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

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

Location ID:	F-2	GE-9	GE-10	GE-11	GE-13	GE-14	J9-23-7
Sample ID:	F-2	RNG090810	RNG101012	RNG111012	GE-13	GE-14	J9-23-7-4
Sample Depth(Feet):	8-10	8-10	10-12	10-12	0-0.5	0-0.5	2-4
Parameter Date Collected:	11/14/91	12/12/91	12/11/91	12/12/91	06/14/95	06/14/95	11/20/96
Volatile Organics							
1,1,1,2-Tetrachloroethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA	NA
1,1,1-Trichloroethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,1,2,2-Tetrachloroethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,1,2-trichloro-1,2,2-trifluoroethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA	NA
1,1,2-Trichloroethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,1-Dichloroethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,1-Dichloroethene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,2,3-Trichloropropane	NR	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.0060)
1,2-Dibromo-3-chloropropane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,2-Dibromoethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,2-Dichloroethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,2-Dichloroethene (total)	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	NA	NA	NA
1,2-Dichloropropane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
1,4-Dioxane	NR	NA	NA	NA	ND(0.020)	ND(0.020)	ND(1.1)
2-Butanone	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.011)
2-Chloro-1,3-butadiene	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.011)
2-Chloroethylvinylether	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.011)
2-Hexanone	NR	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.011)
3-Chloropropene	NR	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.0060)
4-Methyl-2-pentanone	NR	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.011)
Acetone	18 B	0.056 B	0.022 B	ND(0.012)	ND(0.020)	ND(0.020)	ND(0.011)
Acetonitrile	NR	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.23)
Acrolein	NR	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.010)	ND(0.010)	ND(0.057)
Acrylonitrile	NR	ND(0.15)	ND(0.14)	ND(0.14)	ND(0.010)	ND(0.010)	ND(0.057)
Benzene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Bromodichloromethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Bromoform	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Bromomethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Carbon Disulfide	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Carbon Tetrachloride	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Chlorobenzene	150	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Chloroethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Chloroform	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Chloromethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
cis-1,2-Dichloroethene	NR	NA	NA	NA	NA	NA	ND(0.0060)
cis-1,3-Dichloropropene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
cis-1,4-Dichloro-2-butene	NR	ND(0.018)	ND(0.018)	ND(0.018)	NA	NA	NA
Crotonaldehyde	NR	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA	NA
Dibromochloromethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Dibromomethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Dichlorodifluoromethane	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0060)
Ethyl Methacrylate	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0060)
Ethylbenzene	80	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Iodomethane	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.0010)	ND(0.0060)
Isobutanol	NR	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.45)
m&p-Xylene	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	NA
Methacrylonitrile	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0060)
Methyl Methacrylate	NR	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.0060)
Methylene Chloride	35 B	0.048 B	0.030 B	ND(0.052)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Pentachloroethane	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	NA
Propionitrile	NR	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.045)
Pyridine	NR	NA	NA	NA	ND(0.020)	ND(0.020)	NA
Styrene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Tetrachloroethene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Toluene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
trans-1,2-Dichloroethene	NR	NA	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0060)
trans-1,3-Dichloropropene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
trans-1,4-Dichloro-2-butene	NR	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Trichloroethene	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Trichlorofluoromethane	NR	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Vinyl Acetate	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.011)
Vinyl Chloride	NR	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0060)
Xylenes (total)	42	ND(0.0060)	ND(0.0060)	ND(0.0060)	NA	NA	ND(0.0060)

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

Location ID:	F-2	GE-9	GE-10	GE-11	GE-13	GE-14	J9-23-7
Sample ID:	F-2	RNG090810	RNG101012	RNG111012	GE-13	GE-14	J9-23-7-4
Sample Depth(Feet):	8-10	8-10	10-12	10-12	0-0.5	0-0.5	2-4
Parameter Date Collected:	11/14/91	12/12/91	12/11/91	12/12/91	06/14/95	06/14/95	11/20/96
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1,2,3-Trichlorobenzene	0.062 J	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
1,2,4-Trichlorobenzene	1.6	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	ND(0.33)	ND(0.37)
1,2-Dichlorobenzene	0.28 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
1,2-Diphenylhydrazine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(3.0)	ND(3.0)	ND(0.37)
1,3,5-Trichlorobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1,3,5-Trinitrobenzene	NR	ND(0.40)	ND(0.39)	ND(0.77)	ND(3.0)	ND(3.0)	ND(0.37)
1,3-Dichlorobenzene	2.9	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
1,3-Dinitrobenzene	NR	NA	NA	NA	ND(0.99)	ND(0.99)	ND(0.37)
1,4-Dichlorobenzene	12 E	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
1,4-Dinitrobenzene	NR	ND(0.79)	ND(0.78)	ND(0.77)	NA	NA	NA
1,4-Naphthoquinone	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.3)	ND(2.3)	ND(0.37)
1-Chloronaphthalene	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1-Methylnaphthalene	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
1-Naphthylamine	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.3)	ND(2.3)	ND(0.37)
2,3,4,6-Tetrachlorophenol	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.3)	ND(2.3)	ND(0.37)
2,4,5-Trichlorophenol	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(1.7)	ND(1.7)	ND(0.91)
2,4,6-Trichlorophenol	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(1.7)	ND(1.7)	ND(0.37)
2,4-Dichlorophenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
2,4-Dimethylphenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(2.3)	ND(2.3)	ND(0.37)
2,4-Dinitrophenol	NR	ND(1.6)	ND(0.39)	ND(1.5)	ND(5.0)	ND(5.0)	ND(0.91)
2,4-Dinitrotoluene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
2,6-Dichlorophenol	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(1.7)	ND(1.7)	ND(0.37)
2,6-Dinitrotoluene	NR	ND(0.40)	ND(0.78)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
2-Acetylaminofluorene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.75)
2-Chloronaphthalene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
2-Chlorophenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
2-Methylnaphthalene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
2-Methylphenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
2-Naphthylamine	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(1.3)	ND(1.3)	ND(0.37)
2-Nitroaniline	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(2.0)	ND(2.0)	ND(0.91)
2-Nitrophenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	ND(0.33)	ND(0.37)
2-Phenylenediamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
2-Picoline	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(3.0)	ND(3.0)	ND(0.75)
3&4-Methylphenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	ND(0.37)
3,3'-Dichlorobenzidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.75)
3,3'-Dimethoxybenzidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
3,3'-Dimethylbenzidine	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(6.6)	ND(0.66)	ND(0.75)
3-Methylcholanthrene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	ND(0.33)	ND(0.37)
3-Methylphenol	NR	NA	NA	NA	ND(0.66)	ND(0.66)	NA
3-Nitroaniline	NR	ND(0.79)	ND(0.39)	ND(0.77)	ND(0.66)	ND(0.66)	ND(0.91)
3-Phenylenediamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
4,6-Dinitro-2-methylphenol	NR	ND(1.2)	ND(1.2)	ND(1.2)	ND(3.0)	ND(3.0)	ND(0.91)
4-Aminobiphenyl	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.75)
4-Bromophenyl-phenylether	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
4-Chloro-3-Methylphenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
4-Chloroaniline	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
4-Chlorobenzilate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.75)
4-Chlorophenyl-phenylether	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
4-Methylphenol	NR	NA	NA	NA	ND(0.66)	ND(0.66)	NA
4-Nitroaniline	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.0)	ND(2.0)	ND(0.91)
4-Nitrophenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(3.0)	ND(3.0)	ND(0.91)
4-Nitroquinoline-1-oxide	NR	NA	NA	NA	ND(5.0)	ND(5.0)	ND(0.37)
4-Phenylenediamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.75)
5-Nitro-o-toluidine	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.0)	ND(2.0)	ND(0.37)
7,12-Dimethylbenz(a)anthracene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.75)
a,a'-Dimethylphenethylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(2.3)	ND(2.3)	ND(0.37)
Acenaphthene	0.35 J	ND(0.40)	ND(1.5)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Acenaphthylene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	1.2	ND(0.37)
Acetophenone	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)

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Parameter / Location ID:	F-2	GE-9	GE-10	GE-11	GE-13	GE-14	J9-23-7
Sample ID:	F-2	RNG090810	RNG101012	RNG111012	GE-13	GE-14	J9-23-7-4
Sample Depth(Feet):	8-10	8-10	10-12	10-12	0-0.5	0-0.5	2-4
Date Collected:	11/14/91	12/12/91	12/11/91	12/12/91	06/14/95	06/14/95	11/20/96
Semivolatile Organics(continued)							
Aniline	0.26 J	ND(0.40)	ND(0.39)	ND(0.39)	1.2	3.7	ND(0.37)
Anthracene	0.27 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Aramite	NR	NA	NA	NA	ND(1.3)	ND(1.3)	ND(0.75)
Benzal chloride	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
Benzidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(3.3)	ND(3.3)	ND(0.37)
Benzo(a)anthracene	0.62	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	0.81	ND(0.37)
Benzo(a)pyrene	0.53	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	1.3	ND(0.37)
Benzo(b)fluoranthene	1.2 Z	ND(0.40)	ND(0.39)	0.060 JZ	ND(0.66)	1.5	ND(0.37)
Benzo(g,h,i)perylene	0.38	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Benzo(k)fluoranthene	1.2 Z	ND(0.40)	ND(0.39)	0.060 JZ	ND(0.66)	ND(0.66)	ND(0.37)
Benzoic Acid	NR	ND(4.0)	ND(3.9)	ND(3.9)	NA	NA	NA
Benzotrichloride	NR	ND(0.79)	ND(0.78)	ND(0.77)	NA	NA	NA
Benzyl Alcohol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
Benzyl Chloride	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
bis(2-Chloroethoxy)methane	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
bis(2-Chloroethyl)ether	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(0.66)	ND(0.66)	ND(0.37)
bis(2-Chloroisopropyl)ether	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
bis(2-Ethylhexyl)phthalate	NR	0.045 J	0.34 J	0.26 J	ND(1.7)	ND(1.7)	0.59
Butylbenzylphthalate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Chrysene	1.4	ND(0.40)	ND(0.39)	0.050 J	ND(0.66)	0.93	ND(0.37)
Cyclophosphamide	NR	ND(1.9)	ND(1.9)	ND(1.9)	NA	NA	NA
Diallate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
Dibenz(a,j)acridine	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
Dibenzo(a,h)anthracene	0.11 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Dibenzofuran	0.28 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Diethylphthalate	0.33 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
Dimethylphthalate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Di-n-Butylphthalate	0.36 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
Di-n-Octylphthalate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
Dinoseb	NR	NA	NA	NA	NA	NA	ND(0.37)
Diphenylamine	NR	ND(0.79)	ND(0.78)	ND(0.39)	ND(2.0)	ND(2.0)	ND(0.37)
Ethyl Methanesulfonate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
Fluoranthene	1.1	ND(0.40)	ND(0.39)	0.056 J	ND(1.3)	ND(1.3)	ND(0.37)
Fluorene	0.30 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Hexachlorobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
Hexachlorobutadiene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	ND(0.33)	ND(0.37)
Hexachlorocyclopentadiene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.7)	ND(1.7)	ND(0.37)
Hexachloroethane	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Hexachlorophene	NR	NA	NA	NA	ND(1.3)	ND(1.3)	ND(1.9)
Hexachloropropene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.7)	ND(1.7)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.32 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Isodrin	NR	NA	NA	NA	ND(0.99)	ND(0.99)	NA
Isophorone	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Isosafrole	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(0.66)	ND(0.66)	ND(0.37)
Methapyrilene	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(2.0)	ND(2.0)	ND(0.37)
Methyl Methanesulfonate	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
Naphthalene	0.10 J	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	0.36	ND(0.37)
Nitrobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
N-Nitrosodiethylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
N-Nitrosodimethylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
N-Nitroso-di-n-butylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
N-Nitroso-di-n-propylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.37)
N-Nitrosodiphenylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(2.0)	ND(2.0)	ND(0.37)
N-Nitrosomethylethylamine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
N-Nitrosomorpholine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
N-Nitrosopiperidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
N-Nitrosopyrrolidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
o,o,o-Triethylphosphorothioate	NR	NA	NA	NA	ND(7.3)	ND(7.3)	NA
o-Toluidine	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.7)	ND(1.7)	ND(0.37)
Paraldehyde	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
p-Dimethylaminoazobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Pentachlorobenzene	NR	ND(0.40)	ND(0.78)	ND(0.39)	ND(0.66)	ND(0.66)	ND(0.37)
Pentachloroethane	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	ND(0.37)
Pentachloronitrobenzene	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)

