloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
1,1,2,2-Tetrachloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,1,2-Trichloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,1-Dichloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
1,1-Dichloroethene	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
1,1-Dichloropropene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,2,4-Trichlorobenzene	ND(0.42)	8.9 J [22 J]	0.14 J	ND(0.0043)
1,2,4-Trimethylbenzene	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,2-Dibromoethane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,2-Dichlorobenzene	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
1,2-Dichloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
1,3,5-Trimethylbenzene	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.42)	ND(2.6) [ND(1.1)]	0.018 J	ND(0.0043)
1,3-Dichloropropane	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.42)	ND(2.6) [ND(1.1)]	0.084 J	ND(0.0043)
1,4-Dioxane	R	R [R]	R	R
2,2-Dichloropropane	NA	NA	NA	NA
2-Butanone	R	R [R]	R	R
2-Chloro-1,3-butadiene	ND(0.42)	ND(2.6) [ND(1.1)]	R	ND(0.0043)
2-Chloroethylvinylether	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
2-Chlorotoluene	NA	NA	NA	NA
2-Hexanone	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0053) J	ND(0.0043) J
3-Chloropropene	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
4-Chlorotoluene	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Acetone	R	8.3 J [R]	0.21 J	0.034 J
Acrolein	R	R [R]	R	R
Acrylonitrile	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Benzene	ND(0.42)	ND(2.6) [0.21 J]	0.0095 J	0.0046 J
Bromobenzene	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA
Bromodichloromethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Bromoform	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
Bromomethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Carbon Disulfide	ND(0.42)	ND(2.6) [ND(1.1)]	0.011 J	0.011 J
Carbon Tetrachloride	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Chlorobenzene	ND(0.42)	ND(2.6) [ND(1.1)]	0.095 J	0.0017 J
Chloroethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Chloroform	ND(0.42)	ND(2.6) [0.25 J]	0.0012 J	R
Chloromethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
cis-1,2-Dichloroethene	1.3	24 [15]	0.0057 J	R
cis-1,3-Dichloropropene	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Dibromochloromethane	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
Dibromomethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Ethyl Methacrylate	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
Ethylbenzene	ND(0.42)	ND(2.6) [ND(1.1)]	0.019 J	ND(0.0043)
Freon 12	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Hexachlorobutadiene	NA	NA	NA	NA
Iodomethane	ND(0.42)	ND(2.6) [ND(1.1)]	0.0062 J	R
Isobutanol	R	R [R]	R	R
Isopropylbenzene	NA	NA	NA	NA
m&p-Xylene	ND(0.42)	ND(2.6) [ND(1.1)]	0.15 J	0.0016 J
Methacrylonitrile	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Methyl Methacrylate	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Methylene Chloride	ND(0.42)	1.2 J [ND(1.1)]	0.0076 J	0.026 J
Naphthalene	ND(0.42)	ND(2.6) [ND(1.1)]	0.25 J	0.0024 J
n-Butylbenzene	NA	NA	NA	NA

TABLE B-3
EPA 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 / Location ID:	BH000773	BH000773	BH000774	BH000774
Sample ID:	LS-BH000773-0-0010	LS-BH000773-0-0030	LS-BH000774-0-0010	LS-BH000774-0-0030
Sample Depth(Feet):	1-3	3-6	1-3	3-6
Date Collected:	07/16/02	07/16/02	07/16/02	07/16/02
Volatile Organics (continued)				
n-Propylbenzene	NA	NA	NA	NA
o-Xylene	ND(0.42)	ND(2.6) [ND(1.1)]	0.017 J	ND(0.0043)
p-Isopropyltoluene	NA	NA	NA	NA
Propionitrile	R	R [R]	R	R
sec-Butylbenzene	NA	NA	NA	NA
Styrene	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
tert-Butylbenzene	NA	NA	NA	NA
Tetrachloroethene	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
Tetrahydrofuran	NA	NA	NA	NA
Toluene	ND(0.42)	ND(2.6) [ND(1.1)]	0.0054 J	0.0016 J
trans-1,2-Dichloroethene	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
trans-1,3-Dichloropropene	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
trans-1,4-Dichloro-2-butene	ND(0.42)	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)
Trichloroethene	6.2	83 J [40 J]	0.0093 J	R
Trichlorofluoromethane	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Vinyl Acetate	ND(0.42)	ND(2.6) [ND(1.1)]	R	R
Vinyl Chloride	ND(0.42)	ND(2.6) [0.30 J]	0.042 J	R
Xylenes (total)	ND(0.42)	ND(2.6) [ND(1.1)]	0.17 J	0.0016 J
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
1,2,4-Trichlorobenzene	ND(0.72)	23 [20]	0.36 J	ND(4.5)
1,2-Dichlorobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
1,3,5-Trinitrobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
1,3-Dichlorobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	0.030 J	ND(4.5)
1,3-Dinitrobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
1,4-Dichlorobenzene	ND(0.72)	0.34 J [0.33 J]	0.19 J	ND(4.5)
1,4-Naphthoquinone	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
1-Naphthylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,3,4,6-Tetrachlorophenol	ND(0.72) J	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,4,5-Trichlorophenol	ND(1.8)	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
2,4,6-Trichlorophenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,4-Dichlorophenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,4-Dimethylphenol	ND(0.72)	ND(4.8) [ND(3.8)]	0.027 J	ND(4.5)
2,4-Dinitrophenol	ND(1.8) J	ND(12) J [ND(9.6) J]	ND(0.91) J	ND(11) J
2,4-Dinitrotoluene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,6-Dichlorophenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2,6-Dinitrotoluene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Acetylaminofluorene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Chloronaphthalene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Chlorophenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Methylnaphthalene	ND(0.72)	ND(4.8) [ND(3.8)]	0.23 J	0.91 J
2-Methylphenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Naphthylamine	ND(0.72) J	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Nitroaniline	ND(1.8)	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
2-Nitrophenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
2-Picoline	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
3,3'-Dichlorobenzidine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
3,3'-Dimethylbenzidine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
3-Methylcholanthrene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
3-Nitroaniline	ND(1.8)	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
4-Aminobiphenyl	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Bromophenyl-phenylether	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Chloro-3-Methylphenol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Chloroaniline	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Chlorobenzilate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Chlorophenyl-phenylether	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
4-Methylphenol	ND(0.72)	ND(4.8) [ND(3.8)]	0.022 J	ND(4.5)
4-Nitroaniline	ND(1.8) J	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
4-Nitrophenol	ND(1.8) J	ND(12) [ND(9.6)]	ND(0.91)	ND(11)
4-Nitroquinoline-1-oxide	ND(0.72) J	ND(4.8) J [ND(3.8) J]	ND(0.36) J	ND(4.5) J
4-Phenylenediamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
5-Nitro-o-toluidine	ND(0.72) J	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000773 LS-BH000773-0-0010 1-3 07/16/02	BH000773 LS-BH000773-0-0030 3-6 07/16/02	BH000774 LS-BH000774-0-0010 1-3 07/16/02	BH000774 LS-BH000774-0-0030 3-6 07/16/02
Semivolatile Organics (continued)				
7,12-Dimethylbenz(a)anthracene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
a,a'-Dimethylphenethylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Acenaphthene	ND(0.72)	ND(4.8) [ND(3.8)]	0.17 J	2.8 J
Acenaphthylene	0.16 J	ND(4.8) [ND(3.8)]	0.025 J	ND(4.5)
Acetophenone	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Aniline	ND(1.8)	ND(12) [ND(9.6)]	0.88 J	ND(11)
Anthracene	0.14 J	ND(4.8) [ND(3.8)]	0.18 J	4.7
Aramite	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Azobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Benzo(a)anthracene	1.6	ND(4.8) [0.18 J]	0.50	11
Benzo(a)pyrene	1.4	ND(4.8) [ND(3.8)]	0.54	9.6
Benzo(b)fluoranthene	2.0	ND(4.8) [ND(3.8)]	0.70	9.2
Benzo(g,h,i)perylene	0.97	ND(4.8) [ND(3.8)]	0.20 J	5.2
Benzo(k)fluoranthene	1.2	ND(4.8) [ND(3.8)]	0.64	7.9
Benzyl Alcohol	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
bis(2-Chloroethoxy)methane	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
bis(2-Chloroethyl)ether	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
bis(2-Chloroisopropyl)ether	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
bis(2-Ethylhexyl)adipate	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.72)	ND(4.8) [ND(3.8)]	0.040 J	ND(4.5)
Butylbenzylphthalate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Carbazole	NA	NA	NA	NA
Chrysene	1.8	ND(4.8) [0.30 J]	0.67	12
Diallate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Dibenzo(a,h)anthracene	0.32 J	ND(4.8) [ND(3.8)]	0.088 J	2.0 J
Dibenzofuran	ND(0.72)	ND(4.8) [ND(3.8)]	0.065 J	2.4 J
Diethylphthalate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Dimethylphthalate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Di-n-Butylphthalate	ND(0.72)	ND(4.8) [ND(3.8)]	0.96	ND(4.5)
Di-n-Octylphthalate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Dinoseb	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Ethyl Methanesulfonate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Fluoranthene	2.9	ND(4.8) [ND(3.8)]	1.1	25
Fluorene	0.034 J	ND(4.8) [ND(3.8)]	0.12 J	2.9 J
Hexachlorobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Hexachlorobutadiene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Hexachlorocyclopentadiene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Hexachloroethane	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Hexachloropropene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Indeno(1,2,3-cd)pyrene	0.85	ND(4.8) [ND(3.8)]	0.20 J	5.2
Isodrin	NA	NA	NA	NA
Isophorone	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Isosafrole	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Methapyrilene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Methyl Methanesulfonate	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Naphthalene	ND(0.72)	ND(4.8) [ND(3.8)]	0.45	1.8 J
Nitrobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosodiethylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosodimethylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitroso-di-n-propylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosodiphenylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosomethylethylamine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosomorpholine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosopiperidine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
N-Nitrosopyrrolidine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA
o-Toluidine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
p-Dimethylaminoazobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Pentachlorobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Pentachloroethane	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Pentachloronitrobenzene	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Pentachlorophenol	ND(1.8)	ND(12) [ND(9.6)]	ND(0.91)	ND(11)

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000773 LS-BH000773-0-0010 1-3 07/16/02	BH000773 LS-BH000773-0-0030 3-6 07/16/02	BH000774 LS-BH000774-0-0010 1-3 07/16/02	BH000774 LS-BH000774-0-0030 3-6 07/16/02
Semivolatile Organics (continued)				
Phenacetin	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Phenanthrene	1.4	ND(4.8) [0.21 J]	0.95	30
Phenol	ND(0.72)	ND(4.8) [ND(3.8)]	0.56	ND(4.5)
Pronamide	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Pyrene	3.0	ND(4.8) [ND(3.8)]	0.73	23
Pyridine	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Safrole	ND(0.72)	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA
Endrin	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA
Kepone	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA
Famphur	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA
Phorate	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA
Herbicides				
2,4,5-T	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	BH000773 / LS-BH000773-0-0010 / 1-3 / 07/16/02	BH000773 / LS-BH000773-0-0030 / 3-6 / 07/16/02	BH000774 / LS-BH000774-0-0010 / 1-3 / 07/16/02	BH000774 / LS-BH000774-0-0030 / 3-6 / 07/16/02
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
Inorganics					
Antimony		ND(1.30) J	ND(1.10) J [ND(0.980) J]	3.90 J	4.60 J
Arsenic		6.50	4.20 [3.60]	10.1	6.10
Barium		36.0	756 [958]	84.3	167
Beryllium		0.870	0.220 J [0.200 J]	0.460 J	0.930
Cadmium		0.330 J	0.440 J [0.290 J]	1.40	1.30
Chromium		5.90	12.2 [8.20]	19.8	18.1
Cobalt		5.20 J	3.90 J [4.50 J]	9.50	7.30
Copper		18.0	580 J [205 J]	154	94.4
Cyanide		ND(0.510)	ND(0.540) [ND(0.570)]	ND(0.540)	ND(0.460)
Lead		7.20	11300 J [4980 J]	153	162
Mercury		0.0460	0.180 [0.250]	0.140	ND(0.0160)
Nickel		11.3	10.5 [9.00]	26.2	8.20
Selenium		0.530 J	0.610 [0.440 J]	0.790	1.00
Silver		ND(0.160)	ND(0.140) [ND(0.160)]	0.220 J	0.380 J
Sulfide		R	R	11.6 J	146 J
Thallium		ND(0.640)	ND(0.570) [ND(0.630)]	ND(0.610)	ND(0.620)
Tin		0.520 J	24.0 J [11.8 J]	9.40	18.6
Vanadium		6.50	8.50 [7.90]	24.5	28.7
Zinc		43.6	156 J [75.0 J]	260	362

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L24 LS-BH000789-0-0060 6-8 08/13/02	RAA12-L26 LS-BH000788-0-0030 3-6 08/12/02	RAA12-Y4 LS-BH000808-0-0010 1-3 08/21/02	RAA12-Z3 LS-BH000791-0-0000 0-1 08/15/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
1,1,1-Trichloroethane	ND(0.56)	R	ND(0.0083)	R
1,1,2,2-Tetrachloroethane	ND(0.56)	ND(0.0060) J	ND(0.0083) J	ND(0.0064) J
1,1,2-Trichloroethane	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
1,1-Dichloroethane	ND(0.56)	R	ND(0.0083)	R
1,1-Dichloroethene	ND(0.56)	R	ND(0.0083)	R
1,1-Dichloropropene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.56)	ND(0.0060) J	ND(0.0083) J	ND(0.0064) J
1,2,4-Trichlorobenzene	8.5	0.061 J	ND(0.0083) J	ND(0.0064) J
1,2,4-Trimethylbenzene	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.56)	ND(0.0060) J	ND(0.0083) J	ND(0.0064) J
1,2-Dibromoethane	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
1,2-Dichlorobenzene	2.8	0.0033 J	ND(0.0083) J	ND(0.0064) J
1,2-Dichloroethane	ND(0.56)	R	ND(0.0083)	R
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.56)	R	ND(0.0083)	R
1,3,5-Trimethylbenzene	NA	NA	NA	NA
1,3-Dichlorobenzene	6.0	0.014 J	ND(0.0083) J	ND(0.0064) J
1,3-Dichloropropane	NA	NA	NA	NA
1,4-Dichlorobenzene	38	0.036 J	ND(0.0083) J	ND(0.0064) J
1,4-Dioxane	R	R	R	R
2,2-Dichloropropane	NA	NA	NA	NA
2-Butanone	R	R	0.0072 J	0.026 J
2-Chloro-1,3-butadiene	ND(0.56)	R	ND(0.0083)	R
2-Chloroethylvinylether	ND(0.56)	R	R	R
2-Chlorotoluene	NA	NA	NA	NA
2-Hexanone	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
3-Chloropropene	ND(0.56)	R	ND(0.0083)	R
4-Chlorotoluene	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.56)	R	ND(0.0083)	R
Acetone	ND(0.56)	0.23 J	0.11 J	0.78 J
Acrolein	R	R	R	R
Acrylonitrile	ND(0.56)	R	ND(0.0083)	R
Benzene	0.49 J	R	0.0067 J	0.0058 J
Bromobenzene	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA
Bromodichloromethane	ND(0.56)	R	ND(0.0083)	R
Bromoform	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
Bromomethane	ND(0.56)	0.099 J	ND(0.0083)	R
Carbon Disulfide	ND(0.56)	0.016 J	ND(0.0083)	0.028 J
Carbon Tetrachloride	ND(0.56)	R	ND(0.0083)	R
Chlorobenzene	7.7	0.017 J	ND(0.0083)	ND(0.0064) J
Chloroethane	ND(0.56)	R	ND(0.0083)	R
Chloroform	ND(0.56)	R	ND(0.0083)	R
Chloromethane	ND(0.56)	0.22 J	ND(0.0083)	0.012 J
cis-1,2-Dichloroethene	28	R	ND(0.0083)	R
cis-1,3-Dichloropropene	ND(0.56)	R	ND(0.0083)	R
Dibromochloromethane	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
Dibromomethane	ND(0.56)	R	ND(0.0083)	R
Ethyl Methacrylate	ND(0.56)	R	ND(0.0083)	ND(0.0064) J
Ethylbenzene	0.45 J	R	ND(0.0083)	ND(0.0064) J
Freon 12	ND(0.56)	R	ND(0.0083)	R
Hexachlorobutadiene	NA	NA	NA	NA
Iodomethane	ND(0.56)	0.035 J	ND(0.0083)	R
Isobutanol	R	R	R	R
Isopropylbenzene	NA	NA	NA	NA
m&p-Xylene	2.2	R	ND(0.0083)	ND(0.0064) J
Methacrylonitrile	ND(0.56)	R	ND(0.0083)	R
Methyl Methacrylate	ND(0.56)	R	ND(0.0083)	R
Methylene Chloride	0.16 J	0.024 J	ND(0.0083)	0.0081 J
Naphthalene	0.36 J	ND(0.0017) J	ND(0.0083) J	ND(0.0064) J
n-Butylbenzene	NA	NA	NA	NA

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA12-L24 / LS-BH000789-0-0060 / 6-8 / 08/13/02	RAA12-L26 / LS-BH000788-0-0030 / 3-6 / 08/12/02	RAA12-Y4 / LS-BH000808-0-0010 / 1-3 / 08/21/02	RAA12-Z3 / LS-BH000791-0-0000 / 0-1 / 08/15/02
Volatile Organics (continued)					
n-Propylbenzene		NA	NA	NA	NA
o-Xylene		0.74	R	ND(0.0083)	0.0012 J
p-Isopropyltoluene		NA	NA	NA	NA
Propionitrile		R	R	R	R
sec-Butylbenzene		NA	NA	NA	NA
Styrene		ND(0.56)	R	ND(0.0083)	ND(0.0064) J
tert-Butylbenzene		NA	NA	NA	NA
Tetrachloroethene		ND(0.56)	R	ND(0.0083)	ND(0.0064) J
Tetrahydrofuran		NA	NA	NA	NA
Toluene		0.81	R	0.011 J	0.0027 J
trans-1,2-Dichloroethene		0.69	R	ND(0.0083)	R
trans-1,3-Dichloropropene		ND(0.56)	R	ND(0.0083)	ND(0.0064) J
trans-1,4-Dichloro-2-butene		ND(0.56)	ND(0.0060) J	ND(0.0083) J	ND(0.0064) J
Trichloroethene		1.9	R	ND(0.0083)	R
Trichlorofluoromethane		ND(0.56)	R	ND(0.0083)	R
Vinyl Acetate		ND(0.56)	R	ND(0.0083)	R
Vinyl Chloride		0.61	R	ND(0.0083)	R
Xylenes (total)		3.0	R	ND(0.0083)	0.0012 J
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		1.9 J	0.23 J	ND(0.94)	ND(1.0)
1,2,4-Trichlorobenzene		56 J	5.6	ND(0.94)	ND(1.0)
1,2-Dichlorobenzene		6.4	0.20 J	ND(0.94)	ND(1.0)
1,3,5-Trinitrobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
1,3-Dichlorobenzene		12	1.5	ND(0.94)	ND(1.0)
1,3-Dinitrobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
1,4-Dichlorobenzene		72 J	5.2 J	ND(0.94)	ND(1.0)
1,4-Naphthoquinone		ND(3.9)	ND(1.3)	ND(0.94) J	ND(1.0) J
1-Naphthylamine		ND(3.9)	ND(1.3) J	ND(0.94)	ND(1.0)
2,3,4,6-Tetrachlorophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,4,5-Trichlorophenol		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
2,4,6-Trichlorophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,4-Dichlorophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,4-Dimethylphenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,4-Dinitrophenol		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
2,4-Dinitrotoluene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,6-Dichlorophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2,6-Dinitrotoluene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Acetylaminofluorene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Chloronaphthalene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Chlorophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Methylnaphthalene		1.1 J	ND(1.3)	0.56 J	0.18 J
2-Methylphenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Naphthylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Nitroaniline		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
2-Nitrophenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
2-Picoline		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
3,3'-Dichlorobenzidine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
3,3'-Dimethylbenzidine		ND(3.9)	ND(1.3) J	ND(0.94)	ND(1.0)
3-Methylcholanthrene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
3-Nitroaniline		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
4,6-Dinitro-2-methylphenol		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
4-Aminobiphenyl		ND(3.9)	ND(1.3) J	ND(0.94)	ND(1.0)
4-Bromophenyl-phenylether		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
4-Chloro-3-Methylphenol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
4-Chloroaniline		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
4-Chlorobenzilate		ND(3.9) J	ND(1.3)	ND(0.94)	ND(1.0)
4-Chlorophenyl-phenylether		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
4-Methylphenol		0.84 J	ND(1.3)	0.096 J	ND(1.0)
4-Nitroaniline		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
4-Nitrophenol		ND(9.8)	ND(3.3)	ND(2.4)	ND(2.6)
4-Nitroquinoline-1-oxide		R	R	ND(0.94) J	ND(1.0) J
4-Phenylenediamine		ND(3.9) J	ND(1.3) J	ND(0.94) J	ND(1.0) J
5-Nitro-o-toluidine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA12-L24 / LS-BH000789-0-0060 / 6-8 / 08/13/02	RAA12-L26 / LS-BH000788-0-0030 / 3-6 / 08/12/02	RAA12-Y4 / LS-BH000808-0-0010 / 1-3 / 08/21/02	RAA12-Z3 / LS-BH000791-0-0000 / 0-1 / 08/15/02
Semivolatile Organics (continued)					
7,12-Dimethylbenz(a)anthracene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
a,a'-Dimethylphenethylamine		ND(3.9) J	ND(1.3)	ND(0.94)	ND(1.0)
Acenaphthene		ND(3.9)	0.10 J	ND(0.94)	ND(1.0)
Acenaphthylene		ND(3.9)	ND(1.3)	1.8 J	0.32 J
Acetophenone		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Aniline		0.58 J	ND(3.3)	ND(2.4)	ND(2.6)
Anthracene		ND(3.9)	0.15 J	0.74 J	0.24 J
Aramite		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Azobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Benzo(a)anthracene		0.75 J	0.26 J	3.7 J	3.9
Benzo(a)pyrene		0.92 J	0.22 J	5.8 J	3.4 J
Benzo(b)fluoranthene		1.6 J	0.22 J	5.2	6.0
Benzo(g,h,i)perylene		0.54 J	0.18 J	2.0	1.2
Benzo(k)fluoranthene		1.3 J	0.28 J	4.3	3.6
Benzyl Alcohol		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
bis(2-Chloroethoxy)methane		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
bis(2-Chloroethyl)ether		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
bis(2-Chloroisopropyl)ether		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
bis(2-Ethylhexyl)adipate		NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		2.3 J	ND(1.3)	0.56 J	ND(1.0)
Butylbenzylphthalate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Carbazole		NA	NA	NA	NA
Chrysene		0.84 J	0.28 J	4.4	4.4
Diallate		ND(3.9) J	ND(1.3)	ND(0.94)	ND(1.0)
Dibenzo(a,h)anthracene		ND(3.9)	ND(1.3)	0.60 J	0.50 J
Dibenzofuran		0.32 J	0.061 J	0.13 J	0.28 J
Diethylphthalate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Dimethylphthalate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Di-n-Butylphthalate		ND(3.9)	ND(1.3)	0.097 J	0.053 J
Di-n-Octylphthalate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Dinoseb		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Ethyl Methanesulfonate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Fluoranthene		ND(3.9)	0.65 J	3.3	5.9
Fluorene		0.27 J	0.091 J	0.15 J	ND(1.0)
Hexachlorobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Hexachlorobutadiene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Hexachlorocyclopentadiene		ND(13)	ND(1.3)	ND(0.94)	ND(1.0)
Hexachloroethane		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Hexachloropropene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Indeno(1,2,3-cd)pyrene		0.45 J	0.15 J	1.8	1.3
Isodrin		NA	NA	NA	NA
Isophorone		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Isosafrole		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Methapyrilene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Methyl Methanesulfonate		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Naphthalene		1.3 J	0.11 J	0.83 J	0.37 J
Nitrobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosodiethylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosodimethylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitroso-di-n-butylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitroso-di-n-propylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosodiphenylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosomethylethylamine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosomorpholine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosopiperidine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
N-Nitrosopyrrolidine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA
o-Toluidine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
p-Dimethylaminoazobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Pentachlorobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Pentachloroethane		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Pentachloronitrobenzene		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Pentachlorophenol		ND(9.8)	ND(3.3)	ND(2.4) J	ND(2.6)

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA12-L24 / LS-BH000789-0-0060 / 6-8 / 08/13/02	RAA12-L26 / LS-BH000788-0-0030 / 3-6 / 08/12/02	RAA12-Y4 / LS-BH000808-0-0010 / 1-3 / 08/21/02	RAA12-Z3 / LS-BH000791-0-0000 / 0-1 / 08/15/02
Semivolatile Organics (continued)					
Phenacetin		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Phenanthrene		ND(3.9)	0.66 J	1.2 J	1.8
Phenol		3.7 J	ND(1.3)	ND(0.94)	ND(1.0)
Pronamide		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Pyrene		ND(3.9)	0.44 J	3.2	3.4
Pyridine		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Safrole		ND(3.9)	ND(1.3)	ND(0.94)	ND(1.0)
Organochlorine Pesticides					
4,4'-DDD		NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA
Aldrin		NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA
Endrin		NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA
Kepone		NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate		NA	NA	NA	NA
Disulfoton		NA	NA	NA	NA
Ethyl Parathion		NA	NA	NA	NA
Famphur		NA	NA	NA	NA
Methyl Parathion		NA	NA	NA	NA
Phorate		NA	NA	NA	NA
Sulfotep		NA	NA	NA	NA
Thionazin		NA	NA	NA	NA
Herbicides					
2,4,5-T		NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA
2,4-D		NA	NA	NA	NA
Furans					
2,3,7,8-TCDF		0.081	0.00018	NA	NA
TCDFs (total)		0.71	0.0014	NA	NA
1,2,3,7,8-PeCDF		0.091	0.000082	NA	NA
2,3,4,7,8-PeCDF		0.16	0.00022	NA	NA
PeCDFs (total)		1.3 J	0.0020 J	NA	NA
1,2,3,4,7,8-HxCDF		0.64 J	0.00016	NA	NA
1,2,3,6,7,8-HxCDF		0.26	0.00011	NA	NA
1,2,3,7,8,9-HxCDF		0.050	ND(0.000023)	NA	NA
2,3,4,6,7,8-HxCDF		0.078	0.00038	NA	NA
HxCDFs (total)		1.8 J	0.0051 J	NA	NA
1,2,3,4,6,7,8-HpCDF		0.50	0.00039	NA	NA
1,2,3,4,7,8,9-HpCDF		0.095	0.000064	NA	NA
HpCDFs (total)		0.72	0.0011	NA	NA
OCDF		1.5 J	0.00018	NA	NA

TABLE B-3
EPA 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)