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

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

Parameter / Location ID:	F-2	GE-9	GE-10	GE-11	GE-13	GE-14	J9-23-7
Sample ID:	F-2	RNG090810	RNG101012	RNG111012	GE-13	GE-14	J9-23-7-4
Sample Depth(Feet):	8-10	8-10	10-12	10-12	0-0.5	0-0.5	2-4
Date Collected:	11/14/91	12/12/91	12/11/91	12/12/91	06/14/95	06/14/95	11/20/96
Semivolatile Organics(continued)							
Pentachlorophenol	NR	ND(0.79)	ND(0.78)	ND(0.77)	ND(3.6)	ND(3.6)	ND(0.91)
Phenacetin	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(1.3)	ND(1.3)	ND(0.75)
Phenanthrene	1.7	ND(0.40)	ND(0.39)	0.040 J	ND(0.99)	ND(0.99)	ND(0.37)
Phenol	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
Pronamide	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.99)	ND(0.99)	ND(0.37)
Pyrene	0.97	ND(0.40)	0.044 J	0.078 J	ND(0.66)	ND(0.66)	0.43
Pyridine	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	ND(0.37)
Safrole	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.33)	ND(0.33)	ND(0.37)
Thionazin	NR	ND(0.40)	ND(0.39)	ND(0.39)	ND(3.0)	ND(3.0)	NA
Organochlorine Pesticides							
4,4'-DDD	NR	NA	NA	NA	NA	NA	NA
4,4'-DDE	NR	NA	NA	NA	NA	NA	NA
4,4'-DDT	NR	NA	NA	NA	NA	NA	NA
Aldrin	NR	NA	NA	NA	NA	NA	NA
Alpha-BHC	NR	NA	NA	NA	NA	NA	NA
Beta-BHC	NR	NA	NA	NA	NA	NA	NA
Delta-BHC	NR	NA	NA	NA	NA	NA	NA
Dieldrin	NR	NA	NA	NA	NA	NA	NA
Endosulfan I	NR	NA	NA	NA	NA	NA	NA
Endosulfan II	NR	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NR	NA	NA	NA	NA	NA	NA
Endrin	NR	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NR	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NR	NA	NA	NA	NA	NA	NA
Heptachlor	NR	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NR	NA	NA	NA	NA	NA	NA
Kepone	NR	NA	NA	NA	NA	NA	NA
Methoxychlor	NR	NA	NA	NA	NA	NA	NA
Technical Chlordane	NR	NA	NA	NA	NA	NA	NA
Toxaphene	NR	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
Dimethoate	NR	ND(0.40)	ND(0.39)	ND(0.39)	NA	NA	NA
Disulfoton	NR	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NR	NA	NA	NA	NA	NA	NA
Famphur	NR	NA	NA	NA	NA	NA	NA
Methyl Parathion	NR	NA	NA	NA	NA	NA	NA
Phorate	NR	NA	NA	NA	NA	NA	NA
Sulfotep	NR	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NR	NA	NA	NA	NA	NA	NA
2,4,5-TP	NR	NA	NA	NA	NA	NA	NA
2,4-D	NR	NA	NA	NA	NA	NA	NA
Dinoseb	NR	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0027	Rejected	Rejected	0.00013	0.00010	0.00079	0.0000054 Y
TCDFs (total)	0.012	Rejected	Rejected	0.00072	0.00098	0.0070	0.000042
1,2,3,7,8-PeCDF	0.0135	NA	NA	NA	0.000054	0.00049	ND(0.0000013)
2,3,4,7,8-PeCDF	NR	NA	NA	NA	0.00011	0.00094	ND(0.0000017)
PeCDFs (total)	NR	Rejected	Rejected	0.00078	0.0022	0.010	0.0000089
1,2,3,4,7,8-HxCDF	NR	NA	NA	NA	0.00012	0.0017	ND(0.0000025)
1,2,3,6,7,8-HxCDF	NR	NA	NA	NA	0.00019	0.0016	ND(0.00000088)
1,2,3,7,8,9-HxCDF	NR	NA	NA	NA	0.000016	0.00011	ND(0.00000032)
2,3,4,6,7,8-HxCDF	NR	NA	NA	NA	0.00015	0.00062	ND(0.0000016)
HxCDFs (total)	0.0106	Rejected	Rejected	0.00078	0.0026	0.011	ND(0.0000053)
1,2,3,4,6,7,8-HpCDF	NR	NA	NA	NA	0.00024	0.0019	ND(0.0000030)
1,2,3,4,7,8,9-HpCDF	NR	NA	NA	NA	0.000040	0.00049	ND(0.00000052)
HpCDFs (total)	0.0045	Rejected	Rejected	0.00033	0.00078	0.0040	ND(0.0000030)
OCDF	0.0022	Rejected	Rejected	0.00019	0.00013	0.0014	ND(0.0000044)

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

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

Location ID:	F-2	GE-9	GE-10	GE-11	GE-13	GE-14	J9-23-7
Sample ID:	F-2	RNG090810	RNG101012	RNG111012	GE-13	GE-14	J9-23-7-4
Sample Depth(Feet):	8-10	8-10	10-12	10-12	0-0.5	0-0.5	2-4
Parameter Date Collected:	11/14/91	12/12/91	12/11/91	12/12/91	06/14/95	06/14/95	11/20/96
Dioxins							
2,3,7,8-TCDD	NR	Rejected	Rejected	ND(0.000012)	ND(0.0000014)	ND(0.0000093)	ND(0.00000028)
TCDDs (total)	NR	Rejected	Rejected	ND(0.000012)	ND(0.0000014)	0.000047	ND(0.00000068)
1,2,3,7,8-PeCDD	NR	NA	NA	NA	ND(0.000010)	ND(0.000028)	ND(0.00000031)
PeCDDs (total)	0.00032	Rejected	Rejected	ND(0.000018)	ND(0.000010)	ND(0.000065)	ND(0.00000031)
1,2,3,4,7,8-HxCDD	NR	NA	NA	NA	ND(0.000013)	0.000014	ND(0.00000084)
1,2,3,6,7,8-HxCDD	NR	NA	NA	NA	ND(0.000011)	0.000031	ND(0.00000072)
1,2,3,7,8,9-HxCDD	NR	NA	NA	NA	ND(0.000011)	0.000023	ND(0.00000077)
HxCDDs (total)	0.00070	Rejected	Rejected	ND(0.000084) X	0.000044	0.00038	ND(0.00000084)
1,2,3,4,6,7,8-HpCDD	NR	NA	NA	NA	0.000033	0.00024	ND(0.0000018)
HpCDDs (total)	0.00068	Rejected	Rejected	ND(0.000079) X	0.000069	0.00046	ND(0.0000018)
OCDD	0.00097	Rejected	Rejected	0.000065	0.00012	0.00064	0.000012 J
Total TEQs (WHO TEFs)	NC	NC	NC	NC	0.00013	0.0010	0.0000017
Inorganics							
Aluminum	5730	12400 *	13500 *	7470 *	NA	NA	NA
Antimony	NR	ND(8.70) N	ND(8.20) N	11.1 BN	0.986	2.12	ND(1.50)
Arsenic	7.00 W	37.4 A	4.90	4.50	5.24	5.46	4.90
Barium	78.5 N*	37.5 B	20.6 B	22.0 B	38.9	75.4	17.2 B
Beryllium	0.230 B	ND(0.240)	ND(0.230)	ND(0.230)	0.237	0.273	0.240 B
Cadmium	1.50 N	ND(1.20)	ND(1.10)	ND(1.10)	1.61	3.05	ND(0.240)
Calcium	35800 E*	1680 E	7070 E	639 BE	NA	NA	NA
Chromium	54.5 EN*	13.0	15.2	9.00	11.5	24.0	10.0
Cobalt	8.00 *	14.4	15.2	10.9 B	9.33	9.95	8.20
Copper	349 *	22.7 N	39.1 N	45.5 N	52.7	420	11.5
Cyanide	NR	ND(0.500)	ND(0.600)	ND(0.500)	ND(4.00)	ND(4.00)	ND(2.80)
Iron	19400 E*	32500 *	30600 *	18000 *	NA	NA	NA
Lead	681 E	8.90 *	65.4 *	22.5 A*	62.3	467	15.7
Magnesium	18700	5050	8790	3200	NA	NA	NA
Manganese	474 E*	1070 N*	747 N*	299 N*	NA	NA	NA
Mercury	0.540 N	ND(0.120)	ND(0.110)	ND(0.110)	ND(0.167)	ND(0.167)	0.0800 B
Nickel	26.4 N*	23.9	26.1	15.6	16.5	18.8	15.5
Potassium	577	286 B	318 B	364 B	NA	NA	NA
Selenium	NR	ND(0.970)	ND(0.930)	ND(0.920) W	0.956	0.899	0.820
Silver	NR	ND(1.50) N	ND(1.40) N	ND(1.40) N	ND(0.0430)	ND(0.0430)	ND(0.390)
Sodium	102 B	108 B	119 B	118 B	NA	NA	NA
Sulfide	47.0	ND(12.2)	NA	ND(11.8)	ND(200)	ND(200)	ND(228)
Thallium	NR	ND(0.730) W	ND(0.700) W	ND(0.690) W	ND(0.136)	ND(0.136)	ND(0.520)
Tin	NR	NA	NA	NA	14.2	40.8	ND(1.50)
Vanadium	10.1	12.3	12.3	8.40 B	17.3	16.7	10.5
Zinc	405 E*	67.5	90.2	66.7	101	380	50.1
Conventional Parameters							
Total Phenols	0.82	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-01 N2SC-01-CS1015 10-15 10/29/98	N2SC-01 N2SC-01-SS07 10-12 10/29/98	N2SC-02 N2SC-02-CS0306 3-6 11/03/98	N2SC-02 N2SC-02-SS03 3-5 11/05/98	N2SC-03 N2SC-03-CS1015 10-15 11/02/98	N2SC-03 N2SC-03-SS09 14-15 11/02/98
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,1-Dichloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,1-Dichloroethene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,2,3-Trichloropropane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,2-Dibromo-3-chloropropane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
1,2-Dibromoethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,2-Dichloroethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
1,4-Dioxane	ND(0.50)	ND(130)	NA	ND(0.44)	NA	ND(670)
2-Butanone	ND(0.020)	ND(5.2)	NA	ND(0.017)	NA	ND(27)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
2-Chloroethylvinylether	ND(0.050)	ND(13)	NA	ND(0.044)	NA	ND(67)
2-Hexanone	ND(0.020)	ND(5.2)	NA	ND(0.017)	NA	ND(27)
3-Chloropropene	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
4-Methyl-2-pentanone	ND(0.020)	ND(5.2)	NA	ND(0.017)	NA	ND(27)
Acetone	ND(0.020)	ND(5.2)	NA	ND(0.017)	NA	ND(27)
Acetonitrile	ND(0.10)	ND(26)	NA	ND(0.087)	NA	ND(130)
Acrolein	ND(0.10)	ND(26)	NA	ND(0.087)	NA	ND(130)
Acrylonitrile	ND(0.10)	ND(26)	NA	ND(0.087)	NA	ND(130)
Benzene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Bromodichloromethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Bromoform	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Bromomethane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Carbon Disulfide	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Carbon Tetrachloride	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Chlorobenzene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Chloroethane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Chloroform	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Chloromethane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
cis-1,2-Dichloroethene	ND(0.0025)	26	NA	ND(0.0022)	NA	130
cis-1,3-Dichloropropene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Dibromomethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Dichlorodifluoromethane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Ethyl Methacrylate	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Ethylbenzene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Iodomethane	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Isobutanol	ND(0.20)	ND(52)	NA	ND(0.17)	NA	ND(270)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Methyl Methacrylate	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Methylene Chloride	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Pentachloroethane	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.020)	ND(5.2)	NA	ND(0.017)	NA	ND(27)
Pyridine	NA	NA	NA	NA	NA	NA
Styrene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Tetrachloroethene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Toluene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	4.5 J
trans-1,2-Dichloroethene	ND(0.0025)	ND(0.64)	NA	ND(0.0022)	NA	ND(3.4)
trans-1,3-Dichloropropene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)
Trichloroethene	ND(0.0050)	3.3	NA	ND(0.0044)	NA	170
Trichlorofluoromethane	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Vinyl Acetate	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Vinyl Chloride	ND(0.010)	ND(2.6)	NA	ND(0.0087)	NA	ND(13)
Xylenes (total)	ND(0.0050)	ND(1.3)	NA	ND(0.0044)	NA	ND(6.7)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-01 N2SC-01-CS1015 10-15 10/29/98	N2SC-01 N2SC-01-SS07 10-12 10/29/98	N2SC-02 N2SC-02-CS0306 3-6 11/03/98	N2SC-02 N2SC-02-SS03 3-5 11/05/98	N2SC-03 N2SC-03-CS1015 10-15 11/02/98	N2SC-03 N2SC-03-SS09 14-15 11/02/98
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	0.81 J	NA	ND(1.9)	NA	4.4	NA
1,2,4-Trichlorobenzene	24	NA	4.5	NA	210	NA
1,2-Dichlorobenzene	ND(3.3)	NA	ND(1.9)	NA	2.7 J	NA
1,2-Diphenylhydrazine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
1,3-Dichlorobenzene	ND(3.3)	NA	ND(1.9)	NA	2.4 J	NA
1,3-Dinitrobenzene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
1,4-Dichlorobenzene	ND(3.3)	NA	ND(1.9)	NA	18	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,3,4,6-Tetrachlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,4,5-Trichlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,4,6-Trichlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,4-Dichlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,4-Dimethylphenol	0.37 J	NA	ND(1.9)	NA	0.31 J	NA
2,4-Dinitrophenol	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
2,4-Dinitrotoluene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,6-Dichlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2,6-Dinitrotoluene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Acetylaminofluorene	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
2-Chloronaphthalene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Chlorophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Methylnaphthalene	0.69 J	NA	ND(1.9)	NA	2.6 J	NA
2-Methylphenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Naphthylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Nitroaniline	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
2-Nitrophenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
3&4-Methylphenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
3,3'-Dichlorobenzidine	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
3-Methylcholanthrene	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
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	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
4-Aminobiphenyl	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
4-Bromophenyl-phenylether	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
4-Chloro-3-Methylphenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
4-Chloroaniline	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
4-Chlorobenzilate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
4-Chlorophenyl-phenylether	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
4-Nitrophenol	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
4-Nitroquinoline-1-oxide	ND(33)	NA	ND(19)	NA	ND(30)	NA
4-Phenylenediamine	ND(33)	NA	ND(19)	NA	ND(30)	NA
5-Nitro-o-toluidine	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
7,12-Dimethylbenz(a)anthracene	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
a,a'-Dimethylphenethylamine	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Acenaphthene	5.6	NA	0.50 J	NA	1.6 J	NA
Acenaphthylene	1.0 J	NA	1.1 J	NA	0.32 J	NA
Acetophenone	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA