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Dioxins					
2,3,7,8-TCDD		0.00062	0.0000022	NA	NA
TCDDs (total)		0.068	0.000031	NA	NA
1,2,3,7,8-PeCDD		0.0030	0.0000073	NA	NA
PeCDDs (total)		0.084	0.000058	NA	NA
1,2,3,4,7,8-HxCDD		0.0060	0.0000051	NA	NA
1,2,3,6,7,8-HxCDD		0.011	0.000012	NA	NA
1,2,3,7,8,9-HxCDD		0.0089	0.0000076	NA	NA
HxCDDs (total)		0.16	0.00014	NA	NA
1,2,3,4,6,7,8-HpCDD		0.14	0.00010	NA	NA
HpCDDs (total)		0.19	0.00019	NA	NA
OCDD		0.40	0.00039	NA	NA
Total TEQs (WHO TEFs)		0.21	0.00021	NA	NA
Inorganics					
Antimony		110	33.9	1.30 J	2.40 J
Arsenic		21.8	5.20	6.40	11.7
Barium		296	172	213	469
Beryllium		0.350 J	ND(0.280)	0.610	0.390 J
Cadmium		5.20	2.00	1.40	3.10
Chromium		50.7 J	14.3 J	26.2	41.0
Cobalt		12.6	3.40 J	8.20	9.80
Copper		91400 J	29000 J	679	739
Cyanide		ND(0.570)	ND(0.590)	ND(0.580)	ND(0.540)
Lead		6540 J	1960 J	998	1990 J
Mercury		0.590	4.50	0.910	0.220
Nickel		646	67.9	28.4	22.1
Selenium		2.60	0.710	ND(1.20)	1.60
Silver		37.9	5.20	0.990 J	ND(1.00)
Sulfide		ND(9.20)	ND(9.40) J	ND(9.70)	10.8
Thallium		ND(0.220)	ND(0.230)	ND(0.230)	ND(0.970)
Tin		5120 J	1250 J	59.2	61.8
Vanadium		10.2	9.30	25.6	24.3
Zinc		6080 J	7070 J	393 J	651

TABLE B-3
EPA 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)

Location ID:	RB010661	RB010761	RB010841	SL0187	SL0243
Sample ID:	H2-RB010661-0-0020	H2-RB010761-0-0000	H2-RB010841-0-0010	081898CT37	082498MS29
Sample Depth(Feet):	2-2.5	0-0.5	1-1.5	0-0.5	1-1.5
Parameter Date Collected:	11/24/98	11/23/98	11/20/98	08/18/98	08/24/98
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA
Freon 12	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA

TABLE B-3
EPA 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)

Location ID:	RB010661	RB010761	RB010841	SL0187	SL0243
Sample ID:	H2-RB010661-0-0020	H2-RB010761-0-0000	H2-RB010841-0-0010	081898CT37	082498MS29
Sample Depth(Feet):	2-2.5	0-0.5	1-1.5	0-0.5	1-1.5
Parameter Date Collected:	11/24/98	11/23/98	11/20/98	08/18/98	08/24/98
Volatile Organics (continued)					
n-Propylbenzene	NA	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
tert-Butylbenzene	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Tetrahydrofuran	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.39)	0.022 J	0.074 J	0.043 J	ND(0.35)
1,2-Dichlorobenzene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
1,3,5-Trinitrobenzene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
1,3-Dichlorobenzene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
1,3-Dinitrobenzene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
1,4-Dichlorobenzene	ND(0.39)	ND(0.40)	0.085 J	ND(0.37)	ND(0.35)
1,4-Naphthoquinone	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
1-Naphthylamine	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
2,4,5-Trichlorophenol	ND(0.98)	ND(1.0)	ND(1.0) J	ND(0.93)	ND(0.89)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.40)	ND(0.42) J	ND(0.37)	ND(0.35)
2,4-Dichlorophenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
2,4-Dimethylphenol	ND(0.39) J	ND(0.40) J	ND(0.42) J	0.056 J	ND(0.35) J
2,4-Dinitrophenol	ND(0.98)	ND(1.0)	ND(1.0)	ND(0.93)	ND(0.89) J
2,4-Dinitrotoluene	ND(0.39) J	ND(0.40) J	ND(0.42)	ND(0.37) J	ND(0.35) J
2,6-Dichlorophenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
2,6-Dinitrotoluene	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
2-Acetylaminofluorene	ND(0.39) J	ND(0.40) J	ND(0.42)	ND(0.37) J	ND(0.35)
2-Chloronaphthalene	ND(0.39) J	ND(0.40) J	ND(0.42) J	ND(0.37) J	ND(0.35) J
2-Chlorophenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
2-Methylnaphthalene	0.12 J	0.067 J	0.044 J	0.17 J	0.045 J
2-Methylphenol	ND(0.39)	ND(0.40)	ND(0.42)	0.070 J	ND(0.35) J
2-Naphthylamine	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
2-Nitroaniline	ND(0.98) J	ND(1.0) J	ND(1.0)	ND(0.93)	ND(0.89)
2-Nitrophenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
2-Picoline	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
3,3'-Dichlorobenzidine	ND(0.39) J	ND(0.40) J	ND(0.42)	ND(0.37) J	ND(0.35)
3,3'-Dimethylbenzidine	ND(0.39) J	ND(0.40) J	ND(0.42)	ND(0.37) J	R
3-Methylcholanthrene	ND(0.39) J	ND(0.40)	ND(0.42) J	ND(0.37) J	ND(0.35)
3-Nitroaniline	ND(0.98)	ND(1.0)	ND(1.0)	ND(0.93)	ND(0.89)
4,6-Dinitro-2-methylphenol	ND(0.98)	ND(1.0)	ND(1.0)	ND(0.93)	ND(0.89)
4-Aminobiphenyl	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35) J
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
4-Chloroaniline	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	R
4-Chlorobenzilate	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35) J
4-Methylphenol	0.022 J	ND(0.40)	ND(0.42)	ND(0.37)	0.038 J
4-Nitroaniline	ND(0.98)	ND(1.0) J	ND(1.0)	ND(0.93)	ND(0.89)
4-Nitrophenol	ND(0.98)	ND(1.0)	ND(1.0)	ND(0.93)	ND(0.89)
4-Nitroquinoline-1-oxide	ND(0.64)	R	ND(0.42)	ND(0.37)	R
4-Phenylenediamine	ND(0.39) J	ND(0.40) J	ND(0.42) J	ND(0.37) J	ND(0.35)
5-Nitro-o-toluidine	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)

TABLE B-3
EPA 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	Location ID:	RB010661	RB010761	RB010841	SL0187	SL0243
	Sample ID:	H2-RB010661-0-0020	H2-RB010761-0-0000	H2-RB010841-0-0010	081898CT37	082498MS29
	Sample Depth(Feet):	2-2.5	0-0.5	1-1.5	0-0.5	1-1.5
	Date Collected:	11/24/98	11/23/98	11/20/98	08/18/98	08/24/98
Semivolatile Organics (continued)						
7,12-Dimethylbenz(a)anthracene		ND(0.39) J	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35)
a,a'-Dimethylphenethylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Acenaphthene		0.15 J	0.042 J	0.094 J	0.17 J	ND(0.35) J
Acenaphthylene		0.10 J	0.089 J	0.064 J	0.19 J	0.041 J
Acetophenone		0.032 J	ND(0.40)	ND(0.42)	0.042 J	0.040 J
Aniline		ND(0.98)	ND(1.0)	ND(1.0)	ND(0.93)	R
Anthracene		0.42 J	0.13 J	0.23 J	0.72	0.035 J
Aramite		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Azobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Benzo(a)anthracene		1.6	0.86	0.97	2.4 J	0.13 J
Benzo(a)pyrene		1.9 J	0.92 J	1.2 J	2.7 J	0.17 J
Benzo(b)fluoranthene		1.3 J	0.81	0.87	2.3 J	0.18 J
Benzo(g,h,i)perylene		1.9 J	0.87 J	1.2 J	2.3 J	0.042 J
Benzo(k)fluoranthene		1.6 J	0.83	1.0 J	2.2 J	0.22 J
Benzyl Alcohol		ND(0.39) J	ND(0.40) J	ND(0.42)	0.10 J	0.052 J
bis(2-Chloroethoxy)methane		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
bis(2-Chloroethyl)ether		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
bis(2-Chloroisopropyl)ether		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35) J
bis(2-Ethylhexyl)adipate		NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	0.050 J
Butylbenzylphthalate		0.029 J	0.055 J	0.057 J	ND(0.37) J	ND(0.35)
Carbazole		NA	NA	NA	NA	NA
Chrysene		1.9	1.2	1.1	2.6 J	0.23 J
Diallate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Dibenzo(a,h)anthracene		0.56 J	0.24 J	0.31 J	0.61 J	ND(0.35)
Dibenzofuran		0.11 J	0.070 J	0.049 J	0.22 J	0.032 J
Diethylphthalate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35) J
Dimethylphthalate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35)
Di-n-Butylphthalate		ND(0.39)	ND(0.40)	ND(0.42)	0.23 J	0.037 J
Di-n-Octylphthalate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37) J	ND(0.35)
Dinoseb		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
Ethyl Methanesulfonate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Fluoranthene		3.7	2.0	2.1	4.1 J	0.40 J
Fluorene		0.18 J	0.14 J	0.096 J	0.20 J	ND(0.35)
Hexachlorobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Hexachlorobutadiene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	R
Hexachlorocyclopentadiene		ND(0.39) J	ND(0.40) J	ND(0.42) J	ND(0.37)	ND(0.35)
Hexachloroethane		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Hexachloropropene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Indeno(1,2,3-cd)pyrene		1.7 J	0.79 J	1.0 J	2.3 J	0.063 J
Isodrin		ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Isophorone		ND(0.39)	ND(0.40)	ND(0.42)	0.12 J	0.15 J
Isosafrole		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Methapyrilene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Methyl Methanesulfonate		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Naphthalene		0.20 J	0.10 J	0.11 J	0.30 J	0.079 J
Nitrobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosodiethylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosodimethylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitroso-di-n-butylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitroso-di-n-propylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosodiphenylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosomethylethylamine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosomorpholine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosopiperidine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
N-Nitrosopyrrolidine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA	ND(0.036)
o-Toluidine		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35) J
p-Dimethylaminoazobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Pentachlorobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Pentachloroethane		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Pentachloronitrobenzene		ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Pentachlorophenol		ND(0.98)	ND(1.0)	ND(1.0) J	ND(0.93)	ND(0.89)

TABLE B-3
EPA 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)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RB010661 H2-RB010661-0-0020 2-2.5 11/24/98	RB010761 H2-RB010761-0-0000 0-0.5 11/23/98	RB010841 H2-RB010841-0-0010 1-1.5 11/20/98	SL0187 081898CT37 0-0.5 08/18/98	SL0243 082498MS29 1-1.5 08/24/98
Semivolatile Organics (continued)					
Phenacetin	ND(0.39) J	ND(0.40) J	ND(0.42) J	ND(0.37)	ND(0.35)
Phenanthrene	2.2	1.8	0.96	3.8	0.25 J
Phenol	ND(0.39)	ND(0.40)	0.064 J	0.52	0.080 J
Pronamide	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Pyrene	3.7	1.9	2.3	6.4	0.29 J
Pyridine	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Safrole	ND(0.39)	ND(0.40)	ND(0.42)	ND(0.37)	ND(0.35)
Organochlorine Pesticides					
4,4'-DDD	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
4,4'-DDE	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
4,4'-DDT	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18) J
Aldrin	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Alpha-BHC	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Beta-BHC	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Delta-BHC	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Dieldrin	ND(0.80)	ND(0.20)	R	ND(0.76)	ND(0.18)
Endosulfan I	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Endosulfan II	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
Endosulfan Sulfate	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
Endrin	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
Endrin Aldehyde	ND(0.80)	ND(0.20)	ND(0.86)	ND(0.76)	ND(0.18)
Gamma-BHC (Lindane)	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Heptachlor	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Heptachlor Epoxide	ND(0.40)	ND(0.10)	ND(0.43)	ND(0.38)	ND(0.091)
Kepone	R	R	R	R	R
Methoxychlor	ND(4.0)	ND(1.0)	ND(4.3)	ND(3.8)	ND(0.91)
Technical Chlordane	ND(4.0)	ND(1.0)	ND(4.3)	ND(3.8)	ND(0.91)
Toxaphene	ND(40)	ND(10)	ND(43)	ND(38)	ND(9.1)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	ND(0.036)
Disulfoton	NA	NA	NA	NA	ND(0.036)
Ethyl Parathion	NA	NA	NA	NA	ND(0.036)
Famphur	NA	NA	NA	NA	ND(0.036)
Methyl Parathion	NA	NA	NA	NA	ND(0.036)
Phorate	NA	NA	NA	NA	ND(0.036)
Sulfotep	NA	NA	NA	NA	ND(0.036)
Thionazin	NA	NA	NA	NA	ND(0.036)
Herbicides					
2,4,5-T	NA	NA	NA	NA	ND(0.0052) J
2,4,5-TP	NA	NA	NA	NA	ND(0.0052)
2,4-D	NA	NA	NA	NA	ND(0.050)
Furans					
2,3,7,8-TCDF	0.000038	0.000039	0.000039	0.00010	0.000070
TCDFs (total)	0.00048 J	0.00086 J	0.0016 J	0.0013 J	0.00058 J
1,2,3,7,8-PeCDF	0.000030	0.000021	0.000011	0.000059	0.000025
2,3,4,7,8-PeCDF	0.000046	0.000047	0.000083	0.000080	0.000039
PeCDFs (total)	0.00057 J	0.0012 J	0.0024 J	0.0012 J	0.00061 J
1,2,3,4,7,8-HxCDF	0.000074	0.000070	0.000072	0.00011	0.000033
1,2,3,6,7,8-HxCDF	0.000046	0.000027	0.00030 J	0.000067 J	0.000025
1,2,3,7,8,9-HxCDF	0.000012	0.000013	0.000013	0.000010	0.0000045
2,3,4,6,7,8-HxCDF	0.000027	0.000032	0.000065	0.000073	0.000031
HxCDFs (total)	0.00073 J	0.00092 J	0.0017 J	0.0012 J	0.00048 J
1,2,3,4,6,7,8-HpCDF	0.00025 J	0.00016 J	0.00078 J	0.00039 J	0.000083
1,2,3,4,7,8,9-HpCDF	0.000024	0.000027	0.000037	0.000019	0.0000078
HpCDFs (total)	0.00064 J	0.00035 J	0.0017 J	0.00088 J	0.00020
OCDF	0.00025	0.00015	0.00066 J	0.00084	0.00012

TABLE B-3
EPA 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	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RB010661 H2-RB010661-0-0020 2-2.5 11/24/98	RB010761 H2-RB010761-0-0000 0-0.5 11/23/98	RB010841 H2-RB010841-0-0010 1-1.5 11/20/98	SL0187 081898CT37 0-0.5 08/18/98	SL0243 082498MS29 1-1.5 08/24/98
Dioxins						
2,3,7,8-TCDD		0.00000073	0.0000012	0.0000023	0.00011	0.0000032
TCDDs (total)		0.000017	0.000018	0.000031	0.00048	0.000053
1,2,3,7,8-PeCDD		0.0000031	0.0000024 J	0.0000078 J	0.000011	0.0000014 J
PeCDDs (total)		0.000032	0.000030	0.000060 J	0.00047	0.000050 J
1,2,3,4,7,8-HxCDD		0.0000078	0.0000034	0.000018	0.000012	0.0000025
1,2,3,6,7,8-HxCDD		0.000023	0.0000076	0.000052	0.000018	0.0000040
1,2,3,7,8,9-HxCDD		0.000014	0.0000048	0.000024	0.000011	0.0000031
HxCDDs (total)		0.00015	0.000082	0.00047	0.00053	0.000059
1,2,3,4,6,7,8-HpCDD		0.00049	0.000086	0.0013	0.00028	0.000059
HpCDDs (total)		0.00081	0.00016	0.0025	0.00054	0.00011
OCDD		0.0041	0.00043	0.0091	0.0032	0.00034
Total TEQs (WHO TEFs)		0.000061	0.000051	0.00013	0.00021	0.000044
Inorganics						
Antimony		1.30 J	1.30 J	ND(0.660) J	1.50 J	4.20 J
Arsenic		9.00	4.80	3.30	9.80	25.6
Barium		294	59.8	45.7	50.6	110
Beryllium		ND(0.0100)	0.130 J	0.280	0.250 J	0.430 J
Cadmium		0.560	0.550	ND(0.190)	ND(0.0900)	ND(0.0400)
Chromium		14.3	13.3	17.9 J	17.9	20.9 J
Cobalt		14.3	8.10	8.70	4.80 J	11.1
Copper		124	53.5	96.2	260	107 J
Cyanide		ND(0.670) J	ND(0.680) J	ND(0.730)	ND(0.580)	ND(0.540)
Lead		352	223	69.5	99.3	126
Mercury		0.870	0.920	0.230 J	0.490	0.100 J
Nickel		17.6	15.2	13.9	20.0	33.2
Selenium		ND(1.10) J	ND(0.590) J	ND(0.250) J	0.620	3.40 J
Silver		ND(0.300) J	ND(0.110) J	ND(0.240)	0.160 J	ND(0.140)
Sulfide		ND(5.80)	ND(5.80)	ND(6.20) J	ND(5.50)	ND(5.30) J
Thallium		ND(0.650)	ND(0.500)	0.560	R	2.00
Tin		34.0	19.2	ND(4.90)	20.4	28.0
Vanadium		16.6	12.0	14.1	21.9	28.6
Zinc		294	160	108	243	72.5

Notes:
1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. NA - Not Analyzed - Results were not reported for this analyte.
3. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
4. 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 denBerg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:
J - Estimated Value.
R - Rejected.

Appendix C

Soil Sampling Data Validation Report

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

APPENDIX C

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during pre-design investigation (PDI) activities conducted in support of Removal Design/Removal Action (RD/RA) at the Lyman Street Area, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia and Paradigm Analytical Laboratories, Inc. of Wilmington, North Carolina. Data validation was performed for 206 polychlorinated biphenyl (PCB) samples, 203 volatile organic compound (VOC) samples, 204 semi-volatile organic compound (SVOC) samples, 190 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 33 pesticide/herbicide samples, 202 metals samples, and 190 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved October 17, 2000);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).*

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table C-1. Each sample that was subjected to evaluation is listed in Table C-1 to document that the data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was performed. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers have been used in this data evaluation.

J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at an estimated concentration less than the Practical Quantitation Limit (PQL).

U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table C-1 for consistency with previous documents prepared for this investigation.

UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table C-1 for consistency with previous documents prepared for this investigation.

R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	101	11	6	427	33	24	602
VOCs	0	0	0	171	12	20	203
SVOCs	0	0	0	176	15	13	204
Pesticides/Herbicides	0	0	0	27	3	3	33
PCDDs/PCDFs	11	0	0	163	12	4	190
Metals	0	0	0	178	13	11	202
Cyanide/Sulfide	40	0	1	137	11	1	190
Total	**152**	**11**	**7**	**1,279**	**99**	**76**	**1,624**

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 90% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for Relative Percent Difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

Initial calibration criterion for organic analyses requires that the average Relative Response Factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	133	J
	2-Chloroethylvinylether	4	J
	Acetonitrile	31	J
	Acrolein	193	J
	Acrylonitrile	18	J
	Isobutanol	19	J
	Propionitrile	16	J
SVOCs	2,4-Dinitrophenol	35	J
	4-Nitrophenol	38	J
	4-Nitroquinoline-1-oxide	5	J
	4-Phenylenediamine	192	J
	Benzidine	5	J
	Hexachlorocyclopentadiene	7	J
	Hexachlorophene	64	J

Continuing calibration criterion for organic analyses requires that the continuing calibration RRF have a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compound that exceeded continuing calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Continuing Calibration RRF Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	2-Chloroethylvinylether	2	J
SVOCs	Benzidine	1	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument Response Factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detected compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detected sample results were qualified as estimated (J).

Initial calibration criterion for SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detected and non-detected compounds with %RSD values greater than 30% were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due those exceeded are identified below.

Compounds Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2,4-Dinitrophenol	12	J
	4-Nitrophenol	9	J
	Hexachlorocyclopentadiene	3	J

The continuing calibration criterion requires that the %D between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25% and for PCDDs/PCDFs be less than 35%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,1,2-Tetrachloroethane	6	J
	1,2-Dibromo-3-chloropropane	2	J
	1,2-Dichloroethane	13	J
	1,4-Dioxane	37	J
	2-Chloroethylvinylether	121	J
	2-Hexanone	1	J
	3-Chloropropene	2	J
	4-Methyl-2-pentanone	2	J
VOCs	Acetone	15	J
	Acrolein	6	J
	Acrylonitrile	59	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Bromoform	2	J
	Bromomethane	32	J
	Carbon Disulfide	35	J
	Carbon Tetrachloride	18	J
	Chloromethane	15	J
	Dichlorodifluoromethane	29	J
	Isobutanol	23	J
	Methacrylonitrile	36	J
	Methyl Methacrylate	15	J
	Propionitrile	27	J
	Tetrachloroethene	2	J
	trans-1,4-Dichloro-2-butene	3	J
	Trichlorofluoromethane	85	J
	Vinyl Acetate	15	J
SVOCs	1,2-Diphenylhydrazine	14	J
	1,3,5-Trinitrobenzene	11	J
	1,3-Dinitrobenzene	3	J
	2,4,6-Trichlorophenol	1	J
	2,4-Dinitrophenol	9	J
	2,6-Dinitrotoluene	15	J
	2-Acetylaminofluorene	30	J
	2-Naphthylamine	8	J
	2-Nitroaniline	16	J
	2-Picoline	10	J
	3,3'-Dichlorobenzidine	57	J
	3,3'-Dimethylbenzidine	43	J
	3-Nitroaniline	29	J
	4,6-Dinitro-2-methylphenol	3	J
	4-Aminobiphenyl	95	J
	4-Bromophenyl-phenylether	59	J
	4-Chlorobenzilate	58	J
	4-Nitroaniline	10	J
	4-Nitrophenol	1	J
	4-Nitroquinoline-1-oxide	45	J
	4-Phenylenediamine	14	J
	5-Nitro-o-toluidine	12	J
	a,a'-Dimethylphenethylamine	35	J
	Aniline	4	J
	Aramite	136	J
	Benzidine	114	J
	Benzo(a)anthracene	3	J
	Benzyl Alcohol	3	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	bis(2-Chloroisopropyl)ether	2	J
	Chrysene	12	J
	Diallate	43	J
	Fluoranthene	1	J
	Hexachlorobenzene	17	J
	Hexachlorocyclopentadiene	2	J
	Hexachloroethane	13	J
	Hexachlorophene	38	J
	Hexachloropropene	72	J
	Isodrin	10	J
	Isosafrole	3	J
	Methapyrilene	63	J
	Methyl Methanesulfonate	36	J
	N-Nitroso-di-n-butylamine	7	J
	N-Nitrosodiethylamine	13	J
	N-Nitrosomethylethylamine	7	J
	N-Nitrosopyrrolidine	44	J
	o-Toluidine	30	J
	p-Dimethylaminoazobenzene	13	J
	Pentachlorobenzene	12	J
	Pentachloronitrobenzene	28	J
	Phenacetin	8	J
	Pronamide	16	J
	Safrole	13	J
	Thionazin	42	J
PCDDs/PCDFs	1,2,3,7,8-PeCDD	1	J
	OCDD	7	J
	PeCDDs (total)	1	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% control limits, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	5	J
	Arsenic	1	J
	Beryllium	9	J
	Cadmium	8	J

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
	Selenium	57	J
	Thallium	65	J
	Zinc	2	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified as "U." The analytes detected in the method blanks and which resulted in qualification of sample data are presented below.

Compounds Qualified Due to Blank Deviations

Analysis	Compound	Number of Affected Samples	Qualification
Inorganics	Antimony	8	U
	Beryllium	31	U
	Tin	57	U
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	22	U
	1,2,3,4,6,7,8-HpCDF	5	U
	1,2,3,4,7,8,9-HpCDF	1	U
	1,2,3,6,7,8-HxCDF	7	U
	1,2,3,7,8,9-HxCDD	1	U
	1,2,3,7,8,9-HxCDF	3	U
	2,3,4,6,7,8-HxCDF	2	U
	2,3,4,7,8-PeCDF	3	U
	HpCDDs (total)	16	U
	HpCDFs (total)	4	U
	HxCDFs (total)	2	U
	OCDD	63	U
	PeCDDs (total)	2	U
	PeCDFs (total)	2	U

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be with within the laboratory specified control limits and all surrogate compounds must have a recovery between the laboratory specified control limits for VOCs sample analysis. Both organic analyses require that, at a minimum, the surrogate recoveries must be greater than 10% or non-detected sample results must be qualified as unusable (R). Sample data for detected and non-detected compounds with surrogate recoveries that exceeded the surrogate recovery criteria and exhibited recoveries greater than 10% were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	1	R
	Aroclor-1221	1	R
	Aroclor-1232	1	R
	Aroclor-1242	1	R
	Aroclor-1248	1	R
	Aroclor-1254	1	R
	Aroclor-1260	1	R
	Total PCBs	1	R
VOCs	Chlorobenzene	1	J
	Vinyl Chloride	1	J
	Xylenes (total)	1	J
SVOCs	Anthracene	1	J
	Benzo(a)anthracene	1	J
	Benzo(a)pyrene	1	J
	Benzo(b)fluoranthene	1	J
	Benzo(g,h,i)perylene	1	J
	Benzo(k)fluoranthene	1	J
	Chrysene	1	J
	Fluoranthene	1	J
	Indeno(1,2,3-cd)pyrene	1	J
	Phenanthrene	1	J
	Pyrene	1	J
	All other SVOCs	1	R

Cleanup standard percent recovery criteria require that the percent recovery of the standard be between 25% to 150% recovery. At a minimum, the recovery must be greater than 10% or non-detected sample results must be qualified as unusable (R). Sample data for detected and non-detected compounds with surrogate recoveries that exceeded the recovery criteria and exhibited recoveries greater than 10% were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the samples qualified due to those deviations are shown below.

Compounds Qualified Due to Cleanup Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,7,8-HxCDF	2	J
	HxCDFs (total)	1	J

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125% and for organics the MS recoveries must be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Inorganic sample results that exceeded these limits were qualified as estimated (J). MS sample analysis recovery criteria for organics require that the MS be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Organic sample results that exceeded laboratory-generated QC acceptance limits and have MS recoveries less than 10% were qualified as rejected (R). Analytes/compounds that did not meet MS recovery criteria and the samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
Inorganics	Cyanide	12	J
	Sulfide	12	J
	Antimony	12	J
	Arsenic	12	J
	Barium	24	J
	Copper	12	J
	Lead	1	J
	Mercury	6	J
	Nickel	12	J
	Selenium	12	J
	Tin	9	J
	Zinc	8	J
PCBs	Aroclor-1016	2	J
		1	R
	Aroclor-1221	2	J
		1	R
	Aroclor-1232	2	J
		1	R
	Aroclor-1242	2	J
		1	R
	Aroclor-1248	2	J
		1	R
	Aroclor-1254	3	J
	Aroclor-1260	3	J
	Total PCBs	3	J
Herbicides	2,4,5-TP	1	J
VOCs	Chlorobenzene	2	J
	Trichloroethene	1	J
	1,2,4-Trichlorobenzene	3	J
SVOCs	Acenaphthene	1	J
	N-Nitroso-di-n-propylamine	3	J
	Pentachlorophenol	1	J
	1,2,4-Trichlorobenzene	3	J
		1	R
	2,4-Dinitrotoluene	2	J
		1	R
	2-Chlorophenol	1	J
		1	R
	4-Chloro-3-Methylphenol	2	J
		1	R
	4-Nitrophenol	1	R
	Acenaphthene	2	J

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
SVOCs	N-Nitroso-di-n-propylamine	4	J
		2	R
	Pentachlorophenol	2	R
	Phenol	2	J
	Pyrene	2	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	1	J
	1,2,3,4,7,8-HxCDF	1	J
	2,3,4,7,8-PeCDF	1	J
	OCDD	1	J
	OCDD	1	J

MS sample analysis recovery criteria for organics require that the RPD between the MS and matrix spike duplicate (MSD) be less than the laboratory-generated QC acceptance limits specified on the MS reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented below.