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

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

Parameter / Location ID:	N2SC-01	N2SC-01	N2SC-02	N2SC-02	N2SC-03	N2SC-03
Sample ID:	N2SC-01-CS1015	N2SC-01-SS07	N2SC-02-CS0306	N2SC-02-SS03	N2SC-03-CS1015	N2SC-03-SS09
Sample Depth(Feet):	10-15	10-12	3-6	3-5	10-15	14-15
Date Collected:	10/29/98	10/29/98	11/03/98	11/05/98	11/02/98	11/02/98
Semivolatile Organics(continued)						
Aniline	ND(3.3)	NA	ND(1.9)	NA	5.5	NA
Anthracene	6.6	NA	1.5 J	NA	1.4 J	NA
Aramite	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	ND(33)	NA	ND(19)	NA	ND(30)	NA
Benzo(a)anthracene	7.4	NA	5.7	NA	2.2 J	NA
Benzo(a)pyrene	6.5	NA	7.2	NA	1.6 J	NA
Benzo(b)fluoranthene	8.1	NA	8.5	NA	2.6 J	NA
Benzo(g,h,i)perylene	1.1 J	NA	2.6	NA	ND(3.0)	NA
Benzo(k)fluoranthene	3.6	NA	3.8	NA	1.2 J	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
bis(2-Chloroethyl)ether	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
bis(2-Chloroisopropyl)ether	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
bis(2-Ethylhexyl)phthalate	0.37 J	NA	0.90 J	NA	1.3 J	NA
Butylbenzylphthalate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Chrysene	7.1	NA	5.7	NA	2.5 J	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.38 J	NA	0.75 J	NA	ND(3.0)	NA
Dibenzofuran	2.2 J	NA	0.50 J	NA	1.1 J	NA
Diethylphthalate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Dimethylphthalate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Di-n-Butylphthalate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Di-n-Octylphthalate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Diphenylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Ethyl Methanesulfonate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Fluoranthene	24	NA	11	NA	4.7	NA
Fluorene	5.5	NA	0.63 J	NA	1.7	NA
Hexachlorobenzene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Hexachlorobutadiene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Hexachlorocyclopentadiene	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Hexachloroethane	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	ND(13)	NA	ND(7.6)	NA	ND(12)	NA
Indeno(1,2,3-cd)pyrene	1.2 J	NA	3.1	NA	0.27 J	NA
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Isosafrole	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Methapyrilene	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Methyl Methanesulfonate	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Naphthalene	2.3 J	NA	0.64 J	NA	12	NA
Nitrobenzene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosodiethylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosodimethylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitroso-di-n-butylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitroso-di-n-propylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosodiphenylamine	ND(3.3)	NA	ND(1.9)	NA	0.77 J	NA
N-Nitrosomethylethylamine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosomorpholine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosopiperidine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
N-Nitrosopyrrolidine	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA
o-Toluidine	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Pentachlorobenzene	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Pentachloroethane	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Pentachloronitrobenzene	ND(16)	NA	ND(9.3)	NA	ND(15)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-01 N2SC-01-CS1015 10-15 10/29/98	N2SC-01 N2SC-01-SS07 10-12 10/29/98	N2SC-02 N2SC-02-CS0306 3-6 11/03/98	N2SC-02 N2SC-02-SS03 3-5 11/05/98	N2SC-03 N2SC-03-CS1015 10-15 11/02/98	N2SC-03 N2SC-03-SS09 14-15 11/02/98
Semivolatile Organics(continued)						
Pentachlorophenol	ND(16)	NA	ND(9.3)	NA	ND(15)	NA
Phenacetin	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Phenanthrene	19	NA	6.2	NA	7.0	NA
Phenol	ND(3.3)	NA	ND(1.9)	NA	ND(3.0)	NA
Pronamide	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Pyrene	13	NA	8.5	NA	4.0	NA
Pyridine	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Safrole	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Thionazin	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
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
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	ND(6.7)	NA	ND(3.8)	NA	ND(6.0)	NA
Furans						
2,3,7,8-TCDF	0.000046 Y	NA	0.0073 DY	NA	ND(0.0000023) X	NA
TCDFs (total)	0.00037	NA	0.038	NA	0.0000092	NA
1,2,3,7,8-PeCDF	0.000052	NA	0.0028 E	NA	ND(0.00000062)	NA
2,3,4,7,8-PeCDF	0.00018	NA	0.0020	NA	ND(0.00000062)	NA
PeCDFs (total)	0.0017	NA	0.015	NA	0.000044	NA
1,2,3,4,7,8-HxCDF	0.00099	NA	ND(0.0027) V	NA	0.000027	NA
1,2,3,6,7,8-HxCDF	0.00034	NA	0.0011	NA	ND(0.000013) XI	NA
1,2,3,7,8,9-HxCDF	0.000020 V	NA	0.00014	NA	0.0000049	NA
2,3,4,6,7,8-HxCDF	0.000083	NA	0.00034	NA	0.0000067	NA
HxCDFs (total)	0.00017	NA	0.010	NA	0.000068	NA
1,2,3,4,6,7,8-HpCDF	0.00063	NA	0.0033 E	NA	0.000010	NA
1,2,3,4,7,8,9-HpCDF	0.00042	NA	0.0014	NA	0.0000067	NA
HpCDFs (total)	0.0021	NA	0.0075	NA	0.000032	NA
OCDF	0.00067	NA	0.0039	NA	0.0000063 J	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-01 N2SC-01-CS1015 10-15 10/29/98	N2SC-01 N2SC-01-SS07 10-12 10/29/98	N2SC-02 N2SC-02-CS0306 3-6 11/03/98	N2SC-02 N2SC-02-SS03 3-5 11/05/98	N2SC-03 N2SC-03-CS1015 10-15 11/02/98	N2SC-03 N2SC-03-SS09 14-15 11/02/98
Dioxins						
2,3,7,8-TCDD	0.0000019	NA	0.000015	NA	ND(0.0000061) IX	NA
TCDDs (total)	0.000026	NA	0.00082	NA	ND(0.00013) I	NA
1,2,3,7,8-PeCDD	0.000013	NA	0.000069	NA	ND(0.0000012) I	NA
PeCDDs (total)	0.000034	NA	0.00084	NA	ND(0.0013) I	NA
1,2,3,4,7,8-HxCDD	0.000027	NA	0.00011	NA	ND(0.00000083)	NA
1,2,3,6,7,8-HxCDD	0.000013	NA	0.00017	NA	ND(0.00000092)	NA
1,2,3,7,8,9-HxCDD	0.0000085	NA	0.00014	NA	ND(0.00000078)	NA
HxCDDs (total)	0.00017	NA	0.0031	NA	ND(0.00000078)	NA
1,2,3,4,6,7,8-HpCDD	0.00013	NA	0.0017	NA	0.0000015 J	NA
HpCDDs (total)	0.00025	NA	0.0044	NA	0.0000029	NA
OCDD	0.00058	NA	0.0068 E	NA	0.0000063 J	NA
Total TEQs (WHO TEFs)	0.00027	NA	0.0024	NA	0.0000088	NA
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	1.00 B	NA	1.90	NA	0.900 B	NA
Arsenic	5.90	NA	12.0	NA	3.90	NA
Barium	64.5	NA	682	NA	57.2	NA
Beryllium	0.480 B	NA	0.250 B	NA	0.320 B	NA
Cadmium	1.10	NA	7.10	NA	0.380 B	NA
Calcium	NA	NA	NA	NA	NA	NA
Chromium	20.9	NA	81.1	NA	27.8	NA
Cobalt	13.6	NA	29.4	NA	9.10 B	NA
Copper	77.1	NA	845	NA	138	NA
Cyanide	ND(5.10)	NA	ND(2.90)	NA	ND(4.60)	NA
Iron	NA	NA	NA	NA	NA	NA
Lead	145	NA	910	NA	221	NA
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	0.0360 B	NA	0.610	NA	0.320	NA
Nickel	19.9	NA	36.9	NA	21.2	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	1.20	NA	1.80	NA	0.860 B	NA
Silver	ND(2.00)	NA	9.10	NA	0.140 B	NA
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	740	NA	ND(233)	NA	798	NA
Thallium	1.40 B	NA	ND(1.20)	NA	ND(1.80)	NA
Tin	11.3 B	NA	165	NA	11.1 B	NA
Vanadium	15.1	NA	27.8	NA	12.1	NA
Zinc	305	NA	3730	NA	225	NA
Conventional Parameters						
Total Phenols	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-04 N2SC-04-CS1015 10-15 11/04/98	N2SC-04 N2SC-04-SS09 14-15 11/04/98	N2SC-05 N2SC-05-CS1015 10-15 11/05/98	N2SC-05 N2SC-05-SS08 12-14 11/05/98	N2SC-06 N2SC-06-CS1015 10-15 10/28/98	N2SC-06 N2SC-06-SS09 14-15 10/28/98
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,1,2,2-Tetrachloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,1-Dichloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,1-Dichloroethene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,2,3-Trichloropropane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,2-Dibromo-3-chloropropane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
1,2-Dibromoethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,2-Dichloroethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
1,4-Dioxane	NA	ND(23)	NA	ND(0.54)	NA	ND(0.52)
2-Butanone	NA	ND(0.91)	NA	ND(0.021)	NA	ND(0.021)
2-Chloro-1,3-butadiene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
2-Chloroethylvinylether	NA	ND(2.3)	NA	ND(0.054)	NA	ND(0.052)
2-Hexanone	NA	ND(0.91)	NA	ND(0.021)	NA	ND(0.021)
3-Chloropropene	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
4-Methyl-2-pentanone	NA	ND(0.91)	NA	ND(0.021)	NA	ND(0.021)
Acetone	NA	1.0	NA	ND(0.021)	NA	ND(0.021)
Acetonitrile	NA	ND(4.6)	NA	ND(0.11)	NA	ND(0.10)
Acrolein	NA	ND(4.6)	NA	ND(0.11)	NA	ND(0.10)
Acrylonitrile	NA	ND(4.6)	NA	ND(0.11)	NA	ND(0.10)
Benzene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Bromodichloromethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Bromoform	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Bromomethane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Carbon Disulfide	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Carbon Tetrachloride	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Chlorobenzene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Chloroethane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Chloroform	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Chloromethane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
cis-1,2-Dichloroethene	NA	ND(0.11)	NA	ND(0.0027)	NA	ND(0.0026)
cis-1,3-Dichloropropene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Dibromomethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Dichlorodifluoromethane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Ethyl Methacrylate	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Ethylbenzene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Iodomethane	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Isobutanol	NA	ND(9.1)	NA	ND(0.21)	NA	ND(0.21)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Methyl Methacrylate	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Methylene Chloride	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Pentachloroethane	NA	NA	NA	NA	NA	NA
Propionitrile	NA	ND(0.91)	NA	ND(0.021)	NA	ND(0.021)
Pyridine	NA	NA	NA	NA	NA	NA
Styrene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Tetrachloroethene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Toluene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
trans-1,2-Dichloroethene	NA	ND(0.11)	NA	ND(0.0027)	NA	ND(0.0026)
trans-1,3-Dichloropropene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
trans-1,4-Dichloro-2-butene	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)
Trichloroethene	NA	0.42	NA	ND(0.0054)	NA	ND(0.0052)
Trichlorofluoromethane	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Vinyl Acetate	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Vinyl Chloride	NA	ND(0.46)	NA	ND(0.011)	NA	ND(0.010)
Xylenes (total)	NA	ND(0.23)	NA	ND(0.0054)	NA	ND(0.0052)