Compounds Qualified Due to Matrix Spike RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	3	J
	Aroclor-1221	3	J
	Aroclor-1232	3	J
	Aroclor-1242	3	J
	Aroclor-1248	3	J
	Aroclor-1254	4	J
	Aroclor-1260	4	J
	Total PCBs	4	J
SVOCs	1,2,4-Trichlorobenzene	2	J
	2,4-Dinitrotoluene	2	J
	2-Chlorophenol	2	J
	4-Chloro-3-Methylphenol	3	J
	4-Nitrophenol	3	J
	Acenaphthene	3	J
	N-Nitroso-di-n-propylamine	1	J
	Pentachlorophenol	1	J
	Phenol	3	J
	Pyrene	3	J
PCDDs/PCDFs	2,3,4,6,7,8-HxCDF	1	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL. Sample results for analytes that exceeded these limits were qualified as estimated (J). The compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
Inorganics	Antimony	32	J
	Arsenic	36	J
	Barium	34	J
	Cadmium	7	J
	Chromium	33	J
	Cobalt	12	J
	Copper	18	J
	Lead	39	J
	Mercury	9	J
	Nickel	12	J
	Selenium	12	J
	Tin	24	J
	Vanadium	15	J
	Zinc	56	J
	Cyanide	12	J
	Sulfide	5	J
SVOCs	Benzo(a)anthracene	6	J
	Benzo(a)pyrene	6	J
	Benzo(b)fluoranthene	4	J
	Benzo(g,h,i)perylene	6	J
	Benzo(k)fluoranthene	4	J
	Chrysene	8	J
	Fluoranthene	8	J
	Indeno(1,2,3-cd)pyrene	6	J
	Phenanthrene	4	J
	Pyrene	8	J
PCDDs/PCDFs	1,2,3,6,7,8-HxCDF	2	J
	1,2,3,7,8-PeCDF	2	J
	HpCDDs (total)	2	J
	HpCDFs (total)	4	J
	HxCDDs (total)	4	J
	HxCDFs (total)	6	J
	PeCDDs (total)	2	J
	PeCDFs (total)	2	J
	TCDFs (total)	4	J

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35% for soil samples with analyte concentrations greater than five times the PQL. Detected sample results for analytes that exceeded these limits were qualified as estimated (J). The inorganic analytes that did not meet laboratory duplicate RPD criteria and the samples qualified due to those deviations are presented below.

Analytes Qualified Due to Laboratory Duplicate Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Antimony	12	J
	Barium	27	J
	Beryllium	12	J
	Lead	12	J
	Mercury	5	J
	Nickel	5	J
	Silver	12	J
	Tin	5	J
	Zinc	5	J

Internal standard compounds for VOCs and SVOCs analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 140%. VOCs and SVOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. VOCs and SVOCs sample results for the associated compounds were qualified as rejected (R) when the internal standard recovery was less than 25%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 25%, but greater than 10%. Compounds associated with internal standards which exceeded the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,1,2-Tetrachloroethane	6	J
	1,1,2,2-Tetrachloroethane	9	J
	1,2,3-Trichloropropane	9	J
	1,2-Dibromo-3-chloropropane	9	J
	trans-1,4-Dichloro-2-butene	9	J
	1,1,1,2-Tetrachloroethane	5	J
	1,1,2-Trichloroethane	5	J
	1,2-Dibromoethane	5	J
	2-Hexanone	5	J
	Bromoform	5	J
	Chlorobenzene	5	J
	Dibromochloromethane	4	J
	Ethyl Methacrylate	5	J
	Ethylbenzene	5	J
	Styrene	5	J
	Tetrachloroethene	5	J
	Toluene	5	J
	trans-1,3-Dichloropropene	5	J
	Xylenes (total)	5	J
	1,1,1-Trichloroethane	4	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1-Dichloroethane	4	J
	1,1-Dichloroethene	4	J
	1,2-Dichloroethane	4	J
	1,2-Dichloropropane	4	J
	1,4-Dioxane	4	J
	2-Butanone	4	J
	2-Chloro-1,3-butadiene	4	J
	2-Chloroethylvinylether	4	J
	3-Chloropropene	4	J
	4-Methyl-2-pentanone	4	J
	Acetone	4	J
	Acetonitrile	4	J
	Acrolein	4	J
	Acrylonitrile	4	J
	Benzene	4	J
	Bromodichloromethane	4	J
	Bromomethane	4	J
	Carbon Disulfide	4	J
	Carbon Tetrachloride	4	J
	Chloroethane	4	J
	Chloroform	4	J
	Chloromethane	4	J
	cis-1,3-Dichloropropene	4	J
	Dibromomethane	4	J
	Dichlorodifluoromethane	4	J
	Iodomethane	4	J
	Isobutanol	4	J
	Methacrylonitrile	4	J
	Methyl Methacrylate	4	J
	Methylene Chloride	4	J
	Propionitrile	4	J
	trans-1,2-Dichloroethene	4	J
	Trichloroethene	4	J
	Trichlorofluoromethane	4	J
	Vinyl Acetate	4	J
	Vinyl Chloride	4	J
	All VOCs	1	R
SVOCs	Benzo(a)anthracene	1	J
	Benzo(a)pyrene	1	J
	Chrysene	1	J
	Pyrene	1	J
	Benzo(b)fluoranthene	2	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Benzo(g,h,i)perylene	2	J
	Benzo(k)fluoranthene	2	J
	Dibenzo(a,h)anthracene	2	J
	Indeno(1,2,3-cd)pyrene	2	J

The quantitation criteria require that detected organic sample results be quantitated within the linear range of the five point calibration curve. Detected sample results which are above the linear range of the calibration are required to be re-analyzed at a dilution yielding a sample result within the linear range of the calibration (preferable at the midpoint). Sample data for detected compounds which were not re-analyzed at a dilution within the calibration range were qualified as estimated (J). A summary of the compounds that exceeded quantitation criteria and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Quantitation Criteria

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	2	J
	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,4,7,8-HxCDF	2	J
	1,2,3,6,7,8-HxCDF	2	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,4,6,7,8-HxCDF	1	J
	2,3,4,7,8-PeCDF	1	J
	2,3,7,8-TCDF	2	J
	OCDD	1	J
	OCDF	2	J

Laboratory control sample (LCS) analysis recovery criteria for organics the LCS recoveries must be within the laboratory-generated QC acceptance limits specified on the LCS reporting form. Organic sample results associated with a LCS that exceeded laboratory-generated QC acceptance limits and exhibited a recovery less than 10% were qualified as rejected (R). Compounds that did not meet LCS recovery criteria and the samples qualified due to those deviations are presented below.

Compounds Qualified Due to LCS Recovery Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
Pesticides	Endosulfan I	2	R

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analyses. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and

field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated below.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	99.5	A total of 55 sample results were rejected due to internal standard recovery deviations.
SVOCs	99.5	A total of 9 sample results were rejected due to MS deviations and a total of 104 sample results were rejected due to internal standard recovery deviations.
PCBs	99.7	A total of 5 sample results were rejected due to MS deviations and a total of 8 sample results were rejected due to surrogate recovery calibration deviations.
Pesticides/Herbicides	99.8	A total of 2 sample results were rejected due to LCS deviations.
PCDDs/PCDFs	100	None

The data package completeness as determined from the Tier I data review was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.19% of the data required qualification for laboratory duplicate RPD deviations, 0.10% of the data required qualification MS/MSD RPD deviations, and 0.97% of the data required qualification field duplicate RPD deviations. None of the data required qualification for ICP serial dilution deviations.

5.2Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards,

Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 5.7% of the data required qualification for calibration deviations, 0.30% required qualification for CRDL standard recoveries, 0.68% required qualification for surrogate compound standard recoveries, 0.68% required qualification for internal standard recoveries, 0.01% required qualification for LCS recoveries, and 0.46% required qualification for MS/MSD recoveries.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.5 to 100% for individual analytical parameters and had an overall usability of 99.8%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for 104 SVOCs for sample location RAA12-T9 (3 to 6 feet) due to low surrogate standard recoveries. The MS/MSD analysis was completed on the SVOCs at RAA12-T9 (3 to 6 feet), the surrogate recoveries for the MS/MSD

[1] Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

analyses were also below 10% which demonstrated matrix interference. Re-sampling for SVOCs at these locations is not recommended since subsequent re-analysis of these samples as proven matrix interference has been performed and the same analytical performance limitations for the analysis could occur again.

The rejected sample data for these investigations include sample analyses results for five PCBs for sample location RAA12-B29 (0 to 1 feet), three SVOCs for sample location RAA12-P12 (3 to 6 feet), one SVOC for sample location RAA12-U2 (0 to 1 feet), and five SVOCs for sample location RAA12-G25 (0 to 1 feet) due to low MS or MSD recoveries. Re-sampling at these locations is not recommended since subsequent re-analysis of these samples as proven matrix interference has been performed and the same analytical performance limitations for the analysis could occur again.

The rejected sample data for these investigations include sample analyses results for 41 VOCs for sample location RAA12-L18 (1 to 3 feet) and 14 VOCs for sample location RAA12-T9 (4 to 6 feet) due to low internal standard recoveries. These samples were re-analyzed by the laboratory to demonstrate matrix interference. Re-sampling at these locations is not recommended since subsequent re-analysis of these samples as proven matrix interference has been performed and the same analytical performance limitations for the analysis could occur again.

The rejected sample data for these investigations include sample analyses results for eight PCBs for sample location RAA12-V4 (3 to 6 feet) due to low surrogate standard recoveries.

The rejected sample data for these investigations include sample analyses results for one pesticide for sample locations RAA12-R16 (10 to 15 feet) and RAA12-DUP-5 (10 to 15 feet) due to deviation in LCS recovery.

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
2H0P084	RAA12-DUP-1 (0 - 1)	8/5/2002	Soil	Tier I	No						RAA12-G23
2H0P084	RAA12-G22 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-G23 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H21 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (10 - 15)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (3 - 6)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (6 - 10)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H23 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-I20 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-I21 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-I22 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-J19 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-J21 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RINSE BLANK-080502-1	8/5/2002	Water	Tier I	No						
2H0P115	RAA12-DUP-2 (6 - 10)	8/6/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	83.7%	<50%	2.5 J	RAA12-S15
						Aroclor-1260	Field Duplicate RPD (Soil)	116.8%	<50%	0.84 J	
						Total PCBs	Field Duplicate RPD (Soil)	94.3%	<50%	3.34 J	
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (10 - 15)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (3 - 6)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (1 - 3)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (10 - 15)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (6 - 10)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S15 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S15 (1 - 3)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S15 (10 - 15)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S15 (3 - 6)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S15 (6 - 10)	8/6/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	83.7%	<50%	6.1 J	
						Aroclor-1260	Field Duplicate RPD (Soil)	116.8%	<50%	3.2 J	
						Total PCBs	Field Duplicate RPD (Soil)	94.3%	<50%	9.3 J	
2H0P115	RAA12-S16 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S16 (1 - 3)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S16 (10 - 15)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S16 (3 - 6)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S16 (6 - 10)	8/6/2002	Soil	Tier II	No						
2H0P115	RINSE BLANK-080602-1	8/6/2002	Water	Tier II	No						
2H0P115	RAA12-S18 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P155	RAA12-DUP-4 (1 - 3)	8/7/2002	Soil	Tier I	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	77.6%	<50%	30 J	RAA12-S13
						Total PCBs	Field Duplicate RPD (Soil)	77.6%	<50%	30 J	
2H0P155	RAA12-O22 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-P23 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q20 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q24 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-R21 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-S13 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-S13 (1 - 3)	8/7/2002	Soil	Tier I	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	77.6%	<50%	68 J	
						Total PCBs	Field Duplicate RPD (Soil)	77.6%	<50%	68 J	
2H0P155	RAA12-S13 (10 - 15)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-S13 (3 - 6)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-S13 (6 - 10)	8/7/2002	Soil	Tier I	No						
2H0P155	RINSE BLANK-080702-1	8/7/2002	Water	Tier I	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
2H0P206	RAA12-DUP-6 (0 - 1)	8/8/2002	Soil	Tier I	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	77.6%	<50%	0.078 J	RAA12-G26
						Total PCBs	Field Duplicate RPD (Soil)	77.6%	<50%	0.078 J	
2H0P206	RAA12-F27 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-G26 (0 - 1)	8/8/2002	Soil	Tier I	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	77.6%	<50%	0.27 J	
						Total PCBs	Field Duplicate RPD (Soil)	77.6%	<50%	0.27 J	
2H0P206	RAA12-G28 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-I27 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-I29 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-J29 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-K28 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-K29 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier I	No						
2H0P206	RINSE BLANK-080802-1	8/8/2002	Water	Tier I	No						
2H0P262	RAA12-DUP-8 (6 - 10)	8/9/2002	Soil	Tier I	No						RAA12-F26
2H0P262	RAA12-F26 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-F26 (10 - 12)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-F26 (3 - 6)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-F26 (6 - 10)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (1 - 3)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (10 - 15)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (3 - 6)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (6 - 10)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (1 - 3)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (10 - 12)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (3 - 6)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (6 - 10)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-K25 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-K26 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-L25 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-L27 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-M21 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-M22 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-M23 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-M24 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RINSE BLANK-080902-1	8/9/2002	Water	Tier I	No						
2H0P281	RAA12-J26 (0 - 1)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J26 (1 - 3)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J26 (10 - 15)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J26 (6 - 10)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (0 - 1)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (10 - 15)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (6 - 10)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (10 - 15)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (6 - 10)	8/12/2002	Soil	Tier II	No						
2H0P320	RAA-DUP-9 (3 - 6)	8/13/2002	Soil	Tier I	No						RAA12-L24
2H0P320	RAA12-I25 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-L24 (3 - 6)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-M25 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RINSE BLANK-081302-1	8/13/2002	Soil	Tier II	No						
2H0P338	RAA12-W1 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier I	No						
PCBs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P338	RAA12-X5 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P338	RAA12-Y2 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P338	RAA12-Y3 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P374	RAA12-AA4 (0 - 1)	8/15/2002	Soil	Tier I	No						
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier I	No						
2H0P454	RAA12-DUP-9 (3 - 6)	8/20/2002	Soil	Tier I	No						RAA12-X6
2H0P454	RAA12-X6 (10 - 15)	8/20/2002	Soil	Tier I	No						
2H0P454	RAA12-X6 (3 - 6)	8/20/2002	Soil	Tier I	No						
2H0P454	RAA12-X6 (6 - 10)	8/20/2002	Soil	Tier II	No						
2H0P454	RB-082002-1	8/20/2002	Water	Tier II	No						
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-I26 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-K23 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-K24 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-M27 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-O23 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (3 - 6)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P533	RAA12-DUP-11 (6 - 10)	8/22/2002	Soil	Tier II	No						RAA12-V2
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	No						RAA12-U5
2H0P533	RAA12-U1 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-U4 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-U6 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V1 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (10 - 15)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (3 - 6)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (6 - 10)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V3 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V4 (1 - 3)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V4 (10 - 15)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V4 (3 - 6)	8/22/2002	Soil	Tier II	Yes	Aroclor-1016	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1221	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1232	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1242	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1248	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1254	Surrogate Recovery	7.7%	50% to 150%	R	
						Aroclor-1260	Surrogate Recovery	7.7%	50% to 150%	R	
						Total PCBs	Surrogate Recovery	7.7%	50% to 150%	R	
2H0P533	RAA12-V4 (6 - 10)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-W2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-W4 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (1 - 3)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (10 - 15)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (3 - 6)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (6 - 10)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X3 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X4 (1 - 3)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X4 (10 - 15)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X4 (3 - 6)	8/22/2002	Soil	Tier II	No						
PCBs (continued)											
2H0P533	RAA12-X4 (6 - 10)	8/22/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P533	RB-082202-1	8/22/2002	Water	Tier II	No						
2H0P533	RB-082202-2	8/22/2002	Water	Tier II	No						
2H0P558	RAA12-DUP-13 (10 - 15)	8/23/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	61.8%	<50%	7.2 J	RAA12-V6
						Total PCBs	Field Duplicate RPD (Soil)	61.8%	<50%	7.2 J	
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T8 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T8 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T8 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T8 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T8 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (10 - 15)	8/23/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	61.8%	<50%	3.8 J	
						Total PCBs	Field Duplicate RPD (Soil)	61.8%	<50%	3.8 J	
2H0P558	RAA12-V6 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P558	RB-082302-1	8/23/2002	Water	Tier II	No						
2H0P582	RAA12-DUP-14 (0 - 1)	8/26/2002	Soil	Tier II	No						RAA12-U7
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (1 - 3)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (10 - 15)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (6 - 10)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L30 (10 - 15)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L30 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L30 (6 - 10)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-T5 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-T7 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U7 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-V5 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RB-082602-1	8/26/2002	Water	Tier II	No						
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-C26 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-D27 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-DUP-15 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	79.6%	<50%	5.6 J	RAA12-H33
						Aroclor-1260	Field Duplicate RPD (Soil)	57.1%	<50%	10 J	
						Total PCBs	Field Duplicate RPD (Soil)	66.1%	<50%	15.6 J	
2H0P610	RAA12-E28 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-E30 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-F29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-F31 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-G32 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-H33 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	79.6%	<50%	13 J	
						Aroclor-1260	Field Duplicate RPD (Soil)	57.1%	<50%	18 J	
						Total PCBs	Field Duplicate RPD (Soil)	66.1%	<50%	31 J	
2H0P610	RAA12-I31 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-R7 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-S5 (0 - 1)	8/27/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
2H0P610	RAA12-S6 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RB-082702-1	8/27/2002	Water	Tier II	No						
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (3 - 6)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (6 - 10)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (3 - 6)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (6 - 10)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H34 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H34 (6 - 10)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-I32 (0 - 1)	8/30/2002	Soil	Tier II	No						
2I0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B28 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B28 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B28 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B28 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B28 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-DUP-16 (6 - 10)	9/3/2002	Soil	Tier I	No						RAA12-B26
2I0P033	RAA12-F32 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-F32 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-F32 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-F32 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-ZZ28 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-ZZ28 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-ZZ28 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-ZZ28 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-ZZ28 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RB-090302-1	9/3/2002	Water	Tier I	No						
2I0P074	RAA12-DUP-17 (10 - 15)	9/4/2002	Soil	Tier II	No						RAA12-L20
2I0P074	RAA12-DUP-18 (0 - 1)	9/4/2002	Soil	Tier II	No						RAA12-I24
2I0P074	RAA12-E25 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F23 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (1 - 3)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (10 - 15)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (6 - 10)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-G24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-H24 (10 - 15)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-I24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (1 - 3)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (10 - 15)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (6 - 10)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J23 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-L20 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-L20 (1 - 3)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-L20 (10 - 15)	9/4/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
2I0P074	RAA12-L20 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-L20 (6 - 10)	9/4/2002	Soil	Tier II	No						
2I0P074	RB-090402-1	9/4/2002	Soil	Tier II	No						
2I0P106	RAA12-A26 (0 - 1)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-B25 (0 - 1)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-B29 (0 - 1)	9/5/2002	Soil	Tier II	Yes	Aroclor-1016	MS %R	3.0%	50% to 130%	R	
						Aroclor-1221	MS %R	3.0%	50% to 130%	R	
						Aroclor-1232	MS %R	3.0%	50% to 130%	R	
						Aroclor-1242	MS %R	3.0%	50% to 130%	R	
						Aroclor-1248	MS %R	3.0%	50% to 130%	R	
						Aroclor-1254	MS %R	3.0%	50% to 130%	0.11 J	
						Aroclor-1260	MS %R	3.0%	50% to 130%	0.17 J	
						Total PCBs	MS %R	3.0%	50% to 130%	0.28 J	
						Aroclor-1254	MSD %R	14.0%	50% to 130%	0.11 J	
						Aroclor-1260	MSD %R	14.0%	50% to 130%	0.17 J	
						Total PCBs	MSD %R	14.0%	50% to 130%	0.28 J	
						Aroclor-1254	MS/MSD RPD	309.0%	<40%	0.11 J	
						Aroclor-1260	MS/MSD RPD	309.0%	<40%	0.17 J	
						Total PCBs	MS/MSD RPD	309.0%	<40%	0.28 J	
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (1 - 3)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (10 - 15)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (3 - 6)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (6 - 10)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-DUP-19 (0 - 1)	9/5/2002	Soil	Tier II	No						RAA12-A26
2I0P106	RB-090502-1	9/5/2002	Water	Tier II	No						
2I0P106	RB-090502-2	9/5/2002	Water	Tier II	No						
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-N19 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-N21 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P185	RAA12-DUP-22 (3 - 6)	9/10/2002	Soil	Tier II	No						RAA12-T10
2I0P185	RAA12-S10 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S12 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S8 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T10 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T10 (1 - 3)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T10 (10 - 15)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T10 (3 - 6)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T10 (6 - 10)	9/10/2002	Soil	Tier II	No						
2I0P185	RB-091002-1	9/10/2002	Soil	Tier II	No						
2I0P218	RAA12-K17 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-K18 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-K19 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (1 - 3)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (10 - 15)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (3 - 6)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (6 - 10)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L17 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (10 - 15)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (3 - 6)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (6 - 10)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L19 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M19 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M20 (1 - 3)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M20 (10 - 15)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M20 (3 - 6)	9/11/2002	Soil	Tier II	No						
PCBs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P218	RAA12-M20 (6 - 10)	9/11/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (10 - 15)	9/20/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (3 - 6)	9/20/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (6 - 10)	9/20/2002	Soil	Tier II	No						
2L0P012	RAA12-DUP-22 (0 - 1)	12/2/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	96.3%	<50%	0.10 J	RAA12-Q12
						Total PCBs	Field Duplicate RPD (Soil)	96.3%	<50%	0.10 J	
2L0P012	RAA12-M15 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-M16 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-M17 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-N15 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-Q11 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-Q12 (0 - 1)	12/2/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	96.3%	<50%	ND(0.035) J	
						Total PCBs	Field Duplicate RPD (Soil)	96.3%	<50%	ND(0.035) J	
2L0P012	RAA12-Q7 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-Q8 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-R11 (0 - 1)	12/2/2002	Soil	Tier II	Yes	Aroclor-1016	MSD %R	28.0%	50% to 130%	ND(0.039) J	
						Aroclor-1221	MSD %R	28.0%	50% to 130%	ND(0.039) J	
						Aroclor-1232	MSD %R	28.0%	50% to 130%	ND(0.039) J	
						Aroclor-1242	MSD %R	28.0%	50% to 130%	ND(0.039) J	
						Aroclor-1248	MSD %R	28.0%	50% to 130%	ND(0.039) J	
						Aroclor-1254	MSD %R	28.0%	50% to 130%	0.16 J	
						Aroclor-1260	MSD %R	28.0%	50% to 130%	0.10 J	
						Total PCBs	MSD %R	28.0%	50% to 130%	0.26 J	
						Aroclor-1016	MS/MSD RPD	83.0%	<40%	ND(0.039) J	
						Aroclor-1221	MS/MSD RPD	83.0%	<40%	ND(0.039) J	
						Aroclor-1232	MS/MSD RPD	83.0%	<40%	ND(0.039) J	
						Aroclor-1242	MS/MSD RPD	83.0%	<40%	ND(0.039) J	
						Aroclor-1248	MS/MSD RPD	83.0%	<40%	ND(0.039) J	
						Aroclor-1254	MS/MSD RPD	83.0%	<40%	0.16 J	
						Aroclor-1260	MS/MSD RPD	83.0%	<40%	0.10 J	
						Total PCBs	MS/MSD RPD	83.0%	<40%	0.26 J	
2L0P012	RAA12-R9 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RB-120202-1	12/2/2002	Water	Tier II	No						
2L0P049	RAA12-DUP-23 (6 - 10)	12/3/2002	Soil	Tier II	No						RAA12-O13
2L0P049	RAA12-I13 (0 - 1)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-J15 (0 - 1)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-N18 (0 - 1)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-N18 (1 - 3)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-N18 (10 - 15)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-N18 (3 - 6)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-N18 (6 - 10)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O13 (0 - 1)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O13 (1 - 3)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O13 (10 - 15)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O13 (3 - 6)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O13 (6 - 10)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O14 (0 - 1)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O14 (1 - 3)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O14 (10 - 15)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O14 (3 - 6)	12/3/2002	Soil	Tier II	No						
2L0P049	RAA12-O14 (6 - 10)	12/3/2002	Soil	Tier II	No						
2L0P049	RB-120302-1	12/3/2002	Water	Tier II	No						
2L0P082	RAA12-DUP-24 (10 - 15)	12/4/2002	Soil	Tier II	No						RAA12-O15
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	No						RAA12-M14
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J12 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J12 (10 - 15)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J12 (3 - 6)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J12 (6 - 10)	12/4/2002	Soil	Tier II	No						
PCBs (continued)											
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (10 - 15)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (3 - 6)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (6 - 10)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (10 - 15)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (3 - 6)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (6 - 10)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (10 - 15)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (3 - 6)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (6 - 10)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-O15 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-O15 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-O15 (10 - 15)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-O15 (3 - 6)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-O15 (6 - 10)	12/4/2002	Soil	Tier II	No						
2L0P082	RB-120402-1	12/4/2002	Water	Tier II	No						
2L0P120	RAA12-DUP-26 (10 - 15)	12/5/2002	Soil	Tier II	No						RAA12-P13
2L0P120	RAA12-I14 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O12 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O12 (1 - 3)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O12 (10 - 15)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O12 (3 - 6)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O12 (6 - 10)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-O17 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P13 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P13 (1 - 3)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P13 (10 - 15)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P13 (3 - 6)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P13 (6 - 10)	12/5/2002	Soil	Tier II	Yes	Aroclor-1016	MS %R	29.0%	50% to 130%	ND(0.038) J	
						Aroclor-1221	MS %R	29.0%	50% to 130%	ND(0.038) J	
						Aroclor-1232	MS %R	29.0%	50% to 130%	ND(0.038) J	
						Aroclor-1242	MS %R	29.0%	50% to 130%	ND(0.038) J	
						Aroclor-1248	MS %R	29.0%	50% to 130%	ND(0.038) J	
						Aroclor-1254	MS %R	29.0%	50% to 130%	0.27 J	
						Aroclor-1260	MS %R	29.0%	50% to 130%	0.25 J	
						Total PCBs	MS %R	29.0%	50% to 130%	0.52 J	
						Aroclor-1016	MS/MSD RPD	126.0%	<40%	ND(0.038) J	
						Aroclor-1221	MS/MSD RPD	126.0%	<40%	ND(0.038) J	
						Aroclor-1232	MS/MSD RPD	126.0%	<40%	ND(0.038) J	
						Aroclor-1242	MS/MSD RPD	126.0%	<40%	ND(0.038) J	
						Aroclor-1248	MS/MSD RPD	126.0%	<40%	ND(0.038) J	
						Aroclor-1254	MS/MSD RPD	126.0%	<40%	0.27 J	
						Aroclor-1260	MS/MSD RPD	126.0%	<40%	0.25 J	
						Total PCBs	MS/MSD RPD	126.0%	<40%	0.52 J	
2L0P120	RAA12-P14 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P14 (1 - 3)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P14 (10 - 15)	12/5/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
2L0P120	RAA12-P14 (3 - 6)	12/5/2002	Soil	Tier II	Yes	Aroclor-1016	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1221	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1232	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1242	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1248	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1254	MS %R	11.0%	50% to 130%	ND(0.048) J	
						Aroclor-1260	MS %R	11.0%	50% to 130%	0.028 J	
						Total PCBs	MS %R	11.0%	50% to 130%	0.028 J	
						Aroclor-1016	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1221	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1232	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1242	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1248	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1254	MSD %R	23.0%	50% to 130%	ND(0.048) J	
						Aroclor-1260	MSD %R	23.0%	50% to 130%	0.028 J	
						Total PCBs	MSD %R	23.0%	50% to 130%	0.028 J	
						Aroclor-1016	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1221	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1232	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1242	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1248	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1254	MS/MSD RPD	70.0%	<40%	ND(0.048) J	
						Aroclor-1260	MS/MSD RPD	70.0%	<40%	0.028 J	
						Total PCBs	MS/MSD RPD	70.0%	<40%	0.028 J	
2L0P120	RAA12-P14 (6 - 10)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P15 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P15 (1 - 3)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P15 (10 - 15)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P15 (3 - 6)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-P15 (6 - 10)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (1 - 3)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (10 - 15)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (3 - 6)	12/5/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (6 - 10)	12/5/2002	Soil	Tier II	No						
2L0P120	RB-120502-1	12/5/2002	Water	Tier II	No						
2L0P145	RAA12-J11 (0 - 1)	12/6/2002	Soil	Tier II	No						
2L0P145	RAA12-K14 (0 - 1)	12/6/2002	Soil	Tier II	No						
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier II	No						
2L0P145	RAA12-L15 (0 - 1)	12/6/2002	Soil	Tier II	No						
2L0P182	RAA12-DUP-27 (6 - 10)	12/9/2002	Soil	Tier II	No						RAA12-J18
2L0P182	RAA12-J18 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-J18 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-J18 (10 - 15)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-J18 (3 - 6)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-J18 (6 - 10)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (3 - 6)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (6 - 10)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (10 - 15)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (3 - 6)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (6 - 10)	12/9/2002	Soil	Tier II	No						
2L0P182	RB-120902-1	12/9/2002	Water	Tier II	No						
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	No						RAA12-N16
2L0P212	RAA12-M8 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (3 - 6)	12/10/2002	Soil	Tier II	No						
PCBs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (3 - 6)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (3 - 6)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P212	RB-121002-1	12/10/2002	Soil	Tier II	No						
2L0P248	RAA12-DUP-30 (10 - 15)	12/11/2002	Soil	Tier II	No						RAA12-L12
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	No						RAA12-L10
2L0P248	RAA12-DUP-32 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	137.5%	<50%	1.0 J	RAA12-M10
						Aroclor-1260	Field Duplicate RPD (Soil)	98.2%	<50%	2.8 J	
						Total PCBs	Field Duplicate RPD (Soil)	112.6%	<50%	3.8 J	
2L0P248	RAA12-K11 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (10 - 15)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (6 - 10)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L12 (10 - 15)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L12 (3 - 6)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L12 (6 - 10)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (10 - 15)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (3 - 6)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (6 - 10)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L9 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-M10 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	137.5%	<50%	5.4 J	
						Aroclor-1260	Field Duplicate RPD (Soil)	98.2%	<50%	8.2 J	
						Total PCBs	Field Duplicate RPD (Soil)	112.6%	<50%	13.6 J	
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-M12 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (10 - 15)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (3 - 6)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (6 - 10)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (10 - 15)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (6 - 10)	12/11/2002	Soil	Tier II	No						
2L0P248	RB-121102-1	12/11/2002	Water	Tier II	No						
2L0P248	RB-121102-2	12/11/2002	Water	Tier II	No						
2L0P309	RAA12-M7 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (1 - 3)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (10 - 15)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (3 - 6)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (6 - 10)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	No						
PCBs (continued)											
2L0P309	RAA12-N12 (1 - 3)	12/12/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P309	RAA12-N12 (10 - 15)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (3 - 6)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (6 - 10)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N13 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N9 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-O11 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-O8 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-O9 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RB-121202-1	12/12/2002	Water	Tier II	No						
2L0P331	RAA12-J13 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (1 - 3)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (10 - 15)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (3 - 6)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (6 - 10)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-K10 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-K12 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-K16 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-K9 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-L11 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-L13 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-L7 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-M13 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-M9 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-N11 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-N7 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-P9 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RB-121302-1	12/13/2002	Water	Tier II	No						
2L0P353	RAA12-DUP-33 (3 - 6)	12/16/2002	Soil	Tier II	No						RAA12-R4
2L0P353	RAA12-DUP-34 (0 - 1)	12/16/2002	Soil	Tier II	No						RAA12-O5
2L0P353	RAA12-N4 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-N4 (1 - 3)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-N4 (10 - 15)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-N4 (3 - 6)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-N4 (6 - 10)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-O3 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-O5 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (10 - 15)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (3 - 6)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (6 - 10)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P5 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (1 - 3)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (10 - 15)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (6 - 10)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-R4 (1 - 3)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-R4 (10 - 15)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-R4 (3 - 6)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-R4 (6 - 10)	12/16/2002	Soil	Tier II	No						
2L0P353	RB-121602-1	12/16/2002	Water	Tier II	No						
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-O2 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-O4 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-O6 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-P3 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-Q3 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-Q4 (0 - 1)	12/17/2002	Soil	Tier II	No						
PCBs (continued)											
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-Q6 (0 - 1)	12/17/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P390	RAA12-R3 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-R5 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-S3 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-S4 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-T3 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RB-121702-1	12/17/2002	Water	Tier II	No						
3C0P413	RAA12-C26W	3/18/2003	Soil	Tier I	No						
3C0P413	RAA12-DUP-35	3/18/2003	Soil	Tier I	No						
3C0P459	RAA12-E25N	3/19/2003	Soil	Tier I	No						
3C0P459	RAA12-J19N	3/18/2003	Soil	Tier I	No						
3C0P459	RB-31803-1	3/18/2003	Water	Tier I	No						
Pesticides and Herbicides											
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	No						
2H0P115	RINSE BLANK-080802-1	8/6/2002	Soil	Tier II	No						
2H0P206	RAA12-DUP-5 (10 - 15)	8/8/2002	Soil	Tier II	Yes	Endosulfan I	LCS %R	0.0%	40% to 130%	R	RAA12-R16
2H0P206	RAA12-R16 (10 - 15)	8/8/2002	Soil	Tier II	Yes	Endosulfan I	LCS %R	0.0%	40% to 130%	R	
2H0P281	RAA12-L26 (10 - 15)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier II	No						
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P582	RAA12-V5 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P162	RAA12-DUP-20 (6 - 10)	9/9/2002	Soil	Tier II	No						RAA12-H30
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	2,4,5-TP	MS %R	31.0%	40% to 120%	ND(0.33) J	
						2,4,5-TP	MSD %R	31.0%	40% to 120%	ND(0.33) J	
2I0P162	RAA12-H30 (6 - 10)	9/9/2002	Soil	Tier II	No						
2I0P162	RB-090902-1	9/9/2002	Soil	Tier II	No						
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T11 (6 - 10)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T9 (10 - 15)	9/10/2002	Soil	Tier II	No						
2L0P182	RAA12-DUP-28 (1 - 3)	12/9/2002	Soil	Tier II	No						RAA12-R12
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RB-121002-1	12/10/2002	Soil	Tier II	No						
Metals											
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	131.8%	80% to 120%	ND(1.00) J	
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	131.8%	80% to 120%	ND(1.00) J	
2H0P084	RINSE BLANK-080502-1	8/5/2002	Water	Tier II	No						
2H0P115	RAA12-DUP-3 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	11.0 J	RAA12-S14
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	1.50 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	12.0 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	350 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.70) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	49.0 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	380 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	2.00 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	0.740 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	5.10 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	25.0 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.60) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	5.60 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	65.0 J	
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	3.40 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	0.530 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	4.80 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	11.0 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.60) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	4.20 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	64.0 J	
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	11.0 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	1.10 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	7.30 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	130 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.90) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	15.0 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	200 J	
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	2.30 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	0.540 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	6.20 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	5.90 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.80) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	4.00 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	36.0 J	
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	20.0 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	3.50 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	110 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	1600 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.80) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	170 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	1300 J	
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	Yes	Arsenic	Field Duplicate RPD (Soil)	58.1%	<50%	6.70 J	
						Cadmium	Field Duplicate RPD (Soil)	80.0%	<50%	1.40 J	
						Chromium	Field Duplicate RPD (Soil)	160.7%	<50%	13.0 J	
						Lead	Field Duplicate RPD (Soil)	128.2%	<50%	260 J	
						Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.60) J	
						Tin	Field Duplicate RPD (Soil)	110.5%	<50%	74.0 J	
						Zinc	Field Duplicate RPD (Soil)	109.5%	<50%	350 J	
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.70) J	
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.60) J	
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.70) J	
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.60) J	
2H0P155	RAA12-R21 (3 - 6)	8/7/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	65.7%	80% to 120%	ND(1.80) J	
2H0P206	RAA12-DUP-7 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	69.4%	<50%	33.0 J	RAA12-J27
						Barium	Field Duplicate RPD (Soil)	96.9%	<50%	66.0 J	
						Chromium	Field Duplicate RPD (Soil)	58.1%	<50%	20.0 J	
						Copper	Field Duplicate RPD (Soil)	106.8%	<50%	1700 J	
						Mercury	Laboratory Duplicate RPD (Soil)	90.4%	<35%	0.340 J	
						Nickel	Laboratory Duplicate RPD (Soil)	61.3%	<35%	11.0 J	
						Tin	Field Duplicate RPD (Soil)	157.1%	<50%	120 J	
						Tin	Laboratory Duplicate RPD (Soil)	110.6%	<35%	120 J	
						Zinc	Field Duplicate RPD (Soil)	76.7%	<50%	3700 J	
						Zinc	Laboratory Duplicate RPD (Soil)	60.0%	<35%	3700 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	69.4%	<50%	16.0 J	
						Barium	Field Duplicate RPD (Soil)	96.9%	<50%	190 J	
						Chromium	Field Duplicate RPD (Soil)	58.1%	<50%	11.0 J	
						Copper	Field Duplicate RPD (Soil)	106.8%	<50%	5600 J	
						Mercury	Laboratory Duplicate RPD (Soil)	90.4%	<35%	0.550 J	
						Nickel	Laboratory Duplicate RPD (Soil)	61.3%	<35%	10.0 J	
						Tin	Field Duplicate RPD (Soil)	157.1%	<50%	1000 J	
						Tin	Laboratory Duplicate RPD (Soil)	110.6%	<35%	1000 J	
						Zinc	Field Duplicate RPD (Soil)	76.7%	<50%	8300 J	
						Zinc	Laboratory Duplicate RPD (Soil)	60.0%	<35%	8300 J	
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	69.4%	<50%	8.50 J	
						Barium	Field Duplicate RPD (Soil)	96.9%	<50%	87.0 J	
						Chromium	Field Duplicate RPD (Soil)	58.1%	<50%	30.0 J	
						Copper	Field Duplicate RPD (Soil)	106.8%	<50%	470 J	
						Mercury	Laboratory Duplicate RPD (Soil)	90.4%	<35%	0.500 J	
						Nickel	Laboratory Duplicate RPD (Soil)	61.3%	<35%	18.0 J	
						Tin	Field Duplicate RPD (Soil)	157.1%	<50%	17.0 J	
						Tin	Laboratory Duplicate RPD (Soil)	110.6%	<35%	17.0 J	
						Zinc	Field Duplicate RPD (Soil)	76.7%	<50%	560 J	
						Zinc	Laboratory Duplicate RPD (Soil)	60.0%	<35%	560 J	
2H0P206	RAA12-R16 (10 - 15)	8/8/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	69.4%	<50%	ND(6.00) J	
						Arsenic	CRDL Standard %R	51.8%	80% to 120%	1.10 J	
						Barium	Field Duplicate RPD (Soil)	96.9%	<50%	8.20 J	
						Chromium	Field Duplicate RPD (Soil)	58.1%	<50%	19.0 J	
						Copper	Field Duplicate RPD (Soil)	106.8%	<50%	9.80 J	
						Mercury	Laboratory Duplicate RPD (Soil)	90.4%	<35%	ND(0.120) J	
						Nickel	Laboratory Duplicate RPD (Soil)	61.3%	<35%	8.90 J	
						Tin	Field Duplicate RPD (Soil)	157.1%	<50%	4.90 J	
						Tin	Laboratory Duplicate RPD (Soil)	110.6%	<35%	4.90 J	
						Zinc	Field Duplicate RPD (Soil)	76.7%	<50%	30.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	60.0%	<35%	30.0 J	
2H0P206	RAA12-R16 (3 - 6)	8/8/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	69.4%	<50%	2.60 J	
						Barium	Field Duplicate RPD (Soil)	96.9%	<50%	48.0 J	
						Chromium	Field Duplicate RPD (Soil)	58.1%	<50%	20.0 J	
						Copper	Field Duplicate RPD (Soil)	106.8%	<50%	160 J	
						Mercury	Laboratory Duplicate RPD (Soil)	90.4%	<35%	0.560 J	
						Nickel	Laboratory Duplicate RPD (Soil)	61.3%	<35%	13.0 J	
						Tin	Field Duplicate RPD (Soil)	157.1%	<50%	100 J	
						Tin	Laboratory Duplicate RPD (Soil)	110.6%	<35%	100 J	
						Zinc	Field Duplicate RPD (Soil)	76.7%	<50%	230 J	
						Zinc	Laboratory Duplicate RPD (Soil)	60.0%	<35%	230 J	
2H0P206	RINSE BLANK-080802-1	8/8/2002	Water	Tier II	No						
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier II	Yes	Antimony	CRDL Standard %R	62.7%	80% to 120%	8.20 J	
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier II	Yes	Antimony	CRDL Standard %R	62.7%	80% to 120%	2.80 J	
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier II	Yes	Antimony	CRDL Standard %R	62.7%	80% to 120%	1.00 J	
2H0P262	RAA12-H28 (3 - 6)	8/9/2002	Soil	Tier II	Yes	Antimony	CRDL Standard %R	62.7%	80% to 120%	2.70 J	
2H0P262	RAA12-H28 (6 - 10)	8/9/2002	Soil	Tier II	Yes	Antimony	CRDL Standard %R	62.7%	80% to 120%	2.50 J	
2H0P281	RAA12-J26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (0 - 1)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (1 - 3)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (10 - 15)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	76.5%	80% to 120%	ND(1.00) J	
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier II	No						
2H0P498	RAA12-DUP-10 (1 - 3)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	44.0 J	RAA12-Y4
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	21000 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	38.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	380 J	
						Barium	MS %R	71.9%	75% to 125%	200 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	200 J	
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	Barium	MS %R	71.9%	75% to 125%	68.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	68.0 J	
						Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	1.40 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	100 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	16.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	110 J	
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	ND(6.00) J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	7.10 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	4.80 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	31.0 J	
						Barium	MS %R	71.9%	75% to 125%	20.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	20.0 J	
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	1.60 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	210 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	15.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	150 J	
						Barium	MS %R	71.9%	75% to 125%	67.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	67.0 J	
2H0P498	RAA12-U8 (1 - 3)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	2.40 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	320 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	9.50 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	260 J	
						Barium	MS %R	71.9%	75% to 125%	55.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	55.0 J	
2H0P498	RAA12-U8 (10 - 15)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	ND(6.00) J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	4.50 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	6.60 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	36.0 J	
						Barium	MS %R	71.9%	75% to 125%	14.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	14.0 J	
2H0P498	RAA12-U8 (3 - 6)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	1.60 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	250 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	12.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	220 J	
						Barium	MS %R	71.9%	75% to 125%	65.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	65.0 J	
2H0P498	RAA12-U8 (6 - 10)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	ND(6.00) J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	24.0 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	12.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	50.0 J	
						Barium	MS %R	71.9%	75% to 125%	42.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	42.0 J	
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	1.50 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	180 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	20.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	150 J	
						Barium	MS %R	71.9%	75% to 125%	130 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	130 J	
2H0P498	RAA12-Y4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	2.70 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	560 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	20.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	680 J	
						Barium	MS %R	71.9%	75% to 125%	140 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	140 J	

LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	4.00 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	610 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	20.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	460 J	
						Barium	MS %R	71.9%	75% to 125%	310 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	310 J	
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	4.60 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	440 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	20.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	2100 J	
						Barium	MS %R	71.9%	75% to 125%	440 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	440 J	
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	ND(6.00) J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	4.70 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	7.90 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	35.0 J	
						Barium	MS %R	71.9%	75% to 125%	19.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	19.0 J	
2H0P498	RAA12-Z4 (3 - 6)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	6.60 J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	730 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	19.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	1900 J	
						Barium	MS %R	71.9%	75% to 125%	580 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	580 J	
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	Yes	Antimony	Field Duplicate RPD (Soil)	176.9%	<50%	ND(6.00) J	
						Lead	Field Duplicate RPD (Soil)	189.6%	<50%	6.10 J	
						Vanadium	Field Duplicate RPD (Soil)	62.1%	<50%	10.0 J	
						Zinc	Field Duplicate RPD (Soil)	56.6%	<50%	52.0 J	
						Barium	MS %R	71.9%	75% to 125%	39.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	82.9%	<50%	39.0 J	
2H0P498	RB-082102-1	8/21/2002	Water	Tier II	No						
2H0P533	RAA12-DUP-11 (6 - 10)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	4.50 J	RAA12-V2
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	340 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.510 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	920 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.30) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	4.50 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	12.0 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	39.0 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	9.00 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	180 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	18.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	3.40 J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	1000 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	940 J	
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	1.20 J	RAA12-U5
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	30.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.240 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	58.0 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	1.20 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.70 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	7.90 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	9.80 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	30.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	14.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	5.10 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	51.0 J	

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	ND(6.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	ND(6.00) J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.70 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	43.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.250 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	5.50 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	8.90 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	12.0 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	8.10 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	11.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	0.680 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	37.0 J	
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	ND(6.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	ND(6.00) J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	5.30 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	28.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.360 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	8.60 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	8.40 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	31.0 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	43.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	15.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	0.730 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	5.10 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	46.0 J	
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	ND(6.00) J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	26.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.270 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	24.0 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	ND(6.00) J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.10 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	7.20 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	6.20 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	17.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	13.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	0.500 J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	3.90 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	46.0 J	
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	3.20 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	52.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.240 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	120 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	2.20 J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	3.20 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	6.60 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	10.0 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	6.70 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	50.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	15.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	0.760 J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	8.60 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	96.0 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P533	RAA12-V2 (6 - 10)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	18.0 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	370 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.490 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	1200 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.50) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	18.0 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	39.0 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	65.0 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	62.0 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	330 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	130 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	6.40 J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	2300 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	2400 J	
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	3.60 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	27.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.200 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	69.0 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	3.60 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.80 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	7.50 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	5.00 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	45.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	11.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	7.20 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	83.0 J	
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	ND(6.00) J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	27.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.240 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	31.0 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	ND(6.00) J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.40 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	7.10 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	6.10 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	20.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	11.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	0.480 J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	4.70 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	50.0 J	
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	1.60 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	38.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.240 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	140 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	1.60 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.70 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	9.50 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	9.10 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	43.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	15.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	7.80 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	120 J	

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	1.10 J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	65.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.320 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	54.0 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	1.10 J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	4.10 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	6.00 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	7.70 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	28.0 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	11.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	6.60 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	64.0 J	
2H0P533	RAA12-X2 (10 - 15)	8/22/2002	Soil	Tier II	Yes	Antimony	Laboratory Duplicate RPD (Soil)	85.0%	<35%	ND(6.00) J	
						Barium	Laboratory Duplicate RPD (Soil)	61.8%	<35%	9.80 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	51.8%	<35%	0.150 J	
						Lead	Laboratory Duplicate RPD (Soil)	138.6%	<35%	4.10 J	
						Silver	Laboratory Duplicate RPD (Soil)	141.5%	<35%	ND(1.00) J	
						Antimony	Field Duplicate RPD (Soil)	120.0%	<50%	ND(6.00) J	
						Arsenic	Field Duplicate RPD (Soil)	105.9%	<50%	1.30 J	
						Chromium	Field Duplicate RPD (Soil)	50.0%	<50%	6.50 J	
						Cobalt	Field Duplicate RPD (Soil)	149.3%	<50%	6.50 J	
						Copper	Field Duplicate RPD (Soil)	58.8%	<50%	9.40 J	
						Nickel	Field Duplicate RPD (Soil)	151.4%	<50%	10.0 J	
						Selenium	Field Duplicate RPD (Soil)	61.2%	<50%	ND(1.00) J	
						Tin	Field Duplicate RPD (Soil)	78.8%	<50%	4.50 J	
						Zinc	Field Duplicate RPD (Soil)	87.4%	<50%	32.0 J	
2H0P533	RB-082202-1	8/22/2002	Water	Tier II	No						
2H0P533	RB-082202-2	8/22/2002	Water	Tier II	No						
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P558	RAA12-T4 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (6 - 10)	8/23/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P558	RAA12-V5 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V5 (3 - 6)	8/23/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(12.0)	
2H0P558	RAA12-V6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(13.0)	
2H0P582	RAA12-L28 (6 - 10)	8/26/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P582	RAA12-L30 (3 - 6)	8/26/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P582	RAA12-U3 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(16.0)	
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-S8 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(13.0)	
2H0P705	RAA12-F28 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P705	RAA12-G31 (3 - 6)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P705	RAA12-H32 (0 - 1)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(14.0)	
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(13.0)	
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P705	RAA12-H32 (6 - 10)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2H0P705	RAA12-I32 (3 - 6)	8/30/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
						Zinc	CRDL Standard %R	65.4%	80% to 120%	8.80 J	
2H0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	0.500 J	
						Tin	Method Blank	-	-	ND(10.0)	

LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	0.550 J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P033	RAA12-B26 (6 - 10)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	1.20 J	
2I0P033	RAA12-D28 (10 - 15)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	0.610 J	
2I0P033	RAA12-D28 (3 - 6)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	1.20 J	
2I0P033	RAA12-DUP-16 (6 - 10)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	0.690 J	RAA12-B26
2I0P033	RAA12-F32 (0 - 1)	9/3/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.2%	80% to 120%	0.510 J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P033	RB-090302-1	9/3/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	227.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P074	RAA12-F24 (3 - 6)	9/4/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	227.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P074	RAA12-H24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	227.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	227.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P074	RAA12-J22 (6 - 10)	9/4/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	227.2%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	75.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P106	RAA12-D30 (6 - 10)	9/5/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	75.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.370 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	1.50 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.00) J	
2I0P162	RAA12-H30 (6 - 10)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.170 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	1.40 J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P162	RAA12-J30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.330 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.680 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	0.630 J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.10) J	
2I0P162	RAA12-J31 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.240 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.940 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	0.560 J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.00) J	
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.180 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.500 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P162	RAA12-K20 (1 - 3)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.320 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.590 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.10) J	
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.140 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.380 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P162	RAA12-O24 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.140 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.360 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.00) J	