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

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

Parameter / Location ID:	N2SC-04	N2SC-04	N2SC-05	N2SC-05	N2SC-06	N2SC-06
Sample ID:	N2SC-04-CS1015	N2SC-04-SS09	N2SC-05-CS1015	N2SC-05-SS08	N2SC-06-CS1015	N2SC-06-SS09
Sample Depth(Feet):	10-15	14-15	10-15	12-14	10-15	14-15
Date Collected:	11/04/98	11/04/98	11/05/98	11/05/98	10/28/98	10/28/98
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	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,2,4-Trichlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,2-Dichlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,2-Diphenylhydrazine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
1,3-Dichlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,3-Dinitrobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,4-Dichlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,3,4,6-Tetrachlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,4,5-Trichlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,4,6-Trichlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,4-Dichlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,4-Dimethylphenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,4-Dinitrophenol	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
2,4-Dinitrotoluene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,6-Dichlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2,6-Dinitrotoluene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Acetylaminofluorene	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
2-Chloronaphthalene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Chlorophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Methylnaphthalene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Methylphenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Naphthylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Nitroaniline	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
2-Nitrophenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
3&4-Methylphenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
3,3'-Dichlorobenzidine	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
3-Methylcholanthrene	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
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	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
4-Aminobiphenyl	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
4-Bromophenyl-phenylether	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
4-Chloro-3-Methylphenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
4-Chloroaniline	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
4-Chlorobenzilate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
4-Chlorophenyl-phenylether	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
4-Nitrophenol	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
4-Nitroquinoline-1-oxide	ND(4.1)	NA	ND(4.8)	NA	ND(21)	NA
4-Phenylenediamine	ND(4.1)	NA	ND(4.8)	NA	ND(21)	NA
5-Nitro-o-toluidine	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
a,a'-Dimethylphenethylamine	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Acenaphthene	0.052 J	NA	ND(0.48)	NA	0.83 J	NA
Acenaphthylene	ND(0.41)	NA	ND(0.48)	NA	0.27 J	NA
Acetophenone	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-04 N2SC-04-CS1015 10-15 11/04/98	N2SC-04 N2SC-04-SS09 14-15 11/04/98	N2SC-05 N2SC-05-CS1015 10-15 11/05/98	N2SC-05 N2SC-05-SS08 12-14 11/05/98	N2SC-06 N2SC-06-CS1015 10-15 10/28/98	N2SC-06 N2SC-06-SS09 14-15 10/28/98
Semivolatile Organics(continued)						
Aniline	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Anthracene	0.14 J	NA	ND(0.48)	NA	0.17 J	NA
Aramite	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	ND(4.1)	NA	ND(4.8)	NA	ND(21)	NA
Benzo(a)anthracene	0.20 J	NA	ND(0.48)	NA	0.50 J	NA
Benzo(a)pyrene	0.17 J	NA	0.20 J	NA	0.70 J	NA
Benzo(b)fluoranthene	0.18 J	NA	ND(0.48)	NA	0.57 J	NA
Benzo(g,h,i)perylene	0.069 J	NA	ND(0.48)	NA	0.51 J	NA
Benzo(k)fluoranthene	0.095 J	NA	ND(0.48)	NA	0.25 J	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
bis(2-Chloroethyl)ether	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
bis(2-Chloroisopropyl)ether	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
bis(2-Ethylhexyl)phthalate	0.49	NA	0.12 J	NA	0.43 J	NA
Butylbenzylphthalate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Chrysene	0.19 J	NA	ND(0.48)	NA	0.55 J	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Dibenzofuran	0.051 J	NA	ND(0.48)	NA	ND(2.1)	NA
Diethylphthalate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Dimethylphthalate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Di-n-Butylphthalate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Di-n-Octylphthalate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Diphenylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Ethyl Methanesulfonate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Fluoranthene	0.59	NA	ND(0.48)	NA	0.72 J	NA
Fluorene	0.081 J	NA	ND(0.19)	NA	0.34 J	NA
Hexachlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Hexachlorobutadiene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Hexachlorocyclopentadiene	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Hexachloroethane	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	ND(1.6)	NA	ND(1.9)	NA	ND(8.2)	NA
Indeno(1,2,3-cd)pyrene	0.071 J	NA	ND(0.48)	NA	0.38 J	NA
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Isosafrole	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Methapyrilene	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Methyl Methanesulfonate	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Naphthalene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Nitrobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosodiethylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosodimethylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitroso-di-n-butylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitroso-di-n-propylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosodiphenylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosomethylethylamine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosomorpholine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosopiperidine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
N-Nitrosopyrrolidine	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA
o-Toluidine	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Pentachlorobenzene	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Pentachloroethane	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Pentachloronitrobenzene	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA

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

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

Parameter / Location ID:	N2SC-04	N2SC-04	N2SC-05	N2SC-05	N2SC-06	N2SC-06
Sample ID:	N2SC-04-CS1015	N2SC-04-SS09	N2SC-05-CS1015	N2SC-05-SS08	N2SC-06-CS1015	N2SC-06-SS09
Sample Depth(Feet):	10-15	14-15	10-15	12-14	10-15	14-15
Date Collected:	11/04/98	11/04/98	11/05/98	11/05/98	10/28/98	10/28/98
Semivolatile Organics(continued)						
Pentachlorophenol	ND(2.0)	NA	ND(2.3)	NA	ND(10)	NA
Phenacetin	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Phenanthrene	0.55	NA	ND(0.48)	NA	0.36 J	NA
Phenol	ND(0.41)	NA	ND(0.48)	NA	ND(2.1)	NA
Pronamide	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Pyrene	0.34 J	NA	ND(0.48)	NA	0.99 J	NA
Pyridine	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Safrole	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Thionazin	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
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
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	ND(0.83)	NA	ND(0.97)	NA	ND(4.2)	NA
Furans						
2,3,7,8-TCDF	0.000013 Y	NA	ND(0.00000039)	NA	0.00015 Y	NA
TCDFs (total)	0.00013	NA	ND(0.0000023)	NA	0.0014	NA
1,2,3,7,8-PeCDF	0.0000091	NA	ND(0.00000058)	NA	0.000053	NA
2,3,4,7,8-PeCDF	0.000012	NA	ND(0.00000062)	NA	0.000070	NA
PeCDFs (total)	0.00014	NA	ND(0.0000041)	NA	0.0012	NA
1,2,3,4,7,8-HxCDF	0.000031	NA	ND(0.00000074)	NA	0.00026	NA
1,2,3,6,7,8-HxCDF	0.000016	NA	ND(0.00000079)	NA	0.00014	NA
1,2,3,7,8,9-HxCDF	ND(0.00000052)	NA	ND(0.00000031)	NA	0.0000044 J	NA
2,3,4,6,7,8-HxCDF	0.0000042 J	NA	ND(0.00000025)	NA	0.000029	NA
HxCDFs (total)	0.00012	NA	ND(0.00000079)	NA	0.0011	NA
1,2,3,4,6,7,8-HpCDF	0.000033	NA	ND(0.00000030)	NA	0.00027	NA
1,2,3,4,7,8,9-HpCDF	0.0000083	NA	ND(0.00000025)	NA	0.000096	NA
HpCDFs (total)	0.000064	NA	ND(0.00000030)	NA	0.00052	NA
OCDF	0.000040	NA	ND(0.00000081)	NA	0.00028	NA

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

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

Parameter / Location ID:	N2SC-04	N2SC-04	N2SC-05	N2SC-05	N2SC-06	N2SC-06
Sample ID:	N2SC-04-CS1015	N2SC-04-SS09	N2SC-05-CS1015	N2SC-05-SS08	N2SC-06-CS1015	N2SC-06-SS09
Sample Depth(Feet):	10-15	14-15	10-15	12-14	10-15	14-15
Date Collected:	11/04/98	11/04/98	11/05/98	11/05/98	10/28/98	10/28/98
Dioxins						
2,3,7,8-TCDD	0.00000069 J	NA	ND(0.00000033)	NA	ND(0.0000012)	NA
TCDDs (total)	0.0000036	NA	ND(0.00000033)	NA	0.000024	NA
1,2,3,7,8-PeCDD	ND(0.0000011)	NA	ND(0.00000059)	NA	ND(0.0000026)	NA
PeCDDs (total)	ND(0.0000046)	NA	ND(0.0000022)	NA	0.0000048	NA
1,2,3,4,7,8-HxCDD	ND(0.00000071)	NA	ND(0.00000052)	NA	ND(0.0000019)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000019)	NA	ND(0.00000046)	NA	0.0000041 J	NA
1,2,3,7,8,9-HxCDD	ND(0.0000016)	NA	ND(0.00000050)	NA	0.0000075	NA
HxCDDs (total)	0.0000077	NA	ND(0.00000052)	NA	0.000059	NA
1,2,3,4,6,7,8-HpCDD	0.0000048 J	NA	ND(0.00000043)	NA	0.000029	NA
HpCDDs (total)	0.000011	NA	ND(0.00000043)	NA	0.000064	NA
OCDD	0.000012 J	NA	ND(0.0000024)	NA	0.000090	NA
Total TEQs (WHO TEFs)	0.000015	NA	0.00000083	NA	0.00010	NA
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	0.250 B	NA	0.350 B	NA	0.730 B	NA
Arsenic	1.30	NA	1.40 B	NA	2.40	NA
Barium	323	NA	21.2 B	NA	43.8	NA
Beryllium	0.170 B	NA	0.220 B	NA	0.260 B	NA
Cadmium	0.0410 B	NA	0.0590 B	NA	0.390 B	NA
Calcium	NA	NA	NA	NA	NA	NA
Chromium	6.50	NA	7.50	NA	12.6	NA
Cobalt	6.00 B	NA	6.60 B	NA	8.60	NA
Copper	9.10	NA	8.20	NA	167	NA
Cyanide	ND(3.10)	NA	ND(3.70)	NA	ND(3.20)	NA
Iron	NA	NA	NA	NA	NA	NA
Lead	117	NA	4.10	NA	94.5	NA
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	0.0260 B	NA	0.0240 B	NA	0.210	NA
Nickel	8.40	NA	9.60	NA	13.0	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(0.630)	NA	0.540 B	NA	0.300 B	NA
Silver	ND(1.30)	NA	ND(1.50)	NA	0.0900 B	NA
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	811	NA	539	NA	ND(252)	NA
Thallium	ND(1.30)	NA	0.840 B	NA	1.20 B	NA
Tin	ND(12.5)	NA	ND(14.7)	NA	13.3	NA
Vanadium	5.70 B	NA	7.00 B	NA	9.70	NA
Zinc	61.7	NA	41.6	NA	201	NA
Conventional Parameters						
Total Phenols	NA	NA	NA	NA	NA	NA