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2I0P162	RAA12-O24 (3 - 6)	9/9/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	135.3%	80% to 120%	0.180 J	
						Cadmium	CRDL Standard %R	131.4%	80% to 120%	0.100 J	
						Selenium	CRDL Standard %R	54.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	197.6%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P185	RAA12-DUP-21 (10 - 15)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	80% to 120%	0.240 J	RAA12-T9
						Selenium	CRDL Standard %R	127.5%	80% to 120%	3.30 J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.50) J	
						Tin	Method Blank	-	-	ND(11.0)	
						Zinc	CRDL Standard %R	77.1%	80% to 120%	27.0 J	
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	80% to 120%	0.300 J	
						Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(12.0)	
						Zinc	MS %R	159.0%	75% to 125%	270 J	
2I0P185	RAA12-S8 (0 - 1)	9/10/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	MS %R	159.0%	75% to 125%	25.0 J	
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	MS %R	159.0%	75% to 125%	40.0 J	
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	80% to 120%	0.120 J	
						Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.00) J	
						Zinc	MS %R	158.6%	75% to 125%	100 J	
2I0P185	RAA12-T11 (6 - 10)	9/10/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.40) J	
						Tin	Method Blank	-	-	ND(11.0)	
						Zinc	MS %R	159.0%	75% to 125%	47.0 J	
2I0P185	RAA12-T9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	80% to 120%	0.130 J	
						Selenium	CRDL Standard %R	127.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	MS %R	158.6%	75% to 125%	39.0 J	
2I0P185	RAA12-T9 (10 - 15)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	80% to 120%	0.220 J	
						Selenium	CRDL Standard %R	127.5%	80% to 120%	3.20 J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	MS %R	158.6%	75% to 125%	25.0 J	
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	Yes	Mercury	MS %R	132.0%	75% to 125%	0.400 J	
						Selenium	CRDL Standard %R	127.5%	80% to 120%	0.680 J	
						Thallium	CRDL Standard %R	164.9%	80% to 120%	ND(1.20) J	
						Zinc	MS %R	158.6%	75% to 125%	340 J	
2I0P185	RB-091002-1	9/10/2002	Water	Tier II	Yes						
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(14.0)	
2I0P218	RAA12-L16 (3 - 6)	9/11/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.20) J	
2I0P218	RAA12-L18 (6 - 10)	9/11/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	75.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.)	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	75.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RB-120202-1	12/2/2002	Water	Tier II	No						
2L0P049	RAA12-N18 (3 - 6)	12/3/2002	Soil	Tier II	Yes	Chromium	Field Duplicate RPD (Soil)	53.5%	<50%	22.0 J	
						Copper	Field Duplicate RPD (Soil)	80.1%	<50%	160 J	
						Lead	MS %R	36.5%	75% to 125%	840 J	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.30) J	
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	RAA12-M14
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	7.10 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	63.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	6.40 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	120 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	90.0 J	
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	4.10 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	23.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	9.70 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	76.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	45.0 J	
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.00) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	3.40 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	18.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	8.50 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	18.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	26.0 J	
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	4.00 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	54.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	19.0 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	13.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	56.0 J	
2L0P082	RAA12-J14 (6 - 10)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.30) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	3.10 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	30.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	10.0 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	16.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	81.0 J	
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	7.70 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	27.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	14.0 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	76.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	69.0 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	2.50 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	16.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	3.60 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	33.0 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	34.0 J	
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Selenium	CRDL Standard %R	62.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	95.8%	<50%	6.10 J	
						Barium	Field Duplicate RPD (Soil)	119.0%	<50%	52.0 J	
						Chromium	Field Duplicate RPD (Soil)	56.0%	<50%	10.0 J	
						Lead	Field Duplicate RPD (Soil)	113.7%	<50%	120 J	
						Zinc	Field Duplicate RPD (Soil)	90.3%	<50%	160 J	
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
2L0P182	RAA12-R12 (3 - 6)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(11.0)	
2L0P182	RAA12-R12 (6 - 10)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	130.8%	80% to 120%	ND(1.00) J	
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	RAA12-N16
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.20) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	9.00 J	
						Barium	MS %R	68.7%	75% to 125%	150 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	150 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	150 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.430 J	
						Tin	MS %R	73.2%	75% to 125%	5.40 J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	93.0 J	
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.20) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	3.50 J	
						Barium	MS %R	68.7%	75% to 125%	16.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	16.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	6.40 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.730 J	
						Tin	MS %R	73.2%	75% to 125%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	32.0 J	
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.30) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	1.80 J	
						Barium	MS %R	68.7%	75% to 125%	34.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	34.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	4.30 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.0720 J	
						Tin	MS %R	73.2%	75% to 125%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	45.0 J	
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.40) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	2.20 J	
						Barium	MS %R	68.7%	75% to 125%	28.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	28.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	4.80 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.0610 J	
						Tin	MS %R	73.2%	75% to 125%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	160 J	
Metals (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.40) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	5.90 J	
						Barium	MS %R	68.7%	75% to 125%	140 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	140 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	540 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	42.0 J	
						Tin	MS %R	73.2%	75% to 125%	41.0 J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	170 J	
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.10) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	3.10 J	
						Barium	MS %R	68.7%	75% to 125%	56.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	56.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	6.20 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.0660 J	
						Tin	MS %R	73.2%	75% to 125%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	29.0 J	
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	0.100 J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	5.80 J	
						Barium	MS %R	68.7%	75% to 125%	28.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	28.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	79.0 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.620 J	
						Tin	MS %R	73.2%	75% to 125%	4.70 J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	92.0 J	
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	ND(1.20) J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	7.60 J	
						Barium	MS %R	68.7%	75% to 125%	99.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	99.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	680 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	0.520 J	
						Tin	MS %R	73.2%	75% to 125%	62.0 J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	170 J	
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	62.2%	80% to 120%	0.200 J	
						Arsenic	Field Duplicate RPD (Soil)	88.0%	<50%	3.40 J	
						Barium	MS %R	68.7%	75% to 125%	16.0 J	
						Barium	Field Duplicate RPD (Soil)	161.4%	<50%	16.0 J	
						Lead	Field Duplicate RPD (Soil)	183.6%	<50%	5.90 J	
						Mercury	Field Duplicate RPD (Soil)	51.7%	<50%	ND(0.120) J	
						Tin	MS %R	73.2%	75% to 125%	ND(10.0) J	
						Zinc	Field Duplicate RPD (Soil)	97.6%	<50%	38.0 J	
2L0P212	RB-121002-1	12/10/2002	Water	Tier II	Yes						
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	RAA12-L10
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	3.80 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	31.0 J	
						Copper	MS %R	71.3%	75% to 125%	26.0 J	
						Nickel	MS %R	73.5%	75% to 125%	9.40 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	4.80 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	150 J	
						Copper	MS %R	71.3%	75% to 125%	31.0 J	
						Nickel	MS %R	73.5%	75% to 125%	13.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.530)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	3.50 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	46.0 J	
						Copper	MS %R	71.3%	75% to 125%	51.0 J	
						Nickel	MS %R	73.5%	75% to 125%	12.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	3.70 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	28.0 J	
						Copper	MS %R	71.3%	75% to 125%	18.0 J	
						Nickel	MS %R	73.5%	75% to 125%	9.10 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	4.50 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	26.0 J	
						Copper	MS %R	71.3%	75% to 125%	21.0 J	
						Nickel	MS %R	73.5%	75% to 125%	12.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	4.50 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	32.0 J	
						Copper	MS %R	71.3%	75% to 125%	23.0 J	
						Nickel	MS %R	73.5%	75% to 125%	11.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	2.10 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	8.30 J	
						Copper	MS %R	71.3%	75% to 125%	11.0 J	
						Nickel	MS %R	73.5%	75% to 125%	6.60 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	4.30 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	12.0 J	
						Copper	MS %R	71.3%	75% to 125%	19.0 J	
						Nickel	MS %R	73.5%	75% to 125%	11.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	4.80 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	42.0 J	
						Copper	MS %R	71.3%	75% to 125%	45.0 J	
						Nickel	MS %R	73.5%	75% to 125%	11.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-N8 (6 - 10)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	1.60 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	7.70 J	
						Copper	MS %R	71.3%	75% to 125%	10.0 J	
						Nickel	MS %R	73.5%	75% to 125%	8.60 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	5.30 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	14.0 J	
						Copper	MS %R	71.3%	75% to 125%	20.0 J	
						Nickel	MS %R	73.5%	75% to 125%	10.0 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Antimony	MS %R	68.7%	75% to 125%	ND(6.00) J	
						Arsenic	MS %R	73.9%	75% to 125%	0.430 J	
						Barium	Field Duplicate RPD (Soil)	97.6%	<50%	7.10 J	
						Copper	MS %R	71.3%	75% to 125%	5.60 J	
						Nickel	MS %R	73.5%	75% to 125%	9.10 J	
						Selenium	MS %R	69.6%	75% to 125%	ND(1.00) J	
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (10 - 15)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (6 - 10)	12/12/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.20) J	
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.30) J	
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	124.8%	80% to 120%	1.00 J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-P4 (10 - 15)	12/16/2002	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-P4 (6 - 10)	12/16/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	124.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2L0P353	RB-121802-1	12/16/2002	Water	Tier II	No						
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
3C0P590	RAA12-I31	3/25/2003	Soil	Tier II	Yes	Selenium	CRDL Standard %R	135.2%	80% to 120%	0.950 J	
						Thallium	CRDL Standard %R	77.5%	80% to 120%	ND(1.70) J	
3C0P590	RB-032503-2	3/25/2003	Water	Tier II	Yes	Selenium	CRDL Standard %R	135.2%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	77.5%	80% to 120%	ND(0.0100) J	
VOCs											
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0054) J	
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0062) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0062) J	
2H0P084	RINSE BLANK-080502-1	8/5/2002	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	30.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.8%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.020	>0.05	ND(0.010) J	
2H0P084	TRIP BLANK	8/5/2002	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	30.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.8%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.020	>0.05	ND(0.010) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P115	RAA12-DUP-3 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	RAA12-S14
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0057) J	
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0052) J	
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0052) J	
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0063) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0063) J	
2H0P115	RAA12-R18 (8 - 10)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0061) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0061) J	
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0058) J	
2H0P115	RAA12-S14 (4 - 6)	8/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.2%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	32.8%	<25%	ND(0.0054) J	
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.012) J	
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
2H0P155	RAA12-R21 (4 - 6)	8/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.012) J	
2H0P206	RAA12-DUP-7 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	RAA12-J27
						2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	27.6%	<25%	ND(0.0054) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0054) J	
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0053) J	
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0053) J	
2H0P206	RAA12-R16 (12 - 14)	8/8/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0061) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromomethane	CCAL %D	27.6%	<25%	ND(0.0061) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0061) J	
VOCs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P206	RINSE BLANK-080802-1	8/8/2002	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	58.4%	<25%	ND(0.0050) J	
						4-Methyl-2-pentanone	CCAL %D	46.8%	<25%	ND(0.010) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	74.6%	<25%	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	27.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.020	>0.05	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0050) J	
2H0P206	TRIP BLANK	8/8/2002	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	58.4%	<25%	ND(0.0050) J	
						4-Methyl-2-pentanone	CCAL %D	46.8%	<25%	ND(0.010) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	74.6%	<25%	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	27.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.020	>0.05	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0050) J	
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0054) J	
						Carbon Disulfide	CCAL %D	26.8%	<25%	ND(0.0054) J	
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0054) J	
						Carbon Disulfide	CCAL %D	26.8%	<25%	ND(0.0054) J	
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0052) J	
						Carbon Disulfide	CCAL %D	26.8%	<25%	ND(0.0052) J	
2H0P262	RAA12-H28 (4 - 6)	8/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0055) J	
						Carbon Disulfide	CCAL %D	26.8%	<25%	ND(0.0055) J	
2H0P281	RAA12-J26 (4 - 6)	8/12/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	28.4%	<25%	ND(0.0056) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.022) J	
						2-Chloroethylvinylether	CCAL %D	34.0%	<25%	ND(0.0056) J	
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.8%	50% to 200%	ND(0.0059) J	use original
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.8%	50% to 200%	ND(0.0059) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.8%	50% to 200%	ND(0.0059) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	34.0%	<25%	ND(0.0059) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.024) J	
						Bromomethane	CCAL %D	28.4%	<25%	ND(0.0059) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.8%	50% to 200%	ND(0.0059) J	
2H0P281	RAA12-L26 (0 - 1)	8/12/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	28.4%	<25%	ND(0.0051) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.020) J	
						2-Chloroethylvinylether	CCAL %D	34.0%	<25%	ND(0.0051) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P281	RAA12-L26 (1 - 3)	8/12/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0056) J	use reanalysis
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0056) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0056) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0058) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0058) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0056) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.11) J	
						2-Butanone	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.011) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						2-Chloroethylvinylether	CCAL %D	34.0%	<25%	ND(0.0056) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.012) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.012) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.024) J	
						Acetone	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.024) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.12) J	
						Acrolein	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.12) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Benzene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Bromomethane	CCAL %D	28.4%	<25%	ND(0.0059) J	
						Bromomethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Chloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Chloroform	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Chloromethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Iodomethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Isobutanol	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.12) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Propionitrile	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.012) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0059) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	0.0044 J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0059) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	30.0%	50% to 200%	ND(0.0059) J	
2H0P281	RAA12-L26 (4 - 6)	8/12/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	28.4%	<25%	ND(0.0054) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.022) J	
						2-Chloroethylvinylether	CCAL %D	34.0%	<25%	ND(0.0054) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier II	Yes	Chlorobenzene	Surrogate Recovery	146%,136%	70% to 121%,74% to 121%	0.050 J	
						Vinyl Chloride	Surrogate Recovery	146%,136%	70% to 121%,74% to 121%	0.0092 J	
						Xylenes (total)	Surrogate Recovery	146%,136%	70% to 121%,74% to 121%	0.024 J	
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	30.8%	<25%	ND(0.0055) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.011) J	
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	30.8%	<25%	ND(0.0055) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.011) J	
2H0P498	RAA12-DUP-10 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0064) J	RAA12-Y4
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0064) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0064) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0064) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0064) J	
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0052) J	
						Chlorobenzene	MS %R	72.0%	75% to 130%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
						Trichloroethene	MS %R	70.0%	71% to 120%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0052) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0052) J	
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.010) J	
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0053) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0053) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0053) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0053) J	
2H0P498	RAA12-U8 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0052) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0052) J	
2H0P498	RAA12-U8 (10 - 12)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0071) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0071) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0071) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0071) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0071) J	
2H0P498	RAA12-U8 (4 - 6)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0055) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0055) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0055) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0055) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0055) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P498	RAA12-U8 (6 - 8)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0076) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0076) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0076) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0076) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0076) J	
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0060) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0060) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0060) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0060) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0060) J	
2H0P498	RAA12-Y4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.0063) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0063) J	
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0056) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0056) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0056) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0056) J	
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0055) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0055) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0055) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0055) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0055) J	
2H0P498	RAA12-Z4 (10 - 12)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0063) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0063) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0063) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0063) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0063) J	
2H0P498	RAA12-Z4 (3 - 4)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0067) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0067) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0067) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0067) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0067) J	
2H0P498	RAA12-Z4 (8 - 10)	8/21/2002	Soil	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.0%	<25%	ND(0.0070) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0070) J	
						Dichlorodifluoromethane	CCAL %D	28.0%	<25%	ND(0.0070) J	
						Trichlorofluoromethane	CCAL %D	26.4%	<25%	ND(0.0070) J	
						Vinyl Acetate	CCAL %D	35.6%	<25%	ND(0.0070) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P498	RB-082102-1	8/21/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	28.7%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL RRF	0.030	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	25.4%	<25%	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	25.3%	<25%	ND(0.0020) J	
2H0P498	TRIP BLANK	8/21/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	28.7%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.1%	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL RRF	3.0%	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	25.4%	<25%	ND(0.010) J	
						Acetonitrile	ICAL RRF	4.8%	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	1.0%	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	3.0%	>0.05	ND(0.0050) J	
						Isobutanol	ICAL RRF	1.0%	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	1.0%	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	25.3%	<25%	ND(0.0020) J	
2H0P533	RAA12-DUP-11 (8 - 10)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.18) J	RAA12-V2
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.18) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.018) J	
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	RAA12-U5
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.011) J	
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.010) J	
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.011) J	
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0053) J	
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.8%	50% to 200%	ND(0.0090) J	use original
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.8%	50% to 200%	ND(0.0090) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.8%	50% to 200%	ND(0.0090) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.18) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0090) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.18) J	
						Chlorobenzene	MS %R	74.0%	75% to 130%	ND(0.0090) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.8%	50% to 200%	ND(0.0090) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0090) J	
2H0P533	RAA12-V2 (8 - 10)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.010) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.010) J	
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0056) J	
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0052) J	
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0055) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0051) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0051) J	
2H0P533	RAA12-X2 (10 - 12)	8/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0069) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Trichlorofluoromethane	CCAL %D	32.4%	<25%	ND(0.0069) J	
2H0P533	RB-082202-1	8/22/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	28.7%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P533	RB-082202-2	8/22/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	28.7%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.011) J	
2H0P558	RAA12-T4 (4 - 6)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.013) J	
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.011) J	
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0056) J	
2H0P558	RAA12-T6 (6 - 8)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0060) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0060) J	
2H0P558	RAA12-V6 (10 - 12)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Carbon Tetrachloride	CCAL %D	25.2%	<25%	ND(0.0070) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.014) J	
2H0P558	RAA12-V6 (4 - 6)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Carbon Tetrachloride	CCAL %D	25.2%	<25%	ND(0.0061) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.012) J	
2H0P558	RAA12-V6 (8 - 10)	8/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Carbon Tetrachloride	CCAL %D	25.2%	<25%	ND(0.0061) J	
						Propionitrile	CCAL %D	26.8%	<25%	ND(0.012) J	
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0055) J	
2H0P582	RAA12-L30 (4 - 6)	8/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	31.0%	<25%	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0060) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Carbon Tetrachloride	CCAL %D	24.0%	<25%	ND(0.0060) J	
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0052) J	
2H0P582	RAA12-U3 (3 - 4)	8/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0065) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0065) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0052) J	
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0058) J	
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0052) J	
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0052) J	
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0053) J	
2H0P610	RAA12-S6 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0052) J	
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	28.8%	<25%	ND(0.0055) J	
2H0P705	RAA12-F28 (0 - 1)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0056) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0056) J	
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0060) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0060) J	
2H0P705	RAA12-F28 (10 - 12)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0061) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0061) J	
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0056) J	
2H0P705	RAA12-G31 (4 - 6)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0055) J	
2H0P705	RAA12-H32 (0 - 1)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0063) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0063) J	
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0058) J	
2H0P705	RAA12-H32 (10 - 12)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0068) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0068) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P705	RAA12-H32 (8 - 10)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0057) J	
2H0P705	RAA12-I32 (3 - 6)	8/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	26.8%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Trichlorofluoromethane	CCAL %D	36.8%	<25%	ND(0.0058) J	
2I0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0054) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0054) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0054) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.011) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0054) J	
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0055) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0055) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0055) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.011) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0055) J	
2I0P033	RAA12-B26 (6 - 8)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0066) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0066) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0066) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.013) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0066) J	
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.15) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0074) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.15) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.15) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0074) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0074) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.15) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.015) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0074) J	
2I0P033	RAA12-D28 (10 - 12)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0058) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0058) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.012) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0058) J	
2I0P033	RAA12-D28 (3 - 4)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.14) J	
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0072) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0072) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0072) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.014) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0072) J	
VOCs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P033	RAA12-DUP-16 (6 - 8)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.13) J	RAA12-B28
						2-Chloroethylvinylether	CCAL %D	28.0%	<25%	ND(0.0066) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0066) J	
						Bromomethane	CCAL %D	25.6%	<25%	ND(0.0066) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.013) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0066) J	
2I0P033	RAA12-F32 (0 - 1)	9/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.11) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.022) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0056) J	
						Carbon Disulfide	CCAL %D	28.8%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.011) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0056) J	
2I0P033	RB-090302-1	9/3/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	32.1%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	28.6%	<25%	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	29.4%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Isobutanol	CCAL %D	42.8%	<25%	ND(0.10) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.010) J	
						Propionitrile	CCAL %D	33.3%	<25%	ND(0.010) J	
2I0P033	TRIP BLANK	9/3/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	32.1%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	28.6%	<25%	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.030	>0.05	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	29.4%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Isobutanol	CCAL %D	42.8%	<25%	ND(0.10) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.010) J	
						Propionitrile	CCAL %D	33.3%	<25%	ND(0.010) J	
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0061) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.024) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0061) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0061) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0061) J	
2I0P074	RAA12-F24 (4 - 6)	9/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.13) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0065) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.026) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0065) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0065) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0065) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P074	RAA12-H24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0057) J	
						Acetone	CCAL %D	36.8%	<25%	0.012 J J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0057) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0057) J	
2I0P074	RAA12-J22 (3 - 5)	9/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.021) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0052) J	
2I0P074	RAA12-J22 (6 - 8)	9/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.021) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0052) J	
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.022) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0055) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0055) J	
2I0P106	RAA12-D30 (8 - 10)	9/5/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	29.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0057) J	
						Acetone	CCAL %D	36.8%	<25%	ND(0.023) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0057) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0057) J	
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	use original
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0052) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0052) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	24.5%	50% to 200%	ND(0.0052) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	24.5%	50% to 200%	ND(0.0052) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	24.5%	50% to 200%	ND(0.0052) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.10) J	
						2-Butanone	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.010) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						2-Chloroethylvinylether	CCAL %D	27.6%	<25%	ND(0.0052) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.010) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.010) J	
						Acetone	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.021) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
VOCs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	Acrolein	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Benzene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Bromomethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Chloroethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Chloroform	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Chloromethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Iodomethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Isobutanol	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.10) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Propionitrile	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.010) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	24.5%	50% to 200%	ND(0.0052) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	30.1%	50% to 200%	ND(0.0052) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0052) J	
2I0P162	RAA12-H30 (8 - 10)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.6%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0052) J	
2I0P162	RAA12-J30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.8%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	30.4%	<25%	ND(0.0054) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0054) J	
2I0P162	RAA12-J31 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.8%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0053) J	
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	28.8%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0053) J	
2I0P162	RAA12-K20 (1 - 3)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.8%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	30.4%	<25%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0057) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.8%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	30.4%	<25%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0057) J	
2I0P162	RAA12-O24 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.8%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0053) J	
2I0P162	RAA12-O24 (3 - 6)	9/9/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.6%	50% to 200%	ND(0.0062) J	use original
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.6%	50% to 200%	ND(0.0062) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.6%	50% to 200%	ND(0.0062) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	30.8%	<25%	ND(0.0062) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	30.4%	<25%	ND(0.0062) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.6%	50% to 200%	ND(0.0062) J	
						Trichlorofluoromethane	CCAL %D	36.0%	<25%	ND(0.0062) J	
2I0P185	RAA12-DUP-21 (10 - 12)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.15) J	RAA12-T9
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0076) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.15) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.15) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0076) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0076) J	
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	use reanalysis
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0056) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0056) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0056) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0056) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0056) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0056) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0056) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	45.4%	50% to 200%	ND(0.0056) J	
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0052) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0052) J	
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0053) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0053) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P185	RAA12-T11 (7 - 9)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.14) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0073) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0073) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0073) J	
2I0P185	RAA12-T9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0052) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0052) J	
2I0P185	RAA12-T9 (10 - 12)	9/10/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.16) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0079) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.16) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.16) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0079) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0079) J	
2I0P185	RAA12-T9 (4 - 6)	9/10/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	reanalysis not done
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	ms/msd sample
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	26.6%	50% to 200%	ND(0.0060) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0060) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0060) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0060) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	26.6%	50% to 200%	ND(0.0060) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	26.6%	50% to 200%	ND(0.0060) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.12) J	
						2-Butanone	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.012) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						2-Chloroethylvinylether	CCAL %D	27.2%	<25%	ND(0.0060) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						3-Chloropropene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.012) J	
						Acetone	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.12) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.12) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0060) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Benzene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Bromomethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Chloroethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Chloroform	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Chloromethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Iodomethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Isobutanol	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.12) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P185	RAA12-T9 (4 - 6)	9/10/2002	Soil	Tier II	Yes	Methacrylonitrile	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Propionitrile	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.012) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						Toluene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	26.6%	50% to 200%	ND(0.0060) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0060) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	26.4%	50% to 200%	ND(0.0060) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	24.0%	50% to 200%	R	
2I0P185	RB-091002-1	9/10/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.10) J	
						Isobutanol	CCAL %D	36.8%	<25%	ND(0.0050) J	
2I0P185	TRIP BLANK	9/10/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.10) J	
						Isobutanol	CCAL %D	36.8%	<25%	ND(0.0050) J	
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0054) J	use original
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0054) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0054) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0054) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0054) J	
2I0P218	RAA12-L16 (3 - 4)	9/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0058) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0058) J	
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0053) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	23.2%	50% to 200%	R	use original
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	23.2%	50% to 200%	R	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	23.2%	50% to 200%	R	reanalysis:
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	23.2%	50% to 200%	R	Fluoro - 14.5%
						1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	Chloro-d5: 12.1%
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	1,2-Dichloro: 17.0%
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.012) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	28.3%	50% to 200%	ND(0.0061) J	
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						2-Butanone	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						3-Chloropropene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Acetone	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Acetonitrile	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Acrolein	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Acrylonitrile	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Benzene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Bromomethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Chloroethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Chloroform	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Chloromethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Dibromomethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Iodomethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Isobutanol	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Methylene Chloride	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Propionitrile	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Trichloroethene	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	20.3%	50% to 200%	R	
2I0P218	RAA12-L18 (6 - 8)	9/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0075) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0075) J	
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	25.6%	<25%	ND(0.0058) J	
						Trichlorofluoromethane	CCAL %D	26.8%	<25%	ND(0.0058) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0053) J	
						Chloromethane	CCAL %D	29.2%	<25%	ND(0.0053) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0053) J	
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0052) J	
						Chloromethane	CCAL %D	29.2%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0052) J	
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	26.2%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	31.6%	<25%	ND(0.0054) J	
						Dichlorodifluoromethane	CCAL %D	32.4%	<25%	ND(0.0054) J	
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	26.2%	<25%	ND(0.13) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	31.6%	<25%	ND(0.0065) J	
						Dichlorodifluoromethane	CCAL %D	32.4%	<25%	ND(0.0065) J	
2L0P012	RB-120202-1	12/2/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.0050) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	32.2%	<25%	ND(0.010) J	
2L0P012	TRIP BLANK	12/2/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.0050) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	32.2%	<25%	ND(0.010) J	
2L0P049	RAA12-N18 (3 - 5)	12/3/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	33.6%	<25%	ND(0.0065) J	
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	RAA12-M14
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	use reanalysis
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.6%	50% to 200%	ND(0.0056) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	34.5%	50% to 200%	ND(0.0056) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.6%	50% to 200%	ND(0.0056) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.6%	50% to 200%	ND(0.0056) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.11) J	
						2-Butanone	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.011) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.011) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.011) J	
						Acetone	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.022) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Acrylonitrile	CCAL %D	33.6%	<25%	ND(0.0056) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Benzene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Bromomethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Carbon Tetrachloride	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Chloroethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Chloroform	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Chloromethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Iodomethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Isobutanol	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.11) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Propionitrile	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.011) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.6%	50% to 200%	ND(0.0056) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	42.0%	50% to 200%	ND(0.0056) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	36.6%	50% to 200%	ND(0.0056) J	
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0056) J	
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0053) J	
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0058) J	
2L0P082	RAA12-J14 (6 - 8)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0065) J	
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0055) J	
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0054) J	
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	34.0%	<25%	ND(0.0057) J	
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	33.6%	<25%	ND(0.0053) J	
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	27.2%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Methyl Methacrylate	CCAL %D	34.4%	<25%	ND(0.0053) J	
						Propionitrile	CCAL %D	25.6%	<25%	ND(0.011) J	
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	26.8%	<25%	ND(0.0058) J	
						Bromomethane	CCAL %D	31.2%	<25%	ND(0.0058) J	
						Chloromethane	CCAL %D	31.2%	<25%	ND(0.0058) J	
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	37.2%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	32.8%	<25%	ND(0.0057) J	
						Isobutanol	CCAL %D	40.8%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	50.0%	<25%	ND(0.0057) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0057) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2L0P182	RAA12-R12 (12 - 13)	12/9/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	37.2%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	32.8%	<25%	ND(0.0063) J	
						Isobutanol	CCAL %D	40.8%	<25%	ND(0.12) J	
						Methacrylonitrile	CCAL %D	50.0%	<25%	ND(0.0063) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0063) J	
2L0P182	RAA12-R12 (6 - 8)	12/9/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	37.2%	<25%	ND(0.14) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Chloromethane	CCAL %D	32.8%	<25%	ND(0.0069) J	
						Isobutanol	CCAL %D	40.8%	<25%	ND(0.14) J	
						Methacrylonitrile	CCAL %D	50.0%	<25%	ND(0.0069) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0069) J	
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	37.2%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	32.8%	<25%	ND(0.0053) J	
						Isobutanol	CCAL %D	40.8%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	50.0%	<25%	ND(0.0053) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0053) J	
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.12) J	RAA12-N16
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0062) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0062) J	
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0060) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0060) J	
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.14) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0068) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0068) J	
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.14) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.14) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0070) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0070) J	
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0056) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0056) J	
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0056) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0056) J	
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0062) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0062) J	
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	225.6%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	25.6%	<25%	ND(0.0059) J	
						Methacrylonitrile	CCAL %D	125.6%	<25%	ND(0.0059) J	
2L0P212	RB-121002-1	12/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	
2L0P212	TRIP BLANK	12/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	30.0%	<25%	ND(0.11) J	RAA12-L10
						2-Chloroethylvinylether	CCAL %D	37.2%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	53.6%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	37.6%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	25.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	30.0%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	37.2%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	53.6%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	37.6%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	25.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.13) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0063) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0063) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.13) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0063) J	
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0053) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.10) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0053) J	
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0058) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.12) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0058) J	
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0060) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0060) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.12) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0060) J	
2L0P248	RAA12-N8 (5 - 7)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0055) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0055) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	30.0%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	37.2%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	53.6%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	37.6%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	25.6%	<25%	ND(0.0054) J	
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	25.6%	<25%	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	40.8%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	62.4%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	41.6%	<25%	ND(0.0054) J	
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0054) J	
2L0P309	RAA12-N10 (12 - 14)	12/12/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0066) J	
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0057) J	
2L0P309	RAA12-N12 (8 - 10)	12/12/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0069) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Acrylonitrile	CCAL %D	47.2%	<25%	ND(0.0069) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.14) J	
						Methacrylonitrile	CCAL %D	39.2%	<25%	ND(0.0069) J	
						Methyl Methacrylate	CCAL %D	36.8%	<25%	ND(0.0069) J	
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0061) J	
						3-Chloropropene	CCAL %D	37.2%	<25%	ND(0.0061) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0061) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0061) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0061) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0061) J	
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0063) J	
						3-Chloropropene	CCAL %D	37.2%	<25%	ND(0.0063) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0063) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0063) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0063) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0063) J	
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0062) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0062) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0062) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0062) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0062) J	
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0061) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0061) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0061) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0061) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0061) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2L0P353	RAA12-P4 (12 - 14)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0060) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	99.8%	<25%	ND(0.0060) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0060) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0060) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0060) J	
2L0P353	RAA12-P4 (6 - 8)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0052) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0052) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0052) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0052) J	
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0055) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0055) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0055) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0055) J	
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0064) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0064) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0064) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0064) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0064) J	
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	39.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0055) J	
						Carbon Disulfide	CCAL %D	27.2%	<25%	ND(0.0055) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0055) J	
						Methyl Methacrylate	CCAL %D	32.0%	<25%	ND(0.0055) J	
2L0P353	RB-121602-1	12/16/2002	Water	Tier II	Yes	Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						Bromoform	CCAL %D	28.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	39.2%	<25%	ND(0.010) J	
2L0P353	TRIP BLANK	12/16/2002	Water	Tier II	Yes	Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						Bromoform	CCAL %D	28.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	39.2%	<25%	ND(0.010) J	
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	47.2%	<25%	ND(0.0056) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	39.2%	<25%	ND(0.0056) J	
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	47.2%	<25%	ND(0.0054) J	
						Isobutanol	CCAL %D	99.9%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	39.2%	<25%	ND(0.0054) J	
3C0P590	RAA12-I31	3/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND (0.12) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND (0.12) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND (0.12) J	
						Acrolein	ICAL RRF	0.004	>0.05	ND (0.12) J	
						Carbon Disulfide	CCAL %D	33.2%	<25%	ND (0.0058) J	
						Carbon Tetrachloride	CCAL %D	30.8%	<25%	ND (0.0058) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND (0.12) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3C0P590	RB-032503-2	3/25/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND (0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.010	>0.05	ND (0.0050) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND (0.10) J	
						Acrolein	ICAL RRF	0.004	>0.05	ND (0.10) J	
						Carbon Tetrachloride	CCAL %D	26.0%	<25%	ND (0.0050) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND (0.10) J	
						Propionitrile	CCAL %D	42.0%	<25%	ND (0.10) J	
3C0P590	Trip Blank	3/25/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND (0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.010	>0.05	ND (0.0050) J	
						Acetonitrile	ICAL RRF	0.040	>0.05	ND (0.10) J	
						Acrolein	ICAL RRF	0.004	>0.05	ND (0.10) J	
						Carbon Tetrachloride	CCAL %D	26.0%	<25%	ND (0.0050) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND (0.10) J	
						Propionitrile	CCAL %D	42.0%	<25%	ND (0.10) J	
SVOCs											
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.5%	<25%	ND(0.72) J	
						3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.72) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.72) J	
						4-Nitroquinoline-1-oxide	CCAL %D	0.033	>0.05	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Hexachlorophene	CCAL %D	0.012	>0.05	ND(0.72) J	
						Isodrin	CCAL %D	25.8%	<25%	ND(0.36) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(0.72) J	
						Pentachloronitrobenzene	CCAL %D	28.4%	<25%	ND(0.72) J	
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.5%	<25%	ND(0.83) J	
						3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.83) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.83) J	
						4-Nitroquinoline-1-oxide	CCAL %D	0.033	>0.05	ND(0.83) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.83) J	
						Hexachlorophene	CCAL %D	0.012	>0.05	ND(0.83) J	
						Isodrin	CCAL %D	25.8%	<25%	ND(0.41) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(0.83) J	
						Pentachloronitrobenzene	CCAL %D	28.4%	<25%	ND(0.83) J	
2H0P084	RINSE BLANK-080502-1	8/5/2002	Water	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.5%	<25%	ND(0.010) J	
						3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.020) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	3.3%	>0.05	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	3.0%	>0.05	ND(0.010) J	
						Hexachlorophene	CCAL %D	1.2%	>0.05	ND(0.020) J	
						Isodrin	CCAL %D	25.8%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	28.4%	<25%	ND(0.010) J	
2H0P115	RAA12-DUP-3 (0 - 1)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.77) J	RAA12-S14
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.77) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.77) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.77) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.77) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.77) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.77) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.77) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	117.5%	<50%	1.5 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	124.3%	<50%	2.1 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	130.3%	<50%	1.8 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	111.9%	<50%	1.7 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	130.8%	<50%	2.2 J	
						Chrysene	Field Duplicate RPD (Soil)	97.1%	<50%	1.3 J	
						Fluoranthene	Field Duplicate RPD (Soil)	125.2%	<50%	3.0 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	131.2%	<50%	1.3 J	
						Phenanthrene	Field Duplicate RPD (Soil)	123.0%	<50%	1.3 J	
						Pyrene	Field Duplicate RPD (Soil)	129.2%	<50%	3.3 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.70) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.70) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.70) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.70) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.70) J	
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.70) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.70) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.70) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.70) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.70) J	
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.85) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.85) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.85) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.85) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.42) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.85) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.85) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.85) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.85) J	
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.82) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.82) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.41) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.82) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.82) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.82) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.82) J	
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.78) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.78) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.78) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.78) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.78) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.78) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	117.5%	<50%	0.39 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	124.3%	<50%	0.49 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	130.3%	<50%	0.38 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	111.9%	<50%	0.48 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	130.8%	<50%	0.46 J	
						Chrysene	Field Duplicate RPD (Soil)	97.1%	<50%	0.45 J	
						Fluoranthene	Field Duplicate RPD (Soil)	125.2%	<50%	0.69 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	131.2%	<50%	0.27 J	
						Phenanthrene	Field Duplicate RPD (Soil)	123.0%	<50%	0.31 J	
						Pyrene	Field Duplicate RPD (Soil)	129.2%	<50%	0.71 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	Yes	2-Naphthylamine	CCAL %D	32.5%	<25%	ND(0.73) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.73) J	
						4-Chlorobenzilate	CCAL %D	27.2%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Isodrin	CCAL %D	64.6%	<25%	ND(0.36) J	
						Methapyrilene	CCAL %D	34.1%	<25%	ND(0.73) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.5%	<25%	ND(0.73) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.73) J	
						Phenacetin	CCAL %D	34.7%	<25%	ND(0.73) J	
2H0P115	RINSE BLANK-080602-1	8/6/2002	Water	Tier II	Yes	4-Aminobiphenyl	CCAL %D	39.6%	<25%	ND(0.014) J	use original
						4-Nitrophenol	CCAL %D	27.2%	<25%	ND(0.073) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.014) J	
						Aramite	CCAL %D	26.7%	<25%	ND(0.014) J	
						Benzidine	CCAL %D	78.9%	<25%	ND(0.029) J	
						Hexachlorophene	CCAL %D	39.6%	<25%	ND(0.029) J	
						Pentachloronitrobenzene	CCAL %D	31.4%	<25%	ND(0.014) J	
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.78) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.039	>0.05	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Benzidine	ICAL RRF	48.5%	<25%	ND(0.78) J	
						Hexachlorophene	ICAL RRF	47.7%	<25%	ND(0.78) J	
						Pentachloronitrobenzene	CCAL %D	34.0%	<25%	ND(0.78) J	
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.74) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.039	>0.05	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Benzidine	ICAL RRF	48.5%	<25%	ND(0.74) J	
						Hexachlorophene	ICAL RRF	47.7%	<25%	ND(0.74) J	
						Pentachloronitrobenzene	CCAL %D	34.0%	<25%	ND(0.74) J	
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.75) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.039	>0.05	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.75) J	
						Benzidine	ICAL RRF	48.5%	<25%	ND(0.75) J	
						Hexachlorophene	ICAL RRF	47.7%	<25%	ND(0.75) J	
						Pentachloronitrobenzene	CCAL %D	34.0%	<25%	ND(0.75) J	
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.72) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.039	>0.05	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Benzidine	ICAL RRF	48.5%	<25%	ND(0.72) J	
						Hexachlorophene	ICAL RRF	47.7%	<25%	ND(0.72) J	
						Pentachloronitrobenzene	CCAL %D	34.0%	<25%	ND(0.72) J	
2H0P155	RAA12-R21 (3 - 6)	8/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.6%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.039	>0.05	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Benzidine	ICAL RRF	48.5%	<25%	ND(0.82) J	
						Hexachlorophene	ICAL RRF	47.7%	<25%	ND(0.82) J	
						Pentachloronitrobenzene	CCAL %D	34.0%	<25%	ND(0.82) J	
2H0P206	RAA12-DUP-5 (10 - 15)	8/8/2002	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	25.9%	<25%	ND(0.77) J	RAA12-R16
						2,4,6-Trichlorophenol	CCAL %D	25.9%	<25%	ND(0.38) J	
						4-Aminobiphenyl	CCAL %D	32.8%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.1%	<25%	ND(0.77) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.77) J	
						Benzidine	CCAL %D	32.2%	<25%	ND(0.77) J	
2H0P206	RAA12-DUP-7 (0 - 1)	8/8/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.73) J	RAA12-J27
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.73) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.73) J	
						Fluoranthene	Field Duplicate RPD (Soil)	171.4%	<50%	1.3 J	
						Chrysene	Field Duplicate RPD (Soil)	134.8%	<50%	0.77 J	
						Pyrene	Field Duplicate RPD (Soil)	152.9%	<50%	2.4 J	
						Phenanthrene	Field Duplicate RPD (Soil)	174.4%	<50%	1.3 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.71) J	
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.71) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.71) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.71) J	
						Fluoranthene	Field Duplicate RPD (Soil)	171.4%	<50%	0.10 J	
						Chrysene	Field Duplicate RPD (Soil)	134.8%	<50%	0.15 J	
						Pyrene	Field Duplicate RPD (Soil)	152.9%	<50%	0.32 J	
						Phenanthrene	Field Duplicate RPD (Soil)	174.4%	<50%	0.089 J	
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.71) J	
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.71) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.71) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.71) J	
2H0P206	RAA12-R16 (10 - 15)	8/8/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.82) J	
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.82) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.82) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.82) J	
2H0P206	RAA12-R16 (3 - 6)	8/8/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.82) J	
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.82) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.82) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.82) J	
2H0P206	RINSE BLANK-080802-1	8/8/2002	Water	Tier II	Yes	4-Aminobiphenyl	CCAL %D	42.8%	<25%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	35.7%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.8%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	26.1%	<25%	ND(0.010) J	
						p-Dimethylaminoazobenzene	CCAL %D	35.6%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	37.3%	<25%	ND(0.010) J	
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	39.6%	<25%	ND(0.73) J	
						4-Nitroaniline	CCAL %D	27.2%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Aramite	CCAL %D	26.7%	<25%	ND(0.73) J	
						Benzidine	CCAL %D	78.9%	<25%	ND(0.73) J	
						Hexachlorophene	CCAL %D	39.6%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	31.4%	<25%	ND(0.73) J	
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	25.9%	<25%	ND(0.73) J	
						4-Aminobiphenyl	CCAL %D	32.8%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	32.2%	<25%	ND(0.73) J	
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	25.9%	<25%	ND(0.69) J	
						4-Aminobiphenyl	CCAL %D	32.8%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						Benzidine	CCAL %D	32.2%	<25%	ND(0.69) J	
2H0P262	RAA12-H28 (3 - 6)	8/9/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	39.6%	<25%	ND(0.74) J	
						4-Nitroaniline	CCAL %D	27.2%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	26.7%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	78.9%	<25%	ND(0.74) J	
						Hexachlorophene	CCAL %D	39.6%	<25%	ND(0.74) J	
						Pentachloronitrobenzene	CCAL %D	31.4%	<25%	ND(0.74) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P262	RAA12-H28 (6 - 10)	8/9/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	39.6%	<25%	ND(0.78) J	
						4-Nitroaniline	CCAL %D	27.2%	<25%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Aramite	CCAL %D	26.7%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	78.9%	<25%	ND(0.78) J	
						Hexachlorophene	CCAL %D	39.6%	<25%	ND(0.78) J	
						Pentachloronitrobenzene	CCAL %D	31.4%	<25%	ND(0.78) J	
2H0P281	RAA12-J26 (3 - 6)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.73) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.73) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.73) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.36) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.73) J	
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.79) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.79) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.79) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.79) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.79) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.79) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.39) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.79) J	
2H0P281	RAA12-L26 (0 - 1)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.69) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.69) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.69) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.69) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.34) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.69) J	
2H0P281	RAA12-L26 (1 - 3)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.75) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.75) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.75) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.37) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.75) J	
2H0P281	RAA12-L26 (10 - 15)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(8.2) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(8.2) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(8.2) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(8.2) J	
						Aramite	CCAL %D	59.7%	<25%	ND(8.2) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(16) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(8.2) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(8.2) J	
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.80) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.80) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.80) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.80) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.80) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.40) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.80) J	
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.69) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.69) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.69) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.69) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.34) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.69) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.91) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.91) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.91) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.91) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(1.8) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.91) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.91) J	
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.71) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.71) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.71) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.35) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.71) J	
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.70) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.70) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.70) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.34) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.70) J	
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.74) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.74) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.37) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.74) J	
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.7%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.8%	<25%	ND(0.74) J	
						Aramite	CCAL %D	59.7%	<25%	ND(0.74) J	
						Hexachlorophene	CCAL %D	41.5%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	30.7%	<25%	ND(0.37) J	
						N-Nitrosopyrrolidine	CCAL %D	31.2%	<25%	ND(0.74) J	
2H0P498	RAA12-DUP-10 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.43) J	RAA12-Y4
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.86) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.86) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.86) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.86) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.86) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.86) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.43) J	
						Fluoranthene	Field Duplicate RPD (Soil)	75.0%	<50%	0.99 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	68.5%	<50%	0.98 J	
						Chrysene	Field Duplicate RPD (Soil)	71.5%	<50%	1.5 J	
						Pyrene	Field Duplicate RPD (Soil)	66.7%	<50%	1.7 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	74.7%	<50%	1.6 J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	69.2%	<50%	1.4 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	68.2%	<50%	1.2 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	60.4%	<50%	1.1 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	75.0%	<50%	1.1 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	32.0%	38% to 107%	ND(0.35) J	
						1,2,4-Trichlorobenzene	MSD %R	10.0%	40% to 105%	ND(0.35) J	
						1,2,4-Trichlorobenzene	MS/MSD RPD	100.0%	<20%	ND(0.35) J	
						1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.35) J	
						2,4-Dinitrotoluene	MSD %R	0.0%	30% to 85%	R	
						2-Chlorophenol	MSD %R	12.0%	25% to 100%	ND(0.35) J	
						2-Chlorophenol	MS/MSD RPD	88.0%	<20%	ND(0.35) J	
						4-Chloro-3-Methylphenol	MSD %R	0.0%	30% to 100%	R	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.70) J	
						4-Nitrophenol	MSD %R	6.0%	15% to 110%	R	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Acenaphthene	MSD %R	15.0%	35% to 135%	ND(0.35) J	
						Acenaphthene	MS/MSD RPD	93.0%	<20%	ND(0.35) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.70) J	
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	222.6%	50% to 200%	1.7 J	
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	222.6%	50% to 200%	1.2 J	
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	222.6%	50% to 200%	1.1 J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.70) J	
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	222.6%	50% to 200%	0.39 J	
						Indeno(1,2,3-cd)pyrene	Internal Standard Perylene-d12 %R	222.6%	50% to 200%	1.0 J	
						N-Nitroso-di-n-propylamine	MSD %R	7.0%	45% to 125%	R	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.70) J	
						Pentachlorophenol	MSD %R	3.0%	20% to 105%	R	
						Phenol	MSD %R	11.0%	30% to 90%	ND(0.35) J	
						Phenol	MS/MSD RPD	90.0%	<20%	ND(0.35) J	
						Pyrene	MS/MSD RPD	99.0%	<20%	3.3 J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.35) J	
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	50.8%	<25%	ND(0.69) J	reanalysis not done
						3,3'-Dimethylbenzidine	CCAL %D	37.2%	<25%	ND(0.34) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						Aramite	CCAL %D	85.2%	<25%	ND(0.69) J	
						Benzidine	CCAL %D	90.4%	<25%	ND(0.69) J	
						Benzo(a)anthracene	Internal Standard Chrysene-d12 %R	209.5%	50% to 200%	3.8 J	
						Benzo(a)pyrene	Internal Standard Chrysene-d12 %R	209.5%	50% to 200%	2.4 J	
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	317.6%	50% to 200%	2.7 J	
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	317.6%	50% to 200%	2.2 J	
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	317.6%	50% to 200%	2.2 J	
						Benzyl Alcohol	CCAL %D	25.4%	<25%	ND(0.69) J	
						Chrysene	Internal Standard Chrysene-d12 %R	209.5%	50% to 200%	3.4 J	
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	317.6%	50% to 200%	0.93 J	
						Hexachlorophene	CCAL %D	33.9%	<25%	ND(0.69) J	
						Indeno(1,2,3-cd)pyrene	Internal Standard Perylene-d12 %R	317.6%	50% to 200%	1.9 J	
						Isosafrole	CCAL %D	28.7%	<25%	ND(0.69) J	
						N-Nitrosopyrrolidine	CCAL %D	35.9%	<25%	ND(0.69) J	
						Pyrene	Internal Standard Chrysene-d12 %R	209.5%	50% to 200%	5.3 J	
						Thionazin	CCAL %D	49.7%	<25%	ND(0.34) J	
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.36) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.71) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.71) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.71) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.36) J	
2H0P498	RAA12-U8 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.38) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.77) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.70) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.70) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.38) J	
SVOCs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P498	RAA12-U8 (10 - 15)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.62) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.95) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.95) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.95) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(1.2) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.95) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.95) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.62) J	
2H0P498	RAA12-U8 (3 - 6)	8/21/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	50.8%	<25%	ND(0.74) J	
						3,3'-Dimethylbenzidine	CCAL %D	37.2%	<25%	ND(0.37) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	85.2%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	90.4%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	25.4%	<25%	ND(0.74) J	
						Hexachlorophene	CCAL %D	33.9%	<25%	ND(0.74) J	
						Isosafrole	CCAL %D	28.7%	<25%	ND(0.74) J	
						N-Nitrosopyrrolidine	CCAL %D	35.9%	<25%	ND(0.74) J	
						Thionazin	CCAL %D	49.7%	<25%	ND(0.37) J	
2H0P498	RAA12-U8 (6 - 10)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.55) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	43.8%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(1.1) J	
						Diallate	CCAL %D	35.2%	<25%	ND(1.0) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(1.0) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.55) J	
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.40) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.80) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.80) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.80) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.80) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.40) J	
2H0P498	RAA12-Y4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.42) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.85) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.85) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.85) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.85) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.85) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.85) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.42) J	
						Fluoranthene	Field Duplicate RPD (Soil)	75.0%	<50%	0.45 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	68.5%	<50%	0.48 J	
						Chrysene	Field Duplicate RPD (Soil)	71.5%	<50%	0.71 J	
						Pyrene	Field Duplicate RPD (Soil)	66.7%	<50%	0.85 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	74.7%	<50%	0.73 J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	69.2%	<50%	0.68 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	68.2%	<50%	0.59 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	60.4%	<50%	0.59 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	75.0%	<50%	0.50 J	
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.41) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.76) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.83) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.76) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.76) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.41) J	

LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.36) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.74) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.74) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.74) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.36) J	
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	50.8%	<25%	ND(0.84) J	
						3,3'-Dimethylbenzidine	CCAL %D	37.2%	<25%	ND(0.42) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.84) J	
						Aramite	CCAL %D	85.2%	<25%	ND(0.84) J	
						Benzidine	CCAL %D	90.4%	<25%	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	25.4%	<25%	ND(0.84) J	
						Hexachlorophene	CCAL %D	33.9%	<25%	ND(0.84) J	
						Isosafrole	CCAL %D	28.7%	<25%	ND(0.84) J	
						N-Nitrosopyrrolidine	CCAL %D	35.9%	<25%	ND(0.84) J	
						Thionazin	CCAL %D	49.7%	<25%	ND(0.42) J	
2H0P498	RAA12-Z4 (3 - 6)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.45) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.90) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.90) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.90) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.90) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.90) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.90) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.45) J	
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	30.7%	<25%	ND(0.46) J	
						4-Chlorobenzilate	CCAL %D	29.6%	<25%	ND(0.93) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.93) J	
						Aramite	CCAL %D	43.8%	<25%	ND(0.93) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.93) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.93) J	
						N-Nitrosopyrrolidine	CCAL %D	27.2%	<25%	ND(0.93) J	
						Thionazin	CCAL %D	27.5%	<25%	ND(0.46) J	
2H0P498	RB-082102-1	8/21/2002	Water	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	34.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	39.7%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	33.8%	<25%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	54.5%	<25%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Hexachlorophene	CCAL %D	58.4%	<25%	ND(0.020) J	
						o-Toluidine	CCAL %D	32.4%	<25%	ND(0.010) J	
2H0P533	RAA12-DUP-11 (6 - 10)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(1.2) J	RAA12-V2
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.2) J	
						Aramite	CCAL %D	47.3%	<25%	ND(1.2) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(1.2) J	
						Diallate	CCAL %D	28.6%	<25%	ND(1.2) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.60) J	
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.72) J	RAA12-U5
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.72) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.72) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.36) J	
						Fluoranthene	Field Duplicate RPD (Soil)	120.8%	<50%	0.19 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	74.6%	<50%	0.21 J	
						Chrysene	Field Duplicate RPD (Soil)	122.6%	<50%	0.24 J	
						Pyrene	Field Duplicate RPD (Soil)	144.6%	<50%	0.37 J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	125.8%	<50%	0.18 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	82.9%	<50%	0.24 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	83.3%	<50%	0.28 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MSD %R	34.0%	38% to 107%	ND(0.34) J	
						4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.69) J	
						4-Nitrophenol	MS/MSD RPD	51.0%	<50%	ND(1.7) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.69) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.69) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.69) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.34) J	
						N-Nitroso-di-n-propylamine	MS %R	30.0%	41% to 126%	ND(0.34) J	
						N-Nitroso-di-n-propylamine	MSD %R	24.0%	41% to 126%	ND(0.34) J	
						Pentachlorophenol	MS %R	5.0%	17% to 109%	R	
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.72) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.72) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.36) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	125.8%	<50%	0.79 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	82.9%	<50%	0.58 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	83.3%	<50%	0.68 J	
						Chrysene	Field Duplicate RPD (Soil)	122.6%	<50%	1.0 J	
						Fluoranthene	Field Duplicate RPD (Soil)	120.8%	<50%	0.77 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	74.6%	<50%	0.46 J	
						Pyrene	Field Duplicate RPD (Soil)	144.6%	<50%	2.3 J	
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.70) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	18.0%	38% to 107%	ND(0.40) J	
						1,2,4-Trichlorobenzene	MSD %R	18.0%	38% to 107%	ND(0.40) J	
						2,4-Dinitrotoluene	MSD %R	25.0%	28% to 89%	ND(0.40) J	
						4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.81) J	
						4-Chloro-3-Methylphenol	MSD %R	24.0%	26% to 103%	ND(0.40) J	
						4-Chloro-3-Methylphenol	MS/MSD RPD	54.0%	<50%	ND(0.40) J	
						4-Nitrophenol	MS/MSD RPD	76.0%	<50%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.81) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.81) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.81) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.81) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.40) J	
						N-Nitroso-di-n-propylamine	MS %R	20.0%	41% to 126%	ND(0.40) J	
						N-Nitroso-di-n-propylamine	MSD %R	24.0%	41% to 126%	ND(0.40) J	
						Pentachlorophenol	MSD %R	15.0%	17% to 109%	ND(2.0) J	
						Pyrene	MS %R	17.0%	35% to 142%	0.44 J	
						Pyrene	MSD %R	81.0%	<50%	0.44 J	
2H0P533	RAA12-V2 (6 - 10)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(1.4) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.4) J	
						Aramite	CCAL %D	47.3%	<25%	ND(1.4) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(1.4) J	
						Diallate	CCAL %D	28.6%	<25%	ND(1.4) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.68) J	
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.74) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.70) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.74) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.37) J	
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.69) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.69) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.69) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.69) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.34) J	
2H0P533	RAA12-X2 (10 - 15)	8/22/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	56.8%	<25%	ND(0.92) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.92) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.92) J	
						Benzidine	CCAL %D	30.7%	<25%	ND(0.92) J	
						Diallate	CCAL %D	28.6%	<25%	ND(0.92) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.46) J	
2H0P533	RB-082202-1	8/22/2002	Water	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	747.3%	<25%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	447.3%	<25%	ND(0.010) J	
						3,3'-Dimethylbenzidine	CCAL %D	647.3%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	347.3%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	147.3%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	847.3%	<25%	ND(0.020) J	
						Diallate	CCAL %D	247.3%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	547.3%	<25%	ND(0.010) J	
2H0P533	RB-082202-2	8/22/2002	Water	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	747.3%	<25%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	447.3%	<25%	ND(0.010) J	
						3,3'-Dimethylbenzidine	CCAL %D	647.3%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	347.3%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	147.3%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	47.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	847.3%	<25%	ND(0.020) J	
						Diallate	CCAL %D	247.3%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	547.3%	<25%	ND(0.010) J	
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.73) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.36) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.73) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.73) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.73) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.73) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.73) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.36) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P558	RAA12-T4 (3 - 6)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.90) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.45) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.90) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.90) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.90) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.90) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.90) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.90) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.45) J	
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.72) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.36) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.72) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.72) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.72) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.72) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.36) J	
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.74) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.37) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.74) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.74) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.37) J	
2H0P558	RAA12-T6 (6 - 10)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.80) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.40) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.80) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.80) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.80) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.80) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.80) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.40) J	
2H0P558	RAA12-V6 (10 - 15)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.94) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.47) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.94) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.94) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.94) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.94) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.94) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.94) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.47) J	
2H0P558	RAA12-V6 (3 - 6)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(8.2) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(4.1) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(4.1) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(4.1) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(4.1) J	
						Aramite	CCAL %D	84.3%	<25%	ND(4.1) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(8.2) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(4.1) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(4.1) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P558	RAA12-V6 (6 - 10)	8/23/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.82) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.41) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.82) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.82) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.82) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.82) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.41) J	
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.74) J	
2H0P582	RAA12-L28 (6 - 10)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.79) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.40) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.79) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.79) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.79) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.79) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.79) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.79) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.40) J	
2H0P582	RAA12-L30 (3 - 6)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(1.1) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.56) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.80) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.80) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.80) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(1.1) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.80) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.56) J	
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.70) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.35) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.70) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.70) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.70) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.70) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.35) J	
2H0P582	RAA12-U3 (3 - 6)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.1%	<25%	ND(0.87) J	
						4-Bromophenyl-phenylether	CCAL %D	29.7%	<25%	ND(0.43) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.87) J	
						4-Phenylenediamine	CCAL %D	38.0%	<25%	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.0%	<25%	ND(0.87) J	
						Aramite	CCAL %D	84.3%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.87) J	
						Methapyrilene	CCAL %D	40.2%	<25%	ND(0.87) J	
						Methyl Methanesulfonate	CCAL %D	28.2%	<25%	ND(0.43) J	
2H0P582	RAA12-V5 (3 - 6)	8/26/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	81.3%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(1.0) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.51) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(1.0) J	
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.35) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.70) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	81.3%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(2.1) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(1.0) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(1.0) J	
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.35) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.70) J	
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.35) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.70) J	
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(0.71) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	25.7%	<25%	ND(0.71) J	
						Diallate	CCAL %D	36.6%	<25%	ND(0.71) J	
						Fluoranthene	CCAL %D	71.5%	<25%	0.70 J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(0.71) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.35) J	
						Pentachloronitrobenzene	CCAL %D	28.7%	<25%	ND(0.71) J	
2H0P610	RAA12-S6 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.70) J	
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	55.7%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Aramite	CCAL %D	81.3%	<25%	ND(0.73) J	
						Benzidine	CCAL %D	73.3%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	25.8%	<25%	ND(0.36) J	
						Pentachloronitrobenzene	CCAL %D	29.3%	<25%	ND(0.73) J	
2H0P705	RAA12-F28 (0 - 1)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.74) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.37) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.37) J	
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.80) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.40) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.40) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(2.0) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.80) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.80) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.40) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P705	RAA12-F28 (10 - 15)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.82) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.41) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.41) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(2.1) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.82) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.41) J	
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.75) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.48) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.48) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(2.4) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.75) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.75) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.48) J	
2H0P705	RAA12-G31 (3 - 6)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.74) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.37) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.74) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.37) J	
2H0P705	RAA12-H32 (0 - 1)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.96) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.96) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.96) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(4.8) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.96) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.96) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.96) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.96) J	
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(1.0) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(1.0) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(1.0) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(5.1) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	63.0%	<25%	ND(1.0) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(1.0) J	
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.91) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.50) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.50) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(2.5) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.91) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.91) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.50) J	
2H0P705	RAA12-H32 (6 - 10)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.76) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.38) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.38) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.76) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.38) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P705	RAA12-I32 (3 - 6)	8/30/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	38.8%	<25%	ND(0.78) J	
						2-Picoline	CCAL %D	34.2%	<25%	ND(0.39) J	
						3,3'-Dimethylbenzidine	CCAL %D	81.3%	<25%	ND(0.39) J	
						3-Nitroaniline	CCAL %D	28.7%	<25%	ND(2.0) J	
						4-Aminobiphenyl	CCAL %D	35.7%	<25%	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Aramite	CCAL %D	63.0%	<25%	ND(0.78) J	
						Methyl Methanesulfonate	CCAL %D	31.2%	<25%	ND(0.39) J	
2I0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.73) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.36) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(1.8) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.73) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.36) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.73) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.73) J	
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.74) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.74) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.37) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.74) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.74) J	
2I0P033	RAA12-B26 (6 - 10)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.88) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.44) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(2.2) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.88) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.44) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.88) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.88) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.88) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.88) J	
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(1.0) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.50) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(2.5) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(1.0) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.50) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	47.9%	<25%	ND(1.0) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(1.0) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P033	RAA12-D28 (10 - 15)	9/3/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MSD %R	27.0%	38% to 107%	ND(0.38) J	
						1,2,4-Trichlorobenzene	MS/MSD RPD	70.0%	<50%	ND(0.38) J	
						2,4-Dinitrotoluene	MS/MSD RPD	71.0%	<50%	ND(0.38) J	
						2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.77) J	
						2-Chlorophenol	MS/MSD RPD	64.0%	<50%	ND(0.38) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.38) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(2.0) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.77) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.38) J	
						4-Chloro-3-Methylphenol	MS/MSD RPD	67.0%	<50%	ND(0.38) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.77) J	
						4-Nitrophenol	MS/MSD RPD	72.0%	<50%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.77) J	
						Acenaphthene	MS/MSD RPD	80.0%	<50%	ND(0.38) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.77) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.77) J	
						N-Nitroso-di-n-propylamine	MSD %R	24.0%	41% to 126%	ND(0.38) J	
						N-Nitroso-di-n-propylamine	MS/MSD RPD	92.0%	<50%	ND(0.38) J	
						Phenol	MS/MSD RPD	50.0%	<50%	ND(0.38) J	
						Pyrene	MS/MSD RPD	75.0%	<50%	ND(0.38) J	
2I0P033	RAA12-D28 (3 - 6)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.96) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.48) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(2.4) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.96) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.48) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.96) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.96) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.96) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.96) J	
2I0P033	RAA12-DUP-16 (6 - 10)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.89) J	RAA12-B26
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.44) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(2.3) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.89) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.44) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.89) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.89) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.89) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.89) J	
2I0P033	RAA12-F32 (0 - 1)	9/3/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	40.5%	<25%	ND(0.76) J	
						3,3'-Dimethylbenzidine	CCAL %D	67.8%	<25%	ND(0.38) J	
						3-Nitroaniline	CCAL %D	26.2%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	41.9%	<25%	ND(0.76) J	
						4-Bromophenyl-phenylether	CCAL %D	29.4%	<25%	ND(0.38) J	
						4-Chlorobenzilate	CCAL %D	33.0%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.76) J	
						Aramite	CCAL %D	47.9%	<25%	ND(0.76) J	
						Methapyrilene	CCAL %D	38.3%	<25%	ND(0.76) J	
2I0P033	RB-090302-1	9/3/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	41.5%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	37.8%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	25.9%	<25%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	39.8%	<25%	ND(0.010) J	
						3,3'-Dimethylbenzidine	CCAL %D	61.3%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.040	<25%	ND(0.010) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.41) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.82) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.82) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.82) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.41) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.41) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.82) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.41) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.41) J	
2I0P074	RAA12-F24 (3 - 6)	9/4/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.43) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.87) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.87) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.87) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.87) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.87) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.43) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.43) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.87) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.43) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.43) J	
2I0P074	RAA12-H24 (0 - 1)	9/4/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.38) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.76) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.76) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.76) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.38) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.76) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.38) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.38) J	
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.35) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.70) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.70) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.35) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.35) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.70) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.35) J	
2I0P074	RAA12-J22 (6 - 10)	9/4/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.35) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.70) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.70) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.35) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.35) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.70) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.35) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.36) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.74) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.74) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.36) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.36) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.74) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.36) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.36) J	
2I0P106	RAA12-D30 (6 - 10)	9/5/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.8%	<25%	ND(0.38) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.0%	<25%	ND(0.77) J	
						4-Aminobiphenyl	CCAL %D	49.1%	<25%	ND(0.77) J	
						4-Chlorobenzilate	CCAL %D	32.6%	<25%	ND(0.77) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.77) J	
						Aramite	CCAL %D	71.8%	<25%	ND(0.77) J	
						Benzidine	CCAL %D	53.8%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	26.4%	<25%	ND(0.38) J	
						Methyl Methanesulfonate	CCAL %D	25.2%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	35.6%	<25%	ND(0.77) J	
						o-Toluidine	CCAL %D	32.0%	<25%	ND(0.38) J	
						Thionazin	CCAL %D	49.9%	<25%	ND(0.38) J	
2I0P162	RAA12-DUP-20 (6 - 10)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.72) J	RAA12-H30
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.36) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.72) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.36) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.72) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.36) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.36) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.72) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.36) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.36) J	
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.70) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.35) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.70) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.35) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.70) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.35) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.70) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.35) J	
2I0P162	RAA12-H30 (6 - 10)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.70) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.35) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.70) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.35) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.70) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.35) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.70) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.35) J	
SVOCs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P162	RAA12-J30 (0 - 1)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.72) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.36) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.72) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.36) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.72) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.36) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.36) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.72) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.36) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.36) J	
2I0P162	RAA12-J31 (0 - 1)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.71) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.35) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.71) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.35) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.71) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.35) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.71) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.35) J	
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.71) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.35) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.71) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.35) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.71) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.35) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.71) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.35) J	
2I0P162	RAA12-K20 (1 - 3)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.77) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.38) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.77) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.38) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.77) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.77) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.77) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.77) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.38) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.77) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.38) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.38) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.76) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.38) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.76) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.38) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.76) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.76) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.38) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.76) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.38) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.38) J	
2I0P162	RAA12-O24 (0 - 1)	9/9/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(0.71) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	25.7%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	71.5%	<25%	ND(0.71) J	
						Diallate	CCAL %D	36.6%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(0.71) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.35) J	
						Pentachlorobenzene	CCAL %D	28.7%	<25%	ND(0.35) J	
2I0P162	RAA12-O24 (3 - 6)	9/9/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.83) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.41) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.83) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.41) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.83) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.83) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.83) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.83) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.41) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.41) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.83) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.41) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.41) J	
2I0P162	RB-090902-1	9/9/2002	Water	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	40.8%	<25%	ND(0.020) J	
						3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.010) J	
						4-Bromophenyl-phenylether	CCAL %D	29.3%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.020) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	68.1%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.010) J	
2I0P185	RAA12-DUP-21 (10 - 15)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(1.0) J	RAA12-T9
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(1.0) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.51) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(1.0) J	
						Aramite	CCAL %D	71.3%	<25%	ND(1.0) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.51) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(1.0) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.51) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(1.0) J	
						o-Toluidine	CCAL %D	27.8%	<25%	ND(0.51) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.51) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(0.76) J	
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(0.76) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.76) J	
						Aramite	CCAL %D	71.3%	<25%	ND(0.76) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(0.76) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(0.76) J	
						o-Toluidine	CCAL %D	27.8%	<25%	ND(0.38) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.38) J	
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(0.70) J	
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(0.70) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.70) J	
						Aramite	CCAL %D	71.3%	<25%	ND(0.70) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(0.70) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.35) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(0.70) J	
						o-Toluidine	CCAL %D	27.8%	<25%	ND(0.35) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.35) J	
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(0.71) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.71) J	
						Aramite	CCAL %D	25.7%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	71.5%	<25%	ND(0.71) J	
						Diallate	CCAL %D	36.6%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(0.71) J	
						o-Toluidine	CCAL %D	27.0%	<25%	ND(0.35) J	
						Pentachlorobenzene	CCAL %D	28.7%	<25%	ND(0.35) J	
2I0P185	RAA12-T11 (6 - 10)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(0.97) J	
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(0.97) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.48) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.97) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.97) J	
						Aramite	CCAL %D	71.3%	<25%	ND(0.97) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.48) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(0.97) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.48) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(0.97) J	
						o-Toluidine	CCAL %D	27.8%	<25%	ND(0.48) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.48) J	
2I0P185	RAA12-T9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(0.69) J	
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(0.69) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.34) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.69) J	
						Aramite	CCAL %D	71.3%	<25%	ND(0.69) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(0.69) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.34) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(0.69) J	
						o-Toluidine	CCAL %D	27.8%	<25%	ND(0.34) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.34) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RAA12-T9 (10 - 15)	9/10/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	34.6%	<25%	ND(1.0) J	
						4-Aminobiphenyl	CCAL %D	54.7%	<25%	ND(1.0) J	
						4-Bromophenyl-phenylether	CCAL %D	27.3%	<25%	ND(0.53) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(1.0) J	
						Aramite	CCAL %D	71.3%	<25%	ND(1.0) J	
						Hexachlorobenzene	CCAL %D	30.8%	<25%	ND(0.53) J	
						Methapyrilene	CCAL %D	43.1%	<25%	ND(1.0) J	
						Methyl Methanesulfonate	CCAL %D	27.3%	<25%	ND(0.53) J	
						N-Nitrosopyrrolidine	CCAL %D	29.1%	<25%	ND(1.0) J	
						o-Toluidine	CCAL %D	27.6%	<25%	ND(0.53) J	
						Thionazin	CCAL %D	54.3%	<25%	ND(0.53) J	
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2-Nitroaniline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						3-Nitroaniline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Nitroaniline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Nitrophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						Pentachlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1-Naphthylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Naphthylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Nitrophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						7,12-Dimethylbenz(a)anthracen	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Aramite	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Benzidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Benzyl Alcohol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	Yes	Diallate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachlorophene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Isosafrole	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Methapyrilene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Phenacetin	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Chlorophenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Methylphenol	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						2-Picoline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						4-Chloroaniline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Acenaphthene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Acenaphthylene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Acetophenone	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Aniline	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Dibenzofuran	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Diethylphthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Dimethylphthalate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Diphenylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Fluorene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachloroethane	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Hexachloropropene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Isodrin	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Isophorone	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	Yes	N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Naphthalene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Nitrobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						o-Toluidine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Pentachloroethane	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Phenol	Surrogate Recovery Acid	0.0%, 0.0%, 0.0 %	19.0% to 122.0%, 25.0% to 121.0%, 24.0% to 113.0%	R	
						Pronamide	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Pyridine	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Safrole	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Thionazin	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	R	
						Fluoranthene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	1.6 J	
						Pyrene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	1.6 J	
						Chrysene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.97 J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.68 J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.64 J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.64 J	
						Phenanthrene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.59 J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.57 J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.55 J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.33 J	
						Anthracene	Surrogate Recovery Base-neutral	5.1%,0%,14%	30.0% to 115.0%, 23.0% to 120.0%, 18.0% to 137.0%	0.29 J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P185	RB-091002-1	9/10/2002	Water	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	73.5%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	26.2%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	26.8%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	38.4%	<25%	ND(0.020) J	
						Hexachlorobenzene	CCAL %D	28.8%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	60.9%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	29.0%	<25%	ND(0.010) J	
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	34.4%	<25%	ND(1.8) J	
						3,3'-Dichlorobenzidine	CCAL %D	34.4%	<25%	ND(0.72) J	
						3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.36) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	41.1%	<25%	ND(0.36) J	
						4-Aminobiphenyl	CCAL %D	84.3%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Aramite	CCAL %D	41.9%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	75.0%	<25%	ND(0.72) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.36) J	
						Methapyrilene	CCAL %D	95.4%	<25%	ND(0.72) J	
						Thionazin	CCAL %D	34.8%	<25%	ND(0.36) J	
2I0P218	RAA12-L16 (3 - 6)	9/11/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(0.78) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.39) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Aramite	CCAL %D	25.7%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	71.5%	<25%	ND(0.78) J	
						Diallate	CCAL %D	36.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(0.78) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.39) J	
						Pentachlorobenzene	CCAL %D	28.7%	<25%	ND(0.39) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	34.4%	<25%	ND(1.8) J	
						3,3'-Dichlorobenzidine	CCAL %D	34.4%	<25%	ND(0.71) J	
						3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.35) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	41.1%	<25%	ND(0.35) J	
						4-Aminobiphenyl	CCAL %D	84.3%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Aramite	CCAL %D	41.9%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	75.0%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.35) J	
						Methapyrilene	CCAL %D	95.4%	<25%	ND(0.71) J	
						Thionazin	CCAL %D	34.8%	<25%	ND(0.35) J	
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(0.82) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.41) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Aramite	CCAL %D	25.7%	<25%	ND(0.82) J	
						Benzidine	CCAL %D	71.5%	<25%	ND(0.82) J	
						Diallate	CCAL %D	36.6%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.41) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(0.82) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.41) J	
						Pentachlorobenzene	CCAL %D	28.7%	<25%	ND(0.41) J	
2I0P218	RAA12-L18 (6 - 10)	9/11/2002	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	77.9%	<25%	ND(1.0) J	
						4-Bromophenyl-phenylether	CCAL %D	28.3%	<25%	ND(0.50) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.7%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(1.0) J	
						Aramite	CCAL %D	25.7%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	71.5%	<25%	ND(1.0) J	
						Diallate	CCAL %D	36.6%	<25%	ND(1.0) J	
						Hexachloropropene	CCAL %D	36.3%	<25%	ND(0.50) J	
						Methapyrilene	CCAL %D	85.1%	<25%	ND(1.0) J	
						o-Toluidine	CCAL %D	27.5%	<25%	ND(0.50) J	
						Pentachlorobenzene	CCAL %D	28.7%	<25%	ND(0.50) J	
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	34.4%	<25%	ND(2.0) J	
						3,3'-Dichlorobenzidine	CCAL %D	34.4%	<25%	ND(0.78) J	
						3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.39) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	41.1%	<25%	ND(0.39) J	
						4-Aminobiphenyl	CCAL %D	84.3%	<25%	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Aramite	CCAL %D	41.9%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	75.0%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.39) J	
						Methapyrilene	CCAL %D	95.4%	<25%	ND(0.78) J	
						Thionazin	CCAL %D	34.8%	<25%	ND(0.39) J	
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.71) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.71) J	
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.70) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.70) J	
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	43.4%	<25%	ND(0.36) J	
						4-Bromophenyl-phenylether	CCAL %D	26.5%	<25%	ND(0.36) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Aniline	CCAL %D	29.8%	<25%	ND(0.36) J	
						Benzo(a)anthracene	CCAL %D	27.8%	<25%	0.65 J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Methapyrilene	CCAL %D	50.6%	<25%	ND(0.72) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	43.4%	<25%	ND(0.43) J	
						4-Bromophenyl-phenylether	CCAL %D	26.5%	<25%	ND(0.43) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.87) J	
						Aniline	CCAL %D	29.8%	<25%	ND(0.43) J	
						Benzo(a)anthracene	CCAL %D	27.8%	<25%	72 J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.87) J	
						Methapyrilene	CCAL %D	50.6%	<25%	ND(0.87) J	
2L0P012	RB-120202-1	12/2/2002	Water	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	43.4%	<25%	ND(0.010) J	
						4-Bromophenyl-phenylether	CCAL %D	26.5%	<25%	ND(0.010) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.010) J	
						Aniline	CCAL %D	29.8%	<25%	ND(0.010) J	
						Benzo(a)anthracene	CCAL %D	27.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.020) J	
						Methapyrilene	CCAL %D	50.6%	<25%	ND(0.010) J	
2L0P049	RAA12-N18 (3 - 6)	12/3/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	43.4%	<25%	ND(0.43) J	
						4-Bromophenyl-phenylether	CCAL %D	26.5%	<25%	ND(0.43) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.87) J	
						Aniline	CCAL %D	29.8%	<25%	ND(0.43) J	
						Methapyrilene	CCAL %D	50.6%	<25%	ND(0.87) J	
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(6.4) J	RAA12-M14
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(6.4) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(6.4) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(1.3) J	
						Aramite	CCAL %D	82.0%	<25%	ND(1.3) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(2.5) J	
						Diallate	CCAL %D	70.1%	<25%	ND(1.3) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(2.5) J	
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(6.6) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(6.6) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(6.6) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(1.3) J	
						Aramite	CCAL %D	82.0%	<25%	ND(1.3) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(2.6) J	
						Diallate	CCAL %D	70.1%	<25%	ND(1.3) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(2.6) J	
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(1.8) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(1.8) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.70) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(0.70) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.70) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.70) J	
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(2.3) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(2.3) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.3) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.78) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(0.93) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.78) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.93) J	
2L0P082	RAA12-J14 (6 - 10)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(2.2) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(2.2) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.87) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(0.87) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.87) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.87) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(1.9) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(1.9) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.74) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(0.74) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.74) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.74) J	
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(5.4) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(5.4) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(5.4) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(1.1) J	
						Aramite	CCAL %D	82.0%	<25%	ND(1.1) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(2.2) J	
						Diallate	CCAL %D	70.1%	<25%	ND(1.1) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(2.2) J	
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	>0.06	ND(3.8) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(3.8) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(3.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.77) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.77) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(1.5) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.77) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.5) J	
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier II	Yes	4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.1) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.85) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.85) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.71) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.43) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.43) J	
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						2,4-Dinitrophenol	CCAL %D	34.1%	<25%	ND(1.8) J	
						2-Acetylaminofluorene	CCAL %D	32.6%	<25%	ND(0.71) J	
						2-Naphthylamine	CCAL %D	67.0%	<25%	ND(0.71) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.3%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.71) J	
						Aramite	CCAL %D	82.0%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	82.0%	<25%	ND(0.71) J	
						Diallate	CCAL %D	70.1%	<25%	ND(0.71) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.71) J	
						Methapyrilene	CCAL %D	85.6%	<25%	ND(0.71) J	
						Phenacetin	CCAL %D	62.6%	<25%	ND(0.71) J	
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.0) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.78) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.78) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.78) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.39) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.39) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.0) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.77) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.77) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.77) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.77) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.38) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.38) J	
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.1) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.1) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.84) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.84) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.84) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.84) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.42) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.42) J	
2L0P182	RAA12-R12 (6 - 10)	12/9/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.4) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.4) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.93) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.93) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.93) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.93) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.46) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.46) J	
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	51.5%	<25%	ND(0.71) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.71) J	
						N-Nitrosomethylethylamine	CCAL %D	31.1%	<25%	ND(0.71) J	
						Pentachlorobenzene	CCAL %D	26.9%	<25%	ND(0.35) J	
						Pronamide	CCAL %D	29.6%	<25%	ND(0.35) J	
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.1) J	RAA12-N16
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.82) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.82) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.82) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.41) J	
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.0) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.81) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.81) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.81) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.81) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.81) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.40) J	
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.3) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.89) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.89) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.89) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.89) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.89) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.44) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.3) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.91) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.91) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.91) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.91) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.45) J	
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	8.0%	28% to 104%	R	
						2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.4) J	
						2,4-Dinitrotoluene	MSD %R	15.0%	28% to 89%	ND(0.47) J	
						2,4-Dinitrotoluene	MS/MSD RPD	72.0%	<50%	ND(0.47) J	
						2-Chlorophenol	MSD %R	6.0%	25% to 102%	R	
						4-Chloro-3-Methylphenol	MSD %R	11.0%	26% to 103%	ND(0.47) J	
						4-Chloro-3-Methylphenol	MS/MSD RPD	106.0%	<50%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.94) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.94) J	
						Acenaphthene	MS %R	27.0%	31% to 137%	0.21 J	
						Acenaphthene	MSD %R	9.0%	31% to 137%	0.21 J	
						Acenaphthene	MS/MSD RPD	200.0%	<50%	0.21 J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.94) J	
						N-Nitroso-di-n-propylamine	MSD %R	7.0%	41% to 126%	R	
						Pentachlorophenol	MS/MSD RPD	60.0%	<50%	ND(2.4) J	
						Phenol	MSD %R	17.0%	26% to 90%	ND(0.47) J	
						Phenol	MS/MSD RPD	50.0%	<50%	ND(0.47) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.47) J	
						Pyrene	MSD %R	61.0%	35% to 142%	1.6 J	
						Pyrene	MS/MSD RPD	200.0%	<50%	1.6 J	
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.9) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.75) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.75) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.75) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.37) J	
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.9) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.74) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.74) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.74) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.37) J	
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.1) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.84) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.84) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.84) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.84) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.84) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.42) J	
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	52.2%	<30%	ND(2.0) J	
						2-Acetylaminofluorene	CCAL %D	25.4%	<25%	ND(0.79) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.4%	<25%	ND(0.79) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.79) J	
						a,a'-Dimethylphenethylamine	CCAL %D	30.2%	<25%	ND(0.79) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.79) J	
						Pronamide	CCAL %D	27.4%	<25%	ND(0.39) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P212	RB-121002-1	12/10/2002	Water	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	52.2%	<30%	ND(0.050) J	
						3,3'-Dichlorobenzidine	CCAL %D	42.3%	<25%	ND(0.020) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.010) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.010) J	
						4-Phenylenediamine	CCAL %D	33.9%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.020) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.010) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.010) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.010) J	
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(3.4) J	RAA12-L10
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.69) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(3.4) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(1.4) J	
						Chrysene	CCAL %D	42.3%	<25%	0.36 J J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.69) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(1.4) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(1.4) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.69) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.69) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.69) J	
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.3) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.47) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.3) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.94) J	
						Chrysene	CCAL %D	42.3%	<25%	0.21 J J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.94) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.94) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.47) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.47) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.47) J	
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.3) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.46) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.3) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.85) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.93) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.46) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.46) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.93) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.93) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.46) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.46) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.46) J	
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(3.2) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.64) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(3.2) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(1.3) J	
						Chrysene	CCAL %D	42.3%	<25%	0.76 J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.64) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(1.3) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(1.3) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.64) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.64) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.64) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.35) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.70) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.35) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.35) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.70) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.35) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.35) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.35) J	
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.0) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.38) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.78) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.38) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.78) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.38) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.38) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.38) J	
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(4.7) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.93) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(4.7) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.93) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(1.9) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.93) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.93) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(1.9) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(1.9) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.93) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.93) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.93) J	
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(3.6) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.72) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(3.6) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(1.4) J	
						Chrysene	CCAL %D	42.3%	<25%	28 J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.72) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(1.4) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(1.4) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.72) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.72) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.72) J	
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(2.0) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.40) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.80) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.80) J	
						Chrysene	CCAL %D	42.3%	<25%	0.50 J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.40) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.80) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.80) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.40) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.40) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.40) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P248	RAA12-N8 (6 - 10)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.36) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.73) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.36) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.36) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.36) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.36) J	
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.36) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.73) J	
						Chrysene	CCAL %D	42.3%	<25%	14 J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.73) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.36) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.36) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.36) J	
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	52.2%	<30%	ND(1.8) J	
						4-Bromophenyl-phenylether	CCAL %D	32.4%	<25%	ND(0.36) J	
						4-Nitrophenol	ICAL RRF	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	37.9%	<25%	ND(0.72) J	
						Chrysene	CCAL %D	42.3%	<25%	ND(0.36) J	
						Hexachloroethane	CCAL %D	26.4%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.72) J	
						Hexachlorophene	CCAL %D	27.8%	<25%	ND(0.72) J	
						Hexachloropropene	CCAL %D	25.4%	<25%	ND(0.36) J	
						N-Nitrosodiethylamine	CCAL %D	29.9%	<25%	ND(0.36) J	
						Safrole	CCAL %D	34.5%	<25%	ND(0.36) J	
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	40.5%	<25%	ND(0.36) J	
						4-Aminobiphenyl	CCAL %D	33.4%	<25%	ND(0.72) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Aramite	CCAL %D	32.4%	<25%	ND(0.72) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.72) J	
						N-Nitrosopyrrolidine	CCAL %D	29.6%	<25%	ND(0.72) J	
2L0P309	RAA12-N10 (10 - 15)	12/12/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	40.5%	<25%	ND(0.44) J	
						4-Aminobiphenyl	CCAL %D	33.4%	<25%	ND(0.89) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.89) J	
						Aramite	CCAL %D	32.4%	<25%	ND(0.89) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.89) J	
						N-Nitrosopyrrolidine	CCAL %D	29.6%	<25%	ND(0.89) J	
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	40.5%	<25%	ND(0.38) J	
						4-Aminobiphenyl	CCAL %D	33.4%	<25%	ND(0.76) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.76) J	
						Aramite	CCAL %D	32.4%	<25%	ND(0.76) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.76) J	
						N-Nitrosopyrrolidine	CCAL %D	29.6%	<25%	ND(0.76) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P309	RAA12-N12 (6 - 10)	12/12/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	40.5%	<25%	ND(0.46) J	
						4-Aminobiphenyl	CCAL %D	33.4%	<25%	ND(0.93) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.4) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.93) J	
						Aramite	CCAL %D	32.4%	<25%	ND(0.93) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.93) J	
						N-Nitrosopyrrolidine	CCAL %D	29.6%	<25%	ND(0.93) J	
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.41) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.1) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.82) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.82) J	
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.42) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.1) J	
						4-Nitrophenol	ICAL %RSD	34.3%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.85) J	
						4-Phenylenediamine	ICAL RRF	0.020	>0.05	ND(0.85) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.85) J	
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(2.1) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.41) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.83) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.41) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.83) J	
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(2.1) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.41) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.82) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.41) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.82) J	
2L0P353	RAA12-P4 (10 - 15)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(2.0) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.40) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.81) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.40) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.81) J	
2L0P353	RAA12-P4 (6 - 10)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(1.8) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.35) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(1.8) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.70) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.35) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.70) J	
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(1.9) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.74) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.74) J	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(2.2) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.43) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(2.2) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.86) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.43) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.86) J	
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(1.9) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.74) J	
						Hexachlorocyclopentadiene	ICAL RRF	0.030	>0.05	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.74) J	
2L0P353	RB-121602-1	12/16/2002	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	27.3%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(0.050) J	
						4-Phenylenediamine	CCAL %D	28.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	38.3%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.020) J	
						Pentachloronitrobenzene	CCAL %D	30.5%	<25%	ND(0.010) J	
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(1.9) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.37) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(1.9) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.75) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.75) J	
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	38.6%	<30%	ND(1.8) J	
						2,6-Dinitrotoluene	CCAL %D	45.4%	<25%	ND(0.36) J	
						2-Nitroaniline	CCAL %D	36.7%	<25%	ND(1.8) J	
						3-Nitroaniline	CCAL %D	33.4%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	31.6%	<25%	ND(0.73) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(0.36) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.73) J	
3C0P590	RAA12-I31	3/25/2003	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	26.7%	<25%	ND (2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND (0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	54.3%	<25%	ND (0.78) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	35.9%	<25%	ND (0.39) J	
						Diallate	CCAL %D	42.3%	<25%	ND (0.78) J	
						Hexachlorocyclopentadiene	CCAL %D	53.8%	<25%	ND (0.39) J	
						Hexachlorophene	CCAL %D	51.9%	<25%	ND (0.78) J	
						N-Nitroso-di-n-propylamine	MS %R	38.0%	41.0% to 126.0%	ND (0.39) J	
						N-Nitroso-di-n-propylamine	MSD %R	36.0%	41.0% to 126.0%	ND (0.39) J	
3C0P590	RB-032503-2	3/25/2003	Water	Tier II	Yes	2-Nitroaniline	CCAL %D	26.7%	<25%	ND (0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND (0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	54.3%	<25%	ND (0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	35.9%	<25%	ND (0.010) J	
						Diallate	CCAL %D	42.3%	<25%	ND (0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	53.8%	<25%	ND (0.010) J	
						Hexachlorophene	CCAL %D	51.9%	<25%	ND (0.020) J	
PCDDs/PCDFs											
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000032)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000018)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000018)	
						OCDD	Method Blank	-	-	ND(0.0000037)	
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000017)	
2H0P115	RAA12-DUP-3 (0 - 1)	8/6/2002	Soil	Tier II	No						RAA12-S14
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000042)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000021)	
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000049)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000051)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000013)	
PCDDs/PCDFs (continued)											