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

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

Parameter / Location ID:	N2SC-07	N2SC-07	N2SC-08	N2SC-08	N2SC-09	N2SC-09
Sample ID:	N2SC-07-CS1015	N2SC-07-SS09	N2SC-08-CS0610	N2SC-08-SS06	N2SC-09-CS1015	N2SC-09-SS09
Sample Depth(Feet):	10-15	14-15	6-10	8-10	10-15	8-10
Date Collected:	11/06/98	11/06/98	04/02/99	04/02/99	04/01/99	04/01/99
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,1,2,2-Tetrachloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,1-Dichloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,1-Dichloroethene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,2,3-Trichloropropane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,2-Dibromo-3-chloropropane	NA	ND(0.022)	NA	ND(0.0050)	NA	ND(0.0051)
1,2-Dibromoethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,2-Dichloroethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
1,4-Dioxane	NA	ND(1.1)	NA	ND(0.20)	NA	ND(0.20)
2-Butanone	NA	ND(0.044)	NA	ND(0.10)	NA	ND(0.10)
2-Chloro-1,3-butadiene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
2-Chloroethylvinylether	NA	ND(0.11)	NA	ND(0.0050)	NA	ND(0.0051)
2-Hexanone	NA	ND(0.044)	NA	ND(0.010)	NA	ND(0.010)
3-Chloropropene	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
4-Methyl-2-pentanone	NA	ND(0.044)	NA	ND(0.010)	NA	ND(0.010)
Acetone	NA	0.13	NA	ND(0.10)	NA	ND(0.10)
Acetonitrile	NA	ND(0.22)	NA	ND(0.10)	NA	ND(0.10)
Acrolein	NA	ND(0.22)	NA	ND(0.10)	NA	ND(0.10)
Acrylonitrile	NA	ND(0.22)	NA	ND(0.010)	NA	ND(0.010)
Benzene	NA	0.0043 J	NA	ND(0.0050)	NA	0.20
Bromodichloromethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Bromoform	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Bromomethane	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
Carbon Disulfide	NA	ND(0.011)	NA	ND(0.010)	NA	ND(0.010)
Carbon Tetrachloride	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Chlorobenzene	NA	0.16	NA	ND(0.0050)	NA	1.3 E
Chloroethane	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
Chloroform	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Chloromethane	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
cis-1,2-Dichloroethene	NA	0.11	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Dibromomethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Dichlorodifluoromethane	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
Ethyl Methacrylate	NA	ND(0.011)	NA	ND(0.010)	NA	ND(0.010)
Ethylbenzene	NA	ND(0.011)	NA	ND(0.0050)	NA	0.19
Iodomethane	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Isobutanol	NA	ND(0.44)	NA	ND(0.20)	NA	ND(0.20)
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	ND(0.011)	NA	ND(0.010)	NA	ND(0.010)
Methyl Methacrylate	NA	ND(0.011)	NA	ND(0.010)	NA	ND(0.010)
Methylene Chloride	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Pentachloroethane	NA	NA	NA	NA	NA	NA
Propionitrile	NA	ND(0.044)	NA	ND(0.050)	NA	ND(0.050)
Pyridine	NA	NA	NA	NA	NA	NA
Styrene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Tetrachloroethene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
Toluene	NA	0.0042 J	NA	ND(0.0050)	NA	0.020
trans-1,2-Dichloroethene	NA	ND(0.0056)	NA	ND(0.0050)	NA	ND(0.0051)
trans-1,3-Dichloropropene	NA	ND(0.011)	NA	ND(0.0050)	NA	ND(0.0051)
trans-1,4-Dichloro-2-butene	NA	ND(0.011)	NA	ND(0.010)	NA	ND(0.010)
Trichloroethene	NA	ND(0.011)	NA	0.013	NA	ND(0.0051)
Trichlorofluoromethane	NA	ND(0.022)	NA	ND(0.0050)	NA	ND(0.0051)
Vinyl Acetate	NA	ND(0.022)	NA	ND(0.010)	NA	ND(0.010)
Vinyl Chloride	NA	0.031	NA	ND(0.010)	NA	ND(0.010)
Xylenes (total)	NA	ND(0.011)	NA	ND(0.0050)	NA	1.9 E

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-07 N2SC-07-CS1015 10-15 11/06/98	N2SC-07 N2SC-07-SS09 14-15 11/06/98	N2SC-08 N2SC-08-CS0610 6-10 04/02/99	N2SC-08 N2SC-08-SS06 8-10 04/02/99	N2SC-09 N2SC-09-CS1015 10-15 04/01/99	N2SC-09 N2SC-09-SS09 8-10 04/01/99
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	ND(0.44)	NA	NA	NA	ND(0.47)	NA
1,2,4-Trichlorobenzene	ND(0.44)	NA	NA	NA	3.7	NA
1,2-Dichlorobenzene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
1,2-Diphenylhydrazine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(2.1)	NA	NA	NA	ND(0.93)	NA
1,3-Dichlorobenzene	ND(0.44)	NA	NA	NA	0.57	NA
1,3-Dinitrobenzene	ND(0.44)	NA	NA	NA	ND(2.3)	NA
1,4-Dichlorobenzene	ND(0.44)	NA	NA	NA	3.0	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.1)	NA	NA	NA	ND(2.3)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.44)	NA	NA	NA	ND(2.3)	NA
2,3,4,6-Tetrachlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,4,5-Trichlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,4,6-Trichlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,4-Dichlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,4-Dimethylphenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,4-Dinitrophenol	ND(2.1)	NA	NA	NA	ND(2.3)	NA
2,4-Dinitrotoluene	ND(0.44)	NA	NA	NA	ND(2.3)	NA
2,6-Dichlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2,6-Dinitrotoluene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2-Acetylaminofluorene	ND(0.87)	NA	NA	NA	ND(0.93)	NA
2-Chloronaphthalene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2-Chlorophenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2-Methylnaphthalene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2-Methylphenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
2-Naphthylamine	ND(0.44)	NA	NA	NA	ND(2.3)	NA
2-Nitroaniline	ND(2.1)	NA	NA	NA	ND(2.3)	NA
2-Nitrophenol	ND(0.44)	NA	NA	NA	ND(0.93)	NA
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	ND(0.87)	NA	NA	NA	ND(0.47)	NA
3&4-Methylphenol	ND(0.44)	NA	NA	NA	ND(0.93)	NA
3,3'-Dichlorobenzidine	ND(2.1)	NA	NA	NA	ND(2.3)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(2.1)	NA	NA	NA	ND(2.3)	NA
3-Methylcholanthrene	ND(0.87)	NA	NA	NA	ND(0.93)	NA
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ND(2.1)	NA	NA	NA	ND(2.3)	NA
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	ND(2.1)	NA	NA	NA	ND(0.47)	NA
4-Aminobiphenyl	ND(2.1)	NA	NA	NA	ND(0.93)	NA
4-Bromophenyl-phenylether	ND(0.44)	NA	NA	NA	ND(0.47)	NA
4-Chloro-3-Methylphenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
4-Chloroaniline	ND(0.44)	NA	NA	NA	ND(0.93)	NA
4-Chlorobenzilate	ND(0.44)	NA	NA	NA	ND(2.3)	NA
4-Chlorophenyl-phenylether	ND(0.44)	NA	NA	NA	ND(0.47)	NA
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ND(2.1)	NA	NA	NA	ND(2.3)	NA
4-Nitrophenol	ND(2.1)	NA	NA	NA	ND(2.3)	NA
4-Nitroquinoline-1-oxide	ND(4.4)	NA	NA	NA	ND(2.3)	NA
4-Phenylenediamine	ND(4.4)	NA	NA	NA	ND(2.3)	NA
5-Nitro-o-toluidine	ND(0.87)	NA	NA	NA	ND(2.3)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.87)	NA	NA	NA	ND(0.93)	NA
a,a'-Dimethylphenethylamine	ND(2.1)	NA	NA	NA	ND(2.3)	NA
Acenaphthene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Acenaphthylene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Acetophenone	ND(0.44)	NA	NA	NA	ND(0.47)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-07 N2SC-07-CS1015 10-15 11/06/98	N2SC-07 N2SC-07-SS09 14-15 11/06/98	N2SC-08 N2SC-08-CS0610 6-10 04/02/99	N2SC-08 N2SC-08-SS06 8-10 04/02/99	N2SC-09 N2SC-09-CS1015 10-15 04/01/99	N2SC-09 N2SC-09-SS09 8-10 04/01/99
Semivolatile Organics(continued)						
Aniline	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Anthracene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Aramite	ND(2.1)	NA	NA	NA	ND(0.93)	NA
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	ND(4.4)	NA	NA	NA	ND(0.93)	NA
Benzo(a)anthracene	0.037 J	NA	NA	NA	ND(0.47)	NA
Benzo(a)pyrene	0.052 J	NA	NA	NA	ND(0.47)	NA
Benzo(b)fluoranthene	0.045 J	NA	NA	NA	ND(0.47)	NA
Benzo(g,h,i)perylene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Benzo(k)fluoranthene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.44)	NA	NA	NA	ND(0.93)	NA
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.44)	NA	NA	NA	ND(0.47)	NA
bis(2-Chloroethyl)ether	ND(0.44)	NA	NA	NA	ND(0.47)	NA
bis(2-Chloroisopropyl)ether	ND(0.44)	NA	NA	NA	ND(0.47)	NA
bis(2-Ethylhexyl)phthalate	0.45	NA	NA	NA	ND(0.47)	NA
Butylbenzylphthalate	ND(0.44)	NA	NA	NA	ND(0.93)	NA
Chrysene	0.045 J	NA	NA	NA	ND(0.47)	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	ND(0.87)	NA	NA	NA	ND(0.93)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.44)	NA	NA	NA	ND(0.93)	NA
Dibenzofuran	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Diethylphthalate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Dimethylphthalate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Di-n-Butylphthalate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Di-n-Octylphthalate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Diphenylamine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Ethyl Methanesulfonate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Fluoranthene	0.044 J	NA	NA	NA	ND(0.47)	NA
Fluorene	ND(0.17)	NA	NA	NA	ND(0.47)	NA
Hexachlorobenzene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Hexachlorobutadiene	ND(0.44)	NA	NA	NA	ND(0.93)	NA
Hexachlorocyclopentadiene	ND(2.1)	NA	NA	NA	ND(0.47)	NA
Hexachloroethane	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Hexachlorophene	NA	NA	NA	NA	ND(9.3)	NA
Hexachloropropene	ND(1.7)	NA	NA	NA	ND(0.47)	NA
Indeno(1,2,3-cd)pyrene	ND(0.44)	NA	NA	NA	ND(0.93)	NA
Isodrin	NA	NA	NA	NA	ND(0.47)	NA
Isophorone	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Isosafrole	ND(0.87)	NA	NA	NA	ND(0.93)	NA
Methapyrilene	ND(2.1)	NA	NA	NA	ND(2.3)	NA
Methyl Methanesulfonate	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Naphthalene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Nitrobenzene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
N-Nitrosodiethylamine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
N-Nitrosodimethylamine	ND(0.44)	NA	NA	NA	ND(0.93)	NA
N-Nitroso-di-n-butylamine	ND(0.44)	NA	NA	NA	ND(0.93)	NA
N-Nitroso-di-n-propylamine	ND(0.44)	NA	NA	NA	ND(0.93)	NA
N-Nitrosodiphenylamine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
N-Nitrosomethylethylamine	ND(0.44)	NA	NA	NA	ND(0.93)	NA
N-Nitrosomorpholine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
N-Nitrosopiperidine	ND(0.44)	NA	NA	NA	ND(0.47)	NA
N-Nitrosopyrrolidine	ND(0.44)	NA	NA	NA	ND(0.93)	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	ND(0.47)	NA
o-Toluidine	ND(0.87)	NA	NA	NA	ND(0.47)	NA
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.87)	NA	NA	NA	ND(2.3)	NA
Pentachlorobenzene	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Pentachloroethane	ND(2.1)	NA	NA	NA	ND(0.47)	NA
Pentachloronitrobenzene	ND(2.1)	NA	NA	NA	ND(2.3)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-07 N2SC-07-CS1015 10-15 11/06/98	N2SC-07 N2SC-07-SS09 14-15 11/06/98	N2SC-08 N2SC-08-CS0610 6-10 04/02/99	N2SC-08 N2SC-08-SS06 8-10 04/02/99	N2SC-09 N2SC-09-CS1015 10-15 04/01/99	N2SC-09 N2SC-09-SS09 8-10 04/01/99
Semivolatile Organics(continued)						
Pentachlorophenol	ND(2.1)	NA	NA	NA	ND(2.3)	NA
Phenacetin	ND(0.87)	NA	NA	NA	ND(2.3)	NA
Phenanthrene	0.038 J	NA	NA	NA	ND(0.47)	NA
Phenol	ND(0.44)	NA	NA	NA	ND(0.47)	NA
Pronamide	ND(0.87)	NA	NA	NA	ND(0.47)	NA
Pyrene	0.072 J	NA	NA	NA	ND(0.47)	NA
Pyridine	ND(0.87)	NA	NA	NA	ND(0.47)	NA
Safrole	ND(0.87)	NA	NA	NA	ND(0.47)	NA
Thionazin	NA	NA	NA	NA	ND(0.47)	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
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
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	ND(0.87)	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000022 Y	NA	0.000065	NA	0.0010	NA
TCDFs (total)	0.00029	NA	0.00055	NA	0.0061	NA
1,2,3,7,8-PeCDF	0.000022	NA	0.000039	NA	0.00052	NA
2,3,4,7,8-PeCDF	0.000026	NA	0.000053	NA	0.0018	NA
PeCDFs (total)	0.00033	NA	0.00063	NA	0.016	NA
1,2,3,4,7,8-HxCDF	0.000054	NA	0.00016	NA	0.0080	NA
1,2,3,6,7,8-HxCDF	0.000041	NA	0.000069	NA	0.0035	NA
1,2,3,7,8,9-HxCDF	ND(0.00000064)	NA	0.000022	NA	0.0017	NA
2,3,4,6,7,8-HxCDF	0.0000076	NA	ND(0.0000017)	NA	0.00019	NA
HxCDFs (total)	0.00022	NA	0.00069	NA	0.025	NA
1,2,3,4,6,7,8-HpCDF	0.000038	NA	0.00071	NA	0.0031	NA
1,2,3,4,7,8,9-HpCDF	0.000015	NA	0.000046	NA	0.0025	NA
HpCDFs (total)	0.000076	NA	0.0013	NA	0.0091	NA
OCDF	0.000032	NA	0.00037	NA	0.0034	NA