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000042)	
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	No						
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	MS %R	0.0%	70% to 130%	0.0020 J	
						1,2,3,4,6,7,8-HpCDF	MSD %R	0.0%	70% to 130%	0.0020 J	
						1,2,3,4,7,8-HxCDF	MS %R	62.2%	70% to 130%	0.00099 J	
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier II	No						
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier II	No						
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier II	Yes	1,2,3,7,8-PeCDD	CCAL %D	31.5%	<30%	ND(0.0000028) J	
						PeCDDs (total)	CCAL %D	31.5%	<30%	ND(0.000004B) J	
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier II	No						
2H0P155	RAA12-R21 (3 - 6)	8/7/2002	Soil	Tier II	No						
2H0P206	RAA12-DUP-7 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	52.1%	<50%	0.000046 J	RAA12-J27
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	52.1%	<50%	0.000027 J	
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.020 EI	-	0.020 EIJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.023 EI	-	0.023 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.012 EI	-	0.012 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.016 YE	-	0.016 YEJ	
						OCDF	Exceeds CAL Range	0.024 E	-	0.024 EJ	
2H0P206	RAA12-R16 (10 - 15)	8/8/2002	Soil	Tier II	No						
2H0P206	RAA12-R16 (3 - 6)	8/8/2002	Soil	Tier II	No						
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier II	No						
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier II	No						
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier II	No						
2H0P262	RAA12-H28 (3 - 6)	8/9/2002	Soil	Tier II	No						
2H0P262	RAA12-H28 (6 - 10)	8/9/2002	Soil	Tier II	No						
2H0P281	RAA12-J26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Cleanup Standard %R	159.0%	25% to 150%	0.00000080 J	
2H0P281	RAA12-L26 (0 - 1)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (1 - 3)	8/12/2002	Soil	Tier II	No						
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.067 EI	-	0.067 EIJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	0.026 EI	-	0.026 EIJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.092 EI	-	0.092 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.041 EI	-	0.041 EIJ	
						1,2,3,7,8,9-HxCDF	Exceeds CAL Range	0.011 EQ	-	0.011 EQJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	0.012 E	-	0.012 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	0.024 E	-	0.024 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.025 EI	-	0.025 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.018 YEQ	-	0.018 YEQJ	
						OCDF	Exceeds CAL Range	0.052 E	-	0.052 EJ	
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier II	No						
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier I	No						
2H0P498	RAA12-DUP-10 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	0.520547945	<50%	0.000046 J	RAA12-Y4
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	Yes	2,3,4,6,7,8-HxCDF	MS/MSD RPD	33.8%	<20%	0.000073 J	
						2,3,4,7,8-PeCDF	MS %R	61.7%	70% to 130%	0.000066 J	
						2,3,4,7,8-PeCDF	MSD %R	51.2%	70% to 130%	0.000066 J	
						OCDD	MS %R	53.4%	70% to 130%	0.00051 J	
						OCDD	MSD %R	56.4%	70% to 130%	0.00051 J	
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (10 - 15)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (3 - 6)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (1 - 3)	8/21/2002	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	0.520547945	<50%	0.000027 J	
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	No						
PCDDs/PCDFs (continued)											
2H0P498	RAA12-Z4 (3 - 6)	8/21/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P498	Rinse Blank	8/21/2002	Soil	Tier II	No						
2H0P533	RAA12-DUP-11 (6 - 10)	8/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000018)	RAA12-V2
						TCDFs (total)	Field Duplicate RPD (Soil)	51.4%	<50%	0.000052 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	73.2%	<50%	0.0000065 J	
						HpCDDs (total)	Field Duplicate RPD (Soil)	64.5%	<50%	0.0000082 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	62.5%	<50%	0.000011 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	66.7%	<50%	0.000016 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	98.2%	<50%	0.0000058 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.00003 J	
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000028)	RAA12-U5
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000052)	
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-V2 (6 - 10)	8/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000025)	
						TCDFs (total)	Field Duplicate RPD (Soil)	51.4%	<50%	0.000088 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	73.2%	<50%	0.000014 J	
						HpCDDs (total)	Field Duplicate RPD (Soil)	64.5%	<50%	0.000016 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	62.5%	<50%	0.000021 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	66.7%	<50%	0.000032 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	98.2%	<50%	0.000017 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.000065 J	
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000058)	
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	No						
2H0P533	RAA12-X2 (10 - 15)	8/22/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (3 - 6)	8/23/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000083)	
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000031)	
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000017)	
2H0P558	RAA12-T6 (6 - 10)	8/23/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000068)	
2H0P558	RAA12-V6 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (6 - 10)	8/26/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000049)	
2H0P582	RAA12-L30 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U3 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-S6 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier I	No						
2H0P705	RAA12-F28 (0 - 1)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.00099 J	
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.00017 J	
2H0P705	RAA12-F28 (10 - 15)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.00080 J	
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.0078 EJ	
						OCDD	Exceeds CAL Range	-	-	0.0078 EJ	
2H0P705	RAA12-G31 (3 - 6)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.0022 J	
2H0P705	RAA12-H32 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	ND(0.0000065) J	
						OCDD	Method Blank	-	-	ND(0.0000065)	
2H0P705	RAA12-H32 (6 - 10)	8/30/2002	Soil	Tier II	Yes	OCDD	CCAL %D	33.5%	<30%	0.000055 J	
2H0P705	RAA12-I32 (3 - 6)	8/30/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000049)	
2I0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier II	No						
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000032)	
PCDDs/PCDFs (continued)											
2I0P033	RAA12-B26 (6 - 10)	9/3/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000013)	
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier II	No						

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P033	RAA12-D28 (10 - 15)	9/3/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000021)	
2I0P033	RAA12-D28 (3 - 6)	9/3/2002	Soil	Tier II	No						
2I0P033	RAA12-DUP-16 (6 - 10)	9/3/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000013)	RAA12-B26
2I0P033	RAA12-F32 (0 - 1)	9/3/2002	Soil	Tier II	No						
2I0P033	Rinse Blank	9/3/2002	Soil	Tier II	No						RAA12-B26
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (3 - 6)	9/4/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000090)	
2I0P074	RAA12-H24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000021)	
2I0P074	RAA12-J22 (6 - 10)	9/4/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000016)	
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (6 - 10)	9/5/2002	Soil	Tier II	No						
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-H30 (6 - 10)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-J30 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-J31 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K20 (1 - 3)	9/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000020)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000032)	
						OCDD	Method Blank	-	-	ND(0.0000011)	
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-O24 (0 - 1)	9/9/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Cleanup Standard %R	184.0%	25% to 150%	0.00045 J	
						HxCDFs (total)	Cleanup Standard %R	184.0%	25% to 150%	0.0020 J	
2I0P162	RAA12-O24 (3 - 6)	9/9/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000059)	
2I0P185	RAA12-DUP-21 (10 - 15)	9/10/2002	Soil	Tier II	Yes	HxCDFs (total)	Field Duplicate RPD (Soil)	67.6%	<50%	0.00019 J	RAA12-T9
						TCDFs (total)	Field Duplicate RPD (Soil)	80.0%	<50%	0.00014 J	
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000018)	
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T11 (6 - 10)	9/10/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000028)	
2I0P185	RAA12-T9 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T9 (10 - 15)	9/10/2002	Soil	Tier II	Yes	HxCDFs (total)	Field Duplicate RPD (Soil)	67.6%	<50%	0.000094 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	80.0%	<50%	0.00006 J	
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000019)	
2I0P218	RAA12-L16 (3 - 6)	9/11/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000025)	
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (6 - 10)	9/11/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000032)	
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000047)	
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000055)	
						OCDD	Method Blank	-	-	ND(0.0000021)	
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier II	No						
2L0P012	Rinse Blank	12/2/2002	Water	Tier II	No						
2L0P049	RAA12-N18 (3 - 6)	12/3/2002	Soil	Tier II	No						
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000066)	RAA12-M14
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000028)	
						OCDD	Method Blank	-	-	ND(0.0000036)	
						HpCDFs (total)	Field Duplicate RPD (Soil)	67.7%	<50%	0.0000089 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	106.4%	<50%	0.0000036 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	56.6%	<50%	0.000019 J	
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000053)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000033)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000017)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000068)	
						OCDD	Method Blank	-	-	ND(0.000041)	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000045)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000026)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000045)	
						OCDD	Method Blank	-	-	ND(0.000019)	
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000026)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000012)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.0000019)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000041)	
						OCDD	Method Blank	-	-	ND(0.000010)	
2L0P082	RAA12-J14 (6 - 10)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000026)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000026)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000032)	
						OCDD	Method Blank	-	-	ND(0.0000037)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000030)	
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000068)	
						OCDD	Method Blank	-	-	ND(0.000038)	
						HpCDFs (total)	Field Duplicate RPD (Soil)	67.7%	<50%	0.000018 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	106.4%	<50%	0.0000011 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	56.6%	<50%	0.000034 J	
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000046)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000032)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000019)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.0000014)	
						OCDD	Method Blank	-	-	ND(0.000030)	
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.000016)	
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000012)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000012)	
						OCDD	Method Blank	-	-	ND(0.0000051)	
2L0P182	RAA12-R12 (6 - 10)	12/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000062)	
						HpCDDs (total)	Method Blank	-	-	ND(0.000012)	
						OCDD	Method Blank	-	-	ND(0.000024)	
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000051)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000013)	
						OCDD	Method Blank	-	-	ND(0.000032)	
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	Yes	HpCDDs (total)	Method Blank	-	-	ND(0.0000020)	RAA12-N16
						OCDD	Method Blank	-	-	ND(0.000015)	
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000016)	
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000054)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000054)	
						OCDD	Method Blank	-	-	ND(0.0000026)	
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000027)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000052)	
						OCDD	Method Blank	-	-	ND(0.000011)	
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000026)	
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000013)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000026)	
						OCDD	Method Blank	-	-	ND(0.0000088)	
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000036)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000067)	
						OCDD	Method Blank	-	-	ND(0.000014)	
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000047)	
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	Yes	HpCDDs (total)	Method Blank	-	-	ND(0.00000019)	
						OCDD	Method Blank	-	-	ND(0.0000019)	
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	No						RAA12-L10
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000039)	
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	No						
PCDDs/PCDFs (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-N8 (6 - 10)	12/11/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000050)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000050)	
						OCDD	Method Blank	-	-	ND(0.0000022)	
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	No						
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000039)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000039)	
						OCDD	Method Blank	-	-	ND(0.0000014)	
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000023)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000023)	
						OCDD	Method Blank	-	-	ND(0.0000012)	
2L0P309	RAA12-N10 (10 - 15)	12/12/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000027)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000027)	
						OCDD	Method Blank	-	-	ND(0.0000010)	
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (6 - 10)	12/12/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier I	No						
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier I	No						
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000079)	
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000069)	
2L0P353	RAA12-P4 (10 - 15)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000018)	
2L0P353	RAA12-P4 (6 - 10)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000016)	
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000029)	
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000023)	
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000014)	
2L0P353	RB-121602-1	12/16/2002	Water	Tier II	No						
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000013)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000059)	
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.00000038)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000045)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000041)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000013)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000097)	
						HxCDFs (total)	Method Blank	-	-	ND(0.0000017)	
						OCDD	Method Blank	-	-	ND(0.0000078)	
						PeCDFs (total)	Method Blank	-	-	ND(0.0000011)	
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000036)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.0000053)	
						OCDD	Method Blank	-	-	ND(0.000060)	

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Sulfide and Cyanide											
2H0P084	RAA12-H22 (0 - 1)	8/5/2002	Soil	Tier I	No						
2H0P084	RAA12-H22 (1 - 3)	8/5/2002	Soil	Tier I	No						
2H0P115	RAA12-DUP-3 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	0.150 J	RAA12-S14
2H0P115	RAA12-R17 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	ND(0.100) J	
2H0P115	RAA12-R18 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	ND(0.100) J	
2H0P115	RAA12-R18 (1 - 3)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	0.230 J	
2H0P115	RAA12-R18 (6 - 10)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	ND(0.120) J	
2H0P115	RAA12-S14 (0 - 1)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	0.160 J	
2H0P115	RAA12-S14 (3 - 6)	8/6/2002	Soil	Tier II	Yes	Cyanide	MS %R	36.0%	75% to 125%	0.150 J	
2H0P155	RAA12-P21 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q21 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-Q22 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-R19 (0 - 1)	8/7/2002	Soil	Tier I	No						
2H0P155	RAA12-R21 (3 - 6)	8/7/2002	Soil	Tier I	No						
2H0P206	RAA12-DUP-7 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Sulfide	MS %R	72.0%	75% to 125%	10.0 J	RAA12-J27
						Sulfide	Field Duplicate RPD (Soil)	124.5%	<50%	10.0 J	
2H0P206	RAA12-J27 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Sulfide	MS %R	72.0%	75% to 125%	43.0 J	
						Sulfide	Field Duplicate RPD (Soil)	124.5%	<50%	43.0 J	
2H0P206	RAA12-M26 (0 - 1)	8/8/2002	Soil	Tier II	Yes	Sulfide	MS %R	72.0%	75% to 125%	25.0 J	
						Sulfide	Field Duplicate RPD (Soil)	124.5%	<50%	25.0 J	
2H0P206	RAA12-R16 (10 - 15)	8/8/2002	Soil	Tier II	Yes	Sulfide	MS %R	72.0%	75% to 125%	31.0 J	
						Sulfide	Field Duplicate RPD (Soil)	124.5%	<50%	31.0 J	
2H0P206	RAA12-R16 (3 - 6)	8/8/2002	Soil	Tier I	Yes	Sulfide	MS %R	72.0%	75% to 125%	78.0 J	
						Sulfide	Field Duplicate RPD (Soil)	124.5%	<50%	78.0 J	
2H0P262	RAA12-F26 (1 - 3)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-G27 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H26 (0 - 1)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (3 - 6)	8/9/2002	Soil	Tier I	No						
2H0P262	RAA12-H28 (6 - 10)	8/9/2002	Soil	Tier I	No						
2H0P281	RAA12-J26 (3 - 6)	8/12/2002	Soil	Tier I	No						
2H0P281	RAA12-J28 (1 - 3)	8/12/2002	Soil	Tier I	No						
2H0P281	RAA12-L26 (0 - 1)	8/12/2002	Soil	Tier I	No						
2H0P281	RAA12-L26 (1 - 3)	8/12/2002	Soil	Tier I	No						
2H0P281	RAA12-L26 (10 - 15)	8/12/2002	Soil	Tier I	No						
2H0P281	RAA12-L26 (3 - 6)	8/12/2002	Soil	Tier I	No						
2H0P320	RAA12-L24 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-L24 (6 - 8)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-N23 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P320	RAA12-N25 (0 - 1)	8/13/2002	Soil	Tier I	No						
2H0P338	RAA12-W6 (0 - 1)	8/14/2002	Soil	Tier I	No						
2H0P374	RAA12-Z3 (0 - 1)	8/15/2002	Soil	Tier I	No						
2H0P498	RAA12-DUP-10 (1 - 3)	8/21/2002	Soil	Tier II	No						RAA12-Y4
2H0P498	RAA12-G25 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-J25 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (10 - 15)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (3 - 6)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-U8 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Y4 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (0 - 1)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (1 - 3)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (10 - 15)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (3 - 6)	8/21/2002	Soil	Tier II	No						
2H0P498	RAA12-Z4 (6 - 10)	8/21/2002	Soil	Tier II	No						
2H0P533	RAA12-DUP-11 (6 - 10)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	0.220 J	RAA12-V2
2H0P533	RAA12-DUP-12 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.110) J	RAA12-U5
2H0P533	RAA12-U2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.100) J	
2H0P533	RAA12-U5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.110) J	
2H0P533	RAA12-V2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.100) J	
2H0P533	RAA12-V2 (1 - 3)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	0.150 J	
2H0P533	RAA12-V2 (6 - 10)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	0.480 J	
Sulfide and Cyanide (continued)											

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2H0P533	RAA12-V4 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.220) J	
2H0P533	RAA12-W3 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.100) J	
2H0P533	RAA12-W5 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.220) J	
2H0P533	RAA12-X2 (0 - 1)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.100) J	
2H0P533	RAA12-X2 (10 - 15)	8/22/2002	Soil	Tier II	Yes	Cyanide	Field Duplicate RPD (Soil)	74.3%	<50%	ND(0.140) J	
2H0P558	RAA12-T4 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T4 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (0 - 1)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (1 - 3)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-T6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (10 - 15)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (3 - 6)	8/23/2002	Soil	Tier II	No						
2H0P558	RAA12-V6 (6 - 10)	8/23/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L28 (6 - 10)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-L30 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U3 (0 - 1)	8/26/2002	Soil	Tier II	No						
2H0P582	RAA12-U3 (3 - 6)	8/26/2002	Soil	Tier II	No						
2H0P610	RAA12-A28 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-C27 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-E29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-G29 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-I34 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-S6 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P610	RAA12-S7 (0 - 1)	8/27/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-F28 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-G31 (0 - 1)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-G31 (3 - 6)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (1 - 3)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (10 - 15)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-H32 (6 - 10)	8/30/2002	Soil	Tier II	No						
2H0P705	RAA12-I32 (3 - 6)	8/30/2002	Soil	Tier II	No						
2I0P033	RAA12-B26 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (1 - 3)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-B26 (6 - 10)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (10 - 15)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-D28 (3 - 6)	9/3/2002	Soil	Tier I	No						
2I0P033	RAA12-DUP-18 (6 - 10)	9/3/2002	Soil	Tier I	No						RAA12-B26
2I0P033	RAA12-F32 (0 - 1)	9/3/2002	Soil	Tier I	No						
2I0P074	RAA12-F24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-F24 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-H24 (0 - 1)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (3 - 6)	9/4/2002	Soil	Tier II	No						
2I0P074	RAA12-J22 (6 - 10)	9/4/2002	Soil	Tier II	No						
2I0P106	RAA12-D30 (0 - 1)	9/5/2002	Soil	Tier I	No						
2I0P106	RAA12-D30 (6 - 10)	9/5/2002	Soil	Tier I	No						
2I0P162	RAA12-H30 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-H30 (6 - 10)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-J30 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-J31 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K20 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K20 (1 - 3)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-K22 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-O24 (0 - 1)	9/9/2002	Soil	Tier II	No						
2I0P162	RAA12-O24 (3 - 6)	9/9/2002	Soil	Tier II	No						
2I0P185	RAA12-DUP-21 (10 - 15)	9/10/2002	Soil	Tier II	No						RAA12-T9
2I0P185	RAA12-S11 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S8 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-S9 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T11 (1 - 3)	9/10/2002	Soil	Tier II	No						
Sulfide and Cyanide (continued)											
2I0P185	RAA12-T11 (6 - 10)	9/10/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2I0P185	RAA12-T9 (0 - 1)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T9 (10 - 15)	9/10/2002	Soil	Tier II	No						
2I0P185	RAA12-T9 (3 - 6)	9/10/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L16 (3 - 6)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (1 - 3)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-L18 (6 - 10)	9/11/2002	Soil	Tier II	No						
2I0P218	RAA12-M20 (0 - 1)	9/11/2002	Soil	Tier II	No						
2I0P452	RAA12-L22 (0 - 1)	9/20/2002	Soil	Tier I	No						
2I0P452	RAA12-L22 (1 - 3)	9/20/2002	Soil	Tier I	No						
2L0P012	RAA12-N17 (0 - 1)	12/2/2002	Soil	Tier I	No						
2L0P012	RAA12-O16 (0 - 1)	12/2/2002	Soil	Tier I	No						
2L0P049	RAA12-N18 (3 - 6)	12/3/2002	Soil	Tier II	Yes	Cyanide	MS %R	74%	75% to 125%	0.570 J	
						Sulfide	MS %R	73%	75% to 125%	47.0 J	
2L0P082	RAA12-DUP-25 (0 - 1)	12/4/2002	Soil	Tier II	No						RAA12-M14
2L0P082	RAA12-J12 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (1 - 3)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-J14 (6 - 10)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-L14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-M14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P082	RAA12-N14 (0 - 1)	12/4/2002	Soil	Tier II	No						
2L0P120	RAA12-Q13 (0 - 1)	12/5/2002	Soil	Tier I	No						
2L0P145	RAA12-K15 (0 - 1)	12/6/2002	Soil	Tier I	No						
2L0P182	RAA12-R12 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (1 - 3)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (10 - 15)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (3 - 6)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R12 (6 - 10)	12/9/2002	Soil	Tier II	No						
2L0P182	RAA12-R13 (0 - 1)	12/9/2002	Soil	Tier II	No						
2L0P212	RAA12-DUP-29 (1 - 3)	12/10/2002	Soil	Tier II	No						RAA12-N16
2L0P212	RAA12-N16 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (10 - 15)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-N16 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-P12 (3 - 6)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R10 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (0 - 1)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (1 - 3)	12/10/2002	Soil	Tier II	No						
2L0P212	RAA12-R8 (6 - 10)	12/10/2002	Soil	Tier II	No						
2L0P248	RAA12-DUP-31 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	27.0 J	RAA12-L10
2L0P248	RAA12-L10 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	22.0 J	
2L0P248	RAA12-L10 (3 - 6)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	25.0 J	
2L0P248	RAA12-L12 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	28.0 J	
2L0P248	RAA12-L12 (1 - 3)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	29.0 J	
2L0P248	RAA12-L8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	32.0 J	
2L0P248	RAA12-M11 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	20.0 J	
2L0P248	RAA12-N8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	44.0 J	
2L0P248	RAA12-N8 (1 - 3)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	36.0 J	
2L0P248	RAA12-N8 (6 - 10)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	26.0 J	
2L0P248	RAA12-P8 (0 - 1)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	22.0 J	
2L0P248	RAA12-P8 (3 - 6)	12/11/2002	Soil	Tier II	Yes	Sulfide	MS %R	67%	75% to 125%	26.0 J	
2L0P309	RAA12-N10 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N10 (10 - 15)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (0 - 1)	12/12/2002	Soil	Tier II	No						
2L0P309	RAA12-N12 (6 - 10)	12/12/2002	Soil	Tier II	No						
2L0P331	RAA12-J16 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P331	RAA12-J17 (0 - 1)	12/13/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (1 - 3)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (10 - 15)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P4 (6 - 10)	12/16/2002	Soil	Tier II	No						
Sulfide and Cyanide (continued)											
2L0P353	RAA12-P6 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P353	RAA12-P6 (3 - 6)	12/16/2002	Soil	Tier II	No						

TABLE C-1
LYMAN STREET AREA REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2L0P353	RAA12-R4 (0 - 1)	12/16/2002	Soil	Tier II	No						
2L0P390	RAA12-N5 (0 - 1)	12/17/2002	Soil	Tier II	No						
2L0P390	RAA12-Q5 (0 - 1)	12/17/2002	Soil	Tier II	No						
3C0P590	RAA12-I31	3/25/2003	Soil	Tier II	Yes	Cyanide	MS %R	44.8%	75% to 125%	0.0780 J	
3C0P590	RB-032503-2	3/25/2003	Water	Tier II	No						