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

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

Parameter / Location ID	N2SC-07	N2SC-07	N2SC-08	N2SC-08	N2SC-09	N2SC-09
Sample ID:	N2SC-07-CS1015	N2SC-07-SS09	N2SC-08-CS0610	N2SC-08-SS06	N2SC-09-CS1015	N2SC-09-SS09
Sample Depth(Feet):	10-15	14-15	6-10	8-10	10-15	8-10
Date Collected:	11/06/98	11/06/98	04/02/99	04/02/99	04/01/99	04/01/99
Dioxins						
2,3,7,8-TCDD	ND(0.00000046)	NA	ND(0.00000050)	NA	0.0000017	NA
TCDDs (total)	0.00000081	NA	ND(0.00000050)	NA	0.00024	NA
1,2,3,7,8-PeCDD	ND(0.0000011)	NA	ND(0.0000013)	NA	0.000053	NA
PeCDDs (total)	ND(0.0000038)	NA	ND(0.0000013)	NA	0.00031	NA
1,2,3,4,7,8-HxCDD	ND(0.00000063)	NA	ND(0.0000019)	NA	0.000021	NA
1,2,3,6,7,8-HxCDD	ND(0.0000012)	NA	ND(0.0000022)	NA	0.000047	NA
1,2,3,7,8,9-HxCDD	ND(0.0000026)	NA	ND(0.0000020)	NA	0.000034	NA
HxCDDs (total)	0.0000053	NA	ND(0.0000022)	NA	0.00055	NA
1,2,3,4,6,7,8-HpCDD	0.0000051 J	NA	ND(0.000011)	NA	0.00015	NA
HpCDDs (total)	0.000012	NA	ND(0.000011)	NA	0.00045	NA
OCDD	0.000010 J	NA	ND(0.0000062)	NA	0.00027	NA
Total TEQs (WHO TEFs)	0.000028	NA	0.000069	NA	0.0025	NA
Inorganics						
Aluminum	NA	NA	4430	NA	5750	NA
Antimony	ND(1.30)	NA	ND(12.7)	NA	ND(14.0)	NA
Arsenic	2.60	NA	2.30	NA	2.90	NA
Barium	15.2 B	NA	15.2	NA	52.2	NA
Beryllium	0.190 B	NA	ND(1.30)	NA	ND(1.40)	NA
Cadmium	0.0600 B	NA	ND(1.30)	NA	ND(1.40)	NA
Calcium	NA	NA	4510	NA	10700	NA
Chromium	7.50	NA	6.80	NA	18.2	NA
Cobalt	7.30	NA	ND(12.7)	NA	ND(14.0)	NA
Copper	10.5	NA	14.8	NA	65.4	NA
Cyanide	ND(3.30)	NA	ND(1.30)	NA	ND(2.80)	NA
Iron	NA	NA	12100	NA	12400	NA
Lead	7.60	NA	ND(25.3)	NA	30.2	NA
Magnesium	NA	NA	4260	NA	6040	NA
Manganese	NA	NA	171	NA	166	NA
Mercury	0.0200 B	NA	ND(0.250)	NA	0.220	NA
Nickel	10.5	NA	13.3	NA	14.7	NA
Potassium	NA	NA	ND(1270)	NA	ND(1400)	NA
Selenium	0.280 B	NA	ND(1.30)	NA	ND(1.40)	NA
Silver	ND(1.30)	NA	ND(2.50)	NA	ND(2.80)	NA
Sodium	NA	NA	ND(253)	NA	128	NA
Sulfide	ND(265)	NA	21.5	NA	98.2	NA
Thallium	0.950 B	NA	ND(2.50)	NA	ND(2.80)	NA
Tin	ND(13.2)	NA	NA	NA	NA	NA
Vanadium	6.80	NA	ND(12.7)	NA	ND(14.0)	NA
Zinc	44.5	NA	37.2	NA	210	NA
Conventional Parameters						
Total Phenols	NA	NA	NA	NA	NA	NA

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

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

Location ID:	N2SC-10	N2SC-10	NS-1A	NS-2A	NS-2A	NS-5	NS-6
Sample ID:	N2SC-10-CS1015	N2SC-10-SS07	RN1AB1214	RN2AB1214	RN2AB1416	RN05B0204	RN06B0406
Sample Depth(Feet):	10-15	10-12	12-14	12-14	14-16	2-4	4-6
Parameter Date Collected:	04/14/99	04/14/99	05/23/91	11/12/91	11/12/91	05/22/91	11/12/91
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0050)	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	ND(0.0060)	ND(0.013)	ND(0.011)	ND(0.011)
1,1,1-Trichloroethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,1,2,2-Tetrachloroethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	ND(0.0060)	ND(0.013)	0.0010 JB	ND(0.011)
1,1,2-Trichloroethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,1-Dichloroethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,1-Dichloroethene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2,3-Trichloropropane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.019)	ND(0.016)	ND(0.017)
1,2-Dibromo-3-chloropropane	NA	ND(0.0050)	NA	ND(0.0060)	ND(0.013)	ND(0.011)	ND(0.011)
1,2-Dibromoethane	NA	ND(0.0050)	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2-Dichloroethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2-Dichloroethene (total)	NA	NA	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2-Dichloropropane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,4-Dioxane	NA	ND(0.20)	NA	NA	NA	NA	NA
2-Butanone	NA	ND(0.10)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	NA	ND(0.0050)	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	ND(0.0050)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
2-Hexanone	NA	ND(0.010)	NA	ND(0.012)	ND(0.019)	ND(0.016)	ND(0.017)
3-Chloropropene	NA	ND(0.010)	NA	ND(0.0060)	ND(0.019)	ND(0.016)	ND(0.017)
4-Methyl-2-pentanone	NA	ND(0.010)	NA	ND(0.012)	ND(0.019)	ND(0.016)	ND(0.017)
Acetone	NA	ND(0.10)	NA	0.019 B	0.037 B	0.0090 JB	0.035 B
Acetonitrile	NA	ND(0.10)	NA	NA	NA	NA	NA
Acrolein	NA	ND(0.10)	NA	ND(0.11)	ND(0.11)	ND(0.098)	ND(0.10)
Acrylonitrile	NA	ND(0.010)	NA	ND(0.15)	ND(0.15)	ND(0.13)	ND(0.14)
Benzene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Bromodichloromethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Bromoform	NA	ND(0.0050)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
Bromomethane	NA	ND(0.010)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Carbon Disulfide	NA	ND(0.010)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Carbon Tetrachloride	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chlorobenzene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chloroethane	NA	ND(0.010)	NA	ND(0.012)	ND(0.013)	0.0090 B	ND(0.011)
Chloroform	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chloromethane	NA	ND(0.010)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
cis-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0060)	ND(0.019)	ND(0.016)	ND(0.017)
Crotonaldehyde	NA	NA	NA	ND(0.0060)	ND(0.13)	ND(0.11)	ND(0.11)
Dibromochloromethane	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Dibromomethane	NA	ND(0.0050)	NA	ND(0.0060)	ND(0.013)	ND(0.011)	ND(0.011)
Dichlorodifluoromethane	NA	ND(0.010)	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	ND(0.010)	NA	ND(0.0060)	ND(0.013)	ND(0.011)	ND(0.011)
Ethylbenzene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Iodomethane	NA	ND(0.0050)	NA	ND(0.12)	ND(0.013)	ND(0.011)	ND(0.011)
Isobutanol	NA	ND(0.20)	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	ND(0.010)	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	ND(0.010)	NA	NA	NA	NA	NA
Methylene Chloride	NA	ND(0.0050)	NA	0.051 B	0.023 B	ND(0.0050)	0.030 B
Pentachloroethane	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	ND(0.050)	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA	NA	NA
Styrene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Tetrachloroethene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Toluene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
trans-1,2-Dichloroethene	NA	ND(0.0050)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	ND(0.010)	NA	ND(0.0060)	ND(0.019)	ND(0.016)	ND(0.017)
Trichloroethene	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Trichlorofluoromethane	NA	ND(0.0050)	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Vinyl Acetate	NA	ND(0.010)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
Vinyl Chloride	NA	ND(0.010)	NA	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.011)
Xylenes (total)	NA	ND(0.0050)	NA	ND(0.012)	ND(0.0060)	ND(0.0050)	ND(0.0060)

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

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

Parameter / Location ID:	N2SC-10	N2SC-10	NS-1A	NS-2A	NS-2A	NS-5	NS-6
Sample ID:	N2SC-10-CS1015	N2SC-10-SS07	RN1AB1214	RN2AB1214	RN2AB1416	RN05B0204	RN06B0406
Sample Depth(Feet):	10-15	10-12	12-14	12-14	14-16	2-4	4-6
Date Collected:	04/14/99	04/14/99	05/23/91	11/12/91	11/12/91	05/22/91	11/12/91
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	ND(0.41)	0.14 J	ND(0.36)	0.15 J
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	ND(0.41)	0.055 JZ	ND(0.36)	ND(1.1)
1,2,3-Trichlorobenzene	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	0.16 J
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	NA	ND(0.41)	0.055 JZ	ND(0.36)	ND(1.1)
1,2,4-Trichlorobenzene	ND(0.37)	NA	NA	ND(0.41)	0.11 J	ND(0.36)	1.2
1,2-Dichlorobenzene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1,2-Diphenylhydrazine	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1,3,5-Trichlorobenzene	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1,3,5-Trinitrobenzene	ND(0.75)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
1,3-Dichlorobenzene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1,3-Dinitrobenzene	ND(1.9)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1,4-Dinitrobenzene	NA	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
1,4-Naphthoquinone	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
1-Chloronaphthalene	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
1-Methylnaphthalene	NA	NA	NA	ND(0.41)	0.063 J	0.063 J	1.7
1-Naphthylamine	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2,3,4,6-Tetrachlorophenol	ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2,4,5-Trichlorophenol	ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2,4,6-Trichlorophenol	ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2,4-Dichlorophenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2,4-Dimethylphenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	0.061 J	ND(1.1)
2,4-Dinitrophenol	ND(1.9)	NA	NA	ND(1.6)	ND(1.6)	ND(1.4)	ND(4.5)
2,4-Dinitrotoluene	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2,6-Dichlorophenol	ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2,6-Dinitrotoluene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Acetylaminofluorene	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Chloronaphthalene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Chlorophenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Methylnaphthalene	ND(0.37)	NA	NA	0.086 J	ND(0.42)	0.048 J	1.7
2-Methylphenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Naphthylamine	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
2-Nitroaniline	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Nitrophenol	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Phenylenediamine	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
2-Picoline	ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
3&4-Methylphenol	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	0.097 J	ND(1.1)
3,3'-Dichlorobenzidine	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
3,3'-Dimethoxybenzidine	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
3,3'-Dimethylbenzidine	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
3-Methylcholanthrene	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
3-Phenylenediamine	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4,6-Dinitro-2-methylphenol	ND(0.37)	NA	NA	ND(1.2)	ND(1.3)	ND(1.1)	ND(3.4)
4-Aminobiphenyl	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Bromophenyl-phenylether	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Chloro-3-Methylphenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Chloroaniline	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Chlorobenzilate	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Chlorophenyl-phenylether	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
4-Nitrophenol	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
4-Nitroquinoline-1-oxide	ND(1.9)	NA	NA	NA	NA	NA	NA
4-Phenylenediamine	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
5-Nitro-o-toluidine	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
7,12-Dimethylbenz(a)anthracene	ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
a,a'-Dimethylphenethylamine	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Acenaphthene	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	0.11 J	4.4
Acenaphthylene	ND(0.37)	NA	NA	0.048 J	ND(0.42)	ND(0.36)	0.13 J
Acetophenone	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-10 N2SC-10-CS1015 10-15 04/14/99	N2SC-10 N2SC-10-SS07 10-12 04/14/99	NS-1A RN1AB1214 12-14 05/23/91	NS-2A RN2AB1214 12-14 11/12/91	NS-2A RN2AB1416 14-16 11/12/91	NS-5 RN05B0204 2-4 05/22/91	NS-6 RN06B0406 4-6 11/12/91
Semivolatile Organics(continued)								
Aniline		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	0.70	ND(1.1)
Anthracene		ND(0.37)	NA	NA	ND(0.41)	0.051 J	0.23 J	3.6
Aramite		ND(0.75)	NA	NA	NA	NA	NA	NA
Benzal chloride		NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Benzidine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Benzo(a)anthracene		ND(0.37)	NA	NA	0.069 J	0.13 J	0.58	ND(1.1)
Benzo(a)pyrene		ND(0.37)	NA	NA	0.076 J	0.11 J	0.44	2.2
Benzo(b)fluoranthene		ND(0.37)	NA	NA	0.11 JZ	0.20 JZ	1.1 Z	5.1 Z
Benzo(g,h,i)perylene		ND(0.37)	NA	NA	0.046 J	0.089 J	0.27 J	1.4
Benzo(k)fluoranthene		ND(0.37)	NA	NA	0.11 JZ	0.20 JZ	1.1 Z	5.1 Z
Benzoic Acid		NA	NA	NA	ND(4.1)	ND(4.2)	ND(3.6)	ND(11)
Benzotrichloride		NA	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
Benzyl Alcohol		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Benzyl Chloride		NA	NA	NA	NA	NA	ND(0.36)	NA
bis(2-Chloroethoxy)methane		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
bis(2-Chloroethyl)ether		ND(0.37)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
bis(2-Chloroisopropyl)ether		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
bis(2-Ethylhexyl)phthalate		ND(0.37)	NA	NA	0.095 J	0.063 J	0.16 JB	0.36 J
Butylbenzylphthalate		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Chrysene		ND(0.37)	NA	NA	0.072 J	0.097 J	0.59	3.6
Cyclophosphamide		NA	NA	NA	ND(2.0)	ND(2.0)	ND(1.7)	ND(5.5)
Diallate		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Dibenz(a,j)acridine		NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Dibenzo(a,h)anthracene		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	0.14 J	0.64 J
Dibenzofuran		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	0.083 J	2.8
Diethylphthalate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Dimethylphthalate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Di-n-Butylphthalate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Di-n-Octylphthalate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Diphenylamine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Ethyl Methanesulfonate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Fluoranthene		ND(0.37)	NA	NA	0.091 J	ND(0.42)	1.3	10
Fluorene		ND(0.37)	NA	NA	ND(0.41)	0.045 J	0.091 J	5.3
Hexachlorobenzene		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Hexachlorobutadiene		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Hexachlorocyclopentadiene		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Hexachloroethane		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Hexachlorophene		ND(7.5)	NA	NA	NA	NA	NA	NA
Hexachloropropene		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Indeno(1,2,3-cd)pyrene		ND(0.75)	NA	NA	ND(0.41)	0.066 J	0.25 J	1.2
Isodrin		ND(0.37)	NA	NA	NA	NA	NA	NA
Isophorone		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Isosafrole		ND(0.75)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
Methapyrilene		ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
Methyl Methanesulfonate		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Naphthalene		ND(0.37)	NA	NA	0.20 J	0.075 J	0.092 J	3.5
Nitrobenzene		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosodiethylamine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosodimethylamine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitroso-di-n-butylamine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitroso-di-n-propylamine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosodiphenylamine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosomethylethylamine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosomorpholine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosopiperidine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
N-Nitrosopyrrolidine		ND(0.75)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
o,o,o-Triethylphosphorothioate		ND(0.37)	NA	NA	NA	NA	NA	NA
o-Toluidine		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Paraldehyde		NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
p-Dimethylaminoazobenzene		ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Pentachlorobenzene		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Pentachloroethane		ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Pentachloronitrobenzene		ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	N2SC-10 N2SC-10-CS1015 10-15 04/14/99	N2SC-10 N2SC-10-SS07 10-12 04/14/99	NS-1A RN1AB1214 12-14 05/23/91	NS-2A RN2AB1214 12-14 11/12/91	NS-2A RN2AB1416 14-16 11/12/91	NS-5 RN05B0204 2-4 05/22/91	NS-6 RN06B0406 4-6 11/12/91
Semivolatile Organics(continued)							
Pentachlorophenol	ND(1.9)	NA	NA	ND(0.82)	ND(0.84)	ND(0.72)	ND(2.3)
Phenacetin	ND(1.9)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Phenanthrene	ND(0.37)	NA	NA	0.17 J	0.25 J	1.3	16
Phenol	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	0.17 J	ND(1.1)
Pronamide	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Pyrene	ND(0.37)	NA	NA	0.11 J	ND(0.42)	0.99	7.3
Pyridine	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Safrole	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Thionazin	ND(0.37)	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(1.1)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	ND(0.020)	NA	NA	ND(0.0038)	ND(0.20)
4,4'-DDE	NA	NA	ND(0.020)	NA	NA	ND(0.0038)	ND(0.20)
4,4'-DDT	NA	NA	ND(0.020)	NA	NA	ND(0.0038)	ND(0.20)
Aldrin	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Alpha-BHC	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Beta-BHC	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Delta-BHC	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Dieldrin	NA	NA	ND(0.0084)	NA	NA	ND(0.0016)	ND(0.085)
Endosulfan I	NA	NA	ND(0.0084)	NA	NA	ND(0.0016)	ND(0.085)
Endosulfan II	NA	NA	ND(0.020)	NA	NA	ND(0.0038)	ND(0.20)
Endosulfan Sulfate	NA	NA	ND(0.011)	NA	NA	ND(0.0022)	ND(0.11)
Endrin	NA	NA	ND(0.014)	NA	NA	ND(0.0027)	ND(0.14)
Endrin Aldehyde	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Gamma-BHC (Lindane)	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Heptachlor	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Heptachlor Epoxide	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Kepone	NA	NA	ND(0.0056)	NA	NA	ND(0.0011)	ND(0.057)
Methoxychlor	NA	NA	ND(0.020)	NA	NA	ND(0.0038)	ND(0.20)
Technical Chlordane	NA	NA	ND(0.023)	NA	NA	ND(0.0043)	ND(0.23)
Toxaphene	NA	NA	ND(0.11)	NA	NA	ND(0.022)	ND(1.1)
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	ND(0.41)	ND(0.42)	ND(0.36)	ND(0.012)
Disulfoton	NA	NA	NA	NA	NA	NA	ND(0.012)
Ethyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.012)
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	ND(0.012)
Phorate	NA	NA	NA	NA	NA	NA	ND(0.012)
Sulfotep	NA	NA	NA	NA	NA	NA	ND(0.012)
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	ND(0.025)	ND(0.029)
2,4,5-TP	NA	NA	NA	NA	NA	ND(0.025)	ND(0.029)
2,4-D	NA	NA	NA	NA	NA	ND(0.10)	ND(0.11)
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
TCDFs (total)	ND(0.0000028)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,7,8-PeCDF	ND(0.0000011)	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000011)	NA	NA	NA	NA	NA	NA
PeCDFs (total)	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,4,7,8-HxCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
HxCDFs (total)	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,4,6,7,8-HpCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000028)	NA	NA	NA	NA	NA	NA
HpCDFs (total)	ND(0.0000028)	NA	NA	NA	NA	Rejected	Rejected
OCDF	0.0000030 J	NA	NA	NA	NA	Rejected	Rejected

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

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

Parameter / Location ID:	N2SC-10	N2SC-10	NS-1A	NS-2A	NS-2A	NS-5	NS-6
Sample ID:	N2SC-10-CS1015	N2SC-10-SS07	RN1AB1214	RN2AB1214	RN2AB1416	RN05B0204	RN06B0406
Sample Depth(Feet):	10-15	10-12	12-14	12-14	14-16	2-4	4-6
Date Collected:	04/14/99	04/14/99	05/23/91	11/12/91	11/12/91	05/22/91	11/12/91
Dioxins							
2,3,7,8-TCDD	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
TCDDs (total)	ND(0.0000030)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,7,8-PeCDD	ND(0.0000011)	NA	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.000033)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,4,7,8-HxCDD	ND(0.0000028)	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000028)	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000028)	NA	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
1,2,3,4,6,7,8-HpCDD	ND(0.0000028)	NA	NA	NA	NA	NA	NA
HpCDDs (total)	ND(0.0000011)	NA	NA	NA	NA	Rejected	Rejected
OCDD	0.000033	NA	NA	NA	NA	Rejected	Rejected
Total TEQs (WHO TEFs)	0.0000026	NA	NA	NA	NA	NC	NC
Inorganics							
Aluminum	9660	NA	NA	NA	NA	8140	10700
Antimony	ND(11.3)	NA	NA	NA	NA	ND(2.70) N	7.90 N
Arsenic	7.80	NA	NA	NA	NA	2.90	10.2 AN
Barium	15.7	NA	NA	NA	NA	246 *	152
Beryllium	ND(1.10)	NA	NA	NA	NA	0.200 B	0.290 B
Cadmium	ND(1.10)	NA	NA	NA	NA	1.20	5.60
Calcium	1700	NA	NA	NA	NA	21500 E	25000
Chromium	11.0	NA	NA	NA	NA	25.4	62.4
Cobalt	11.7	NA	NA	NA	NA	8.70	11.9
Copper	31.5	NA	NA	NA	NA	193	1060
Cyanide	ND(1.10)	NA	NA	NA	NA	0.630	ND(0.580)
Iron	24800	NA	NA	NA	NA	18300 E	28400 E
Lead	ND(22.6)	NA	NA	NA	NA	271 *	520 N
Magnesium	4390	NA	NA	NA	NA	12000	11000
Manganese	637	NA	NA	NA	NA	405 E*	875
Mercury	NA	NA	NA	NA	NA	4.60	3.30 N*
Nickel	21.2	NA	NA	NA	NA	19.3	45.0
Potassium	ND(1130)	NA	NA	NA	NA	484 B	816
Selenium	ND(1.10)	NA	NA	NA	NA	ND(0.360) WN	ND(0.350) WN
Silver	ND(2.20)	NA	NA	NA	NA	ND(0.600) N	1.40 *
Sodium	ND(226)	NA	NA	NA	NA	268 B	280 B
Sulfide	18.1	NA	NA	NA	NA	NA	ND(11.5)
Thallium	ND(2.20)	NA	NA	NA	NA	ND(7.20) N	ND(0.230) W
Tin	NA	NA	NA	NA	NA	NA	NA
Vanadium	ND(11.3)	NA	NA	NA	NA	17.1	12.4
Zinc	60.5	NA	NA	NA	NA	986 E	806 E
Conventional Parameters							
Total Phenols	NA	NA	NA	NA	NA	0.19	0.31

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

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

Parameter / Location ID:	NS-7	NS-7	NS-8	NS-9	NS-9	NS-9	NS-10
Sample ID:	RN07B0204	RN07B1416	RN08B1214	RN09B0406	RN09B1214	RN09B1416	RN10B0810
Sample Depth(Feet):	2-4	14-16	12-14	4-6	12-14	14-16	8-10
Date Collected:	05/24/91	05/24/91	05/21/91	10/24/91	05/28/91	10/25/91	11/15/91
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.034)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.034)
1,1,1-Trichloroethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,1,2,2-Tetrachloroethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	2.0 JB	ND(0.014)	NA	0.0030 JB	ND(0.012)	ND(0.034)
1,1,2-Trichloroethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,1-Dichloroethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,1-Dichloroethene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,2,3-Trichloropropane	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.068)
1,2-Dibromo-3-chloropropane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.034)
1,2-Dibromoethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.034)
1,2-Dichloroethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,2-Dichloroethene (total)	NA	NR	0.016	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,2-Dichloropropane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
1,4-Dioxane	NA	NR	NA	NA	NA	NA	NA
2-Butanone	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
2-Chloro-1,3-butadiene	NA	NR	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
2-Hexanone	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.068)
3-Chloropropene	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.034)
4-Methyl-2-pentanone	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.068)
Acetone	NA	140 B	0.052 B	NA	0.039 B	0.087 B	0.26 B
Acetonitrile	NA	NR	NA	NA	NA	NA	NA
Acrolein	NA	NR	ND(0.12)	NA	ND(0.12)	ND(0.11)	ND(0.61)
Acrylonitrile	NA	NR	ND(0.16)	NA	ND(0.15)	ND(0.14)	ND(0.81)
Benzene	NA	NR	0.069	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Bromodichloromethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Bromoform	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
Bromomethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Carbon Disulfide	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Carbon Tetrachloride	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Chlorobenzene	NA	NR	0.21	NA	ND(0.0060)	ND(0.0060)	0.029 J
Chloroethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
Chloroform	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Chloromethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
cis-1,2-Dichloroethene	NA	NR	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
cis-1,4-Dichloro-2-butene	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.034)
Crotonaldehyde	NA	NR	ND(0.14)	NA	ND(0.13)	ND(0.12)	ND(0.034)
Dibromochloromethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Dibromomethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.034)
Dichlorodifluoromethane	NA	NR	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.034)
Ethylbenzene	NA	NR	0.0030 J	NA	ND(0.0060)	ND(0.0060)	0.020 J
Iodomethane	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.68)
Isobutanol	NA	NR	NA	NA	NA	NA	NA
m&p-Xylene	NA	NR	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NR	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NR	NA	NA	NA	NA	NA
Methylene Chloride	NA	63 B	0.029 B	NA	0.048 B	0.049 B	0.27 B
Pentachloroethane	NA	NR	NA	NA	NA	NA	NA
Propionitrile	NA	NR	NA	NA	NA	NA	NA
Pyridine	NA	NR	NA	NA	NA	NA	NA
Styrene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Tetrachloroethene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
Toluene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	0.010 J
trans-1,2-Dichloroethene	NA	NR	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.068)
trans-1,4-Dichloro-2-butene	NA	NR	ND(0.020)	NA	ND(0.019)	ND(0.018)	ND(0.034)
Trichloroethene	NA	NR	0.0080	NA	ND(0.0060)	ND(0.0060)	0.032 J
Trichlorofluoromethane	NA	NR	ND(0.0070)	NA	ND(0.0060)	ND(0.0060)	ND(0.034)
Vinyl Acetate	NA	NR	ND(0.014)	NA	ND(0.013)	ND(0.012)	ND(0.068)
Vinyl Chloride	NA	NR	0.0080 J	NA	ND(0.013)	ND(0.012)	ND(0.068)
Xylenes (total)	NA	NR	0.010	NA	ND(0.0060)	ND(0.0060)	0.42

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

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

Location ID:	NS-7	NS-7	NS-8	NS-9	NS-9	NS-9	NS-10
Sample ID:	RN07B0204	RN07B1416	RN08B1214	RN09B0406	RN09B1214	RN09B1416	RN10B0810
Sample Depth(Feet):	2-4	14-16	12-14	4-6	12-14	14-16	8-10
Parameter Date Collected:	05/24/91	05/24/91	05/21/91	10/24/91	05/28/91	10/25/91	11/15/91
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,2,3,5-Tetrachlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,2,3-Trichlorobenzene	NA	NA	0.12 J	NA	ND(0.42)	ND(0.39)	NR
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,2,4-Trichlorobenzene	NA	NA	0.37 J	NA	ND(0.42)	ND(0.39)	4.2 J
1,2-Dichlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,2-Diphenylhydrazine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,3,5-Trichlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,3,5-Trinitrobenzene	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
1,3-Dichlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1,3-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NR
1,4-Dichlorobenzene	NA	NA	0.096 J	NA	ND(0.42)	ND(0.39)	9.0 J
1,4-Dinitrobenzene	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
1,4-Naphthoquinone	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
1-Chloronaphthalene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
1-Methylnaphthalene	NA	NA	0.051 J	NA	ND(0.42)	ND(0.39)	NR
1-Naphthylamine	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2,4,5-Trichlorophenol	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2,4,6-Trichlorophenol	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2,4-Dichlorophenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2,4-Dimethylphenol	NA	NA	ND(0.44)	NA	0.061 J	ND(0.39)	NR
2,4-Dinitrophenol	NA	NA	ND(1.7)	NA	ND(1.6)	ND(1.5)	NR
2,4-Dinitrotoluene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2,6-Dichlorophenol	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2,6-Dinitrotoluene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Acetylaminofluorene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Chloronaphthalene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Chlorophenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Methylnaphthalene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Methylphenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Naphthylamine	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
2-Nitroaniline	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Nitrophenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Phenylenediamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
2-Picoline	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
3&4-Methylphenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
3,3'-Dichlorobenzidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
3,3'-Dimethoxybenzidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
3,3'-Dimethylbenzidine	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
3-Methylcholanthrene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
3-Methylphenol	NA	NA	NA	NA	0.054 JZ	NA	NR
3-Nitroaniline	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
3-Phenylenediamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4,6-Dinitro-2-methylphenol	NA	NA	ND(1.3)	NA	ND(1.3)	ND(1.2)	NR
4-Aminobiphenyl	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Bromophenyl-phenylether	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Chloro-3-Methylphenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Chloroaniline	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Chlorobenzilate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Chlorophenyl-phenylether	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Methylphenol	NA	NA	NA	NA	0.054 JZ	NA	NR
4-Nitroaniline	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
4-Nitrophenol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA	NA	NR
4-Phenylenediamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
5-Nitro-o-toluidine	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
a,a'-Dimethylphenethylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Acenaphthene	NA	NA	ND(0.44)	NA	ND(0.42)	0.040 J	5.6 J
Acenaphthylene	NA	NA	ND(0.44)	NA	0.062 J	0.15 J	NR
Acetophenone	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR

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

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

Parameter / Location ID	NS-7	NS-7	NS-8	NS-9	NS-9	NS-9	NS-10
Sample ID:	RN07B0204	RN07B1416	RN08B1214	RN09B0406	RN09B1214	RN09B1416	RN10B0810
Sample Depth(Feet):	2-4	14-16	12-14	4-6	12-14	14-16	8-10
Date Collected:	05/24/91	05/24/91	05/21/91	10/24/91	05/28/91	10/25/91	11/15/91
Semivolatile Organics(continued)							
Aniline	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Anthracene	NA	NA	ND(0.44)	NA	0.063 J	0.30 J	27
Aramite	NA	NA	NA	NA	NA	NA	NR
Benzal chloride	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Benzidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Benzo(a)anthracene	NA	NA	ND(0.44)	NA	0.29 J	0.92	77
Benzo(a)pyrene	NA	NA	ND(0.44)	NA	0.35 J	0.67	25 J
Benzo(b)fluoranthene	NA	NA	ND(0.44)	NA	0.22 J	1.1 Z	45 Z
Benzo(g,h,i)perylene	NA	NA	ND(0.44)	NA	0.22 J	0.40	14 J
Benzo(k)fluoranthene	NA	NA	ND(0.44)	NA	0.57	1.1 Z	45 Z
Benzoic Acid	NA	NA	0.23 J	NA	ND(4.2)	ND(3.9)	NR
Benzotrichloride	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
Benzyl Alcohol	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Benzyl Chloride	NA	NA	ND(0.44)	NA	ND(0.42)	NA	NR
bis(2-Chloroethoxy)methane	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
bis(2-Chloroethyl)ether	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
bis(2-Ethylhexyl)phthalate	NA	NA	0.75	NA	0.28 JB	0.067 J	NR
Butylbenzylphthalate	NA	NA	ND(0.44)	NA	ND(0.42)	0.042 JB	NR
Chrysene	NA	NA	0.055 J	NA	0.33 J	0.77	42
Cyclophosphamide	NA	NA	ND(2.1)	NA	ND(2.0)	ND(1.9)	NR
Diallate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Dibenz(a,j)acridine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Dibenzo(a,h)anthracene	NA	NA	ND(0.44)	NA	0.073 J	0.11 J	4.8 J
Dibenzofuran	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	9.6 J
Diethylphthalate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Dimethylphthalate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Di-n-Butylphthalate	NA	NA	ND(0.44)	NA	0.089 J	ND(0.39)	NR
Di-n-Octylphthalate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Dinoseb	NA	NA	NA	NA	NA	NA	NR
Diphenylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Ethyl Methanesulfonate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Fluoranthene	NA	NA	ND(0.44)	NA	0.43	1.6	89
Fluorene	NA	NA	ND(0.44)	NA	ND(0.42)	0.29 J	15 J
Hexachlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Hexachlorobutadiene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Hexachlorocyclopentadiene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Hexachloroethane	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Hexachlorophene	NA	NA	NA	NA	NA	NA	NR
Hexachloropropene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.44)	NA	0.17 J	0.35 J	14 J
Isodrin	NA	NA	NA	NA	NA	NA	NR
Isophorone	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Isosafrole	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
Methapyrilene	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
Methyl Methanesulfonate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Naphthalene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Nitrobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosodiethylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosodimethylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitroso-di-n-butylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitroso-di-n-propylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosodiphenylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosomethylethylamine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosomorpholine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosopiperidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
N-Nitrosopyrrolidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA	NR
o-Toluidine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Paraldehyde	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
p-Dimethylaminoazobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Pentachlorobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Pentachloroethane	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Pentachloronitrobenzene	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR

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

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

Parameter / Location ID:	NS-7	NS-7	NS-8	NS-9	NS-9	NS-9	NS-10
Sample ID:	RN07B0204	RN07B1416	RN08B1214	RN09B0406	RN09B1214	RN09B1416	RN10B0810
Sample Depth(Feet):	2-4	14-16	12-14	4-6	12-14	14-16	8-10
Date Collected:	05/24/91	05/24/91	05/21/91	10/24/91	05/28/91	10/25/91	11/15/91
Semivolatile Organics(continued)							
Pentachlorophenol	NA	NA	ND(0.89)	NA	ND(0.83)	ND(0.78)	NR
Phenacetin	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Phenanthrene	NA	NA	0.074 J	NA	0.19 J	2.5	110
Phenol	NA	NA	ND(0.44)	NA	0.088 J	ND(0.39)	NR
Pronamide	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Pyrene	NA	NA	ND(0.44)	NA	0.40 J	2.0	71
Pyridine	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Safrole	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Thionazin	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NR
Organochlorine Pesticides							
4,4'-DDD	NA	NA	ND(0.17)	NA	NA	ND(0.0040)	NA
4,4'-DDE	NA	NA	ND(0.17)	NA	NA	ND(0.0040)	NA
4,4'-DDT	NA	NA	ND(0.17)	NA	NA	ND(0.0040)	NA
Aldrin	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Alpha-BHC	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Beta-BHC	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Delta-BHC	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Dieldrin	NA	NA	ND(0.075)	NA	NA	ND(0.0017)	NA
Endosulfan I	NA	NA	ND(0.075)	NA	NA	ND(0.0017)	NA
Endosulfan II	NA	NA	ND(0.17)	NA	NA	ND(0.0040)	NA
Endosulfan Sulfate	NA	NA	ND(0.10)	NA	NA	ND(0.0023)	NA
Endrin	NA	NA	ND(0.12)	NA	NA	ND(0.0029)	NA
Endrin Aldehyde	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Heptachlor	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Heptachlor Epoxide	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Kepone	NA	NA	ND(0.050)	NA	NA	ND(0.0012)	NA
Methoxychlor	NA	NA	ND(0.17)	NA	NA	ND(0.0040)	NA
Technical Chlordane	NA	NA	ND(0.20)	NA	NA	ND(0.0046)	NA
Toxaphene	NA	NA	ND(1.0)	NA	NA	ND(0.023)	NA
Organophosphate Pesticides							
Dimethoate	NA	NA	ND(0.44)	NA	ND(0.42)	ND(0.39)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	ND(0.058)	ND(0.029)	ND(0.14)	NA	ND(0.032)	ND(0.029)	NA
2,4,5-TP	ND(0.058)	ND(0.029)	ND(0.14)	NA	ND(0.032)	ND(0.029)	NA
2,4-D	ND(0.23)	ND(0.11)	ND(0.54)	NA	ND(0.13)	ND(0.12)	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
TCDFs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
OCDF	NA	Rejected	Rejected	NA	Rejected	Rejected	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-7 RN07B0204 2-4 05/24/91	NS-7 RN07B1416 14-16 05/24/91	NS-8 RN08B1214 12-14 05/21/91	NS-9 RN09B0406 4-6 10/24/91	NS-9 RN09B1214 12-14 05/28/91	NS-9 RN09B1416 14-16 10/25/91	NS-10 RN10B0810 8-10 11/15/91
Dioxins							
2,3,7,8-TCDD	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
TCDDs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
OCDD	NA	Rejected	Rejected	NA	Rejected	Rejected	NA
Total TEQs (WHO TEFs)	NA	NC	NC	NA	NC	NC	NA
Inorganics							
Aluminum	NA	NA	11400	NA	8620	8830	NA
Antimony	NA	NA	ND(3.30) N	NA	ND(4.20) N	ND(4.40) N	NA
Arsenic	NA	NA	7.10	NA	3.40 AN	4.70	NA
Barium	NA	NA	670 *	NA	27.4	17.0 B	NA
Beryllium	NA	NA	0.550 B	NA	0.210 B	ND(0.120)	NA
Cadmium	NA	NA	ND(0.610)	NA	ND(0.510)	ND(0.610)	NA
Calcium	NA	NA	1420 E	NA	23300	9840 *	NA
Chromium	NA	NA	19.7	NA	9.20	10.0	NA
Cobalt	NA	NA	11.3	NA	9.20	13.2	NA
Copper	NA	NA	233	NA	20.9	62.8 N*	NA
Cyanide	NA	NA	ND(0.670)	NA	ND(0.640)	ND(0.590)	NA
Iron	NA	NA	23100 E	NA	19400	21200 E	NA
Lead	NA	NA	235 *	NA	13.8 A	64.5 N	NA
Magnesium	NA	NA	3840	NA	14300	7620 *	NA
Manganese	NA	NA	195 E*	NA	415	668	NA
Mercury	NA	NA	0.160	NA	ND(0.130)	ND(0.120)	NA
Nickel	NA	NA	27.6	NA	17.3	19.7	NA
Potassium	NA	NA	649 B	NA	1040	307 B	NA
Selenium	NA	NA	ND(0.910) N	NA	ND(0.510) WN	ND(0.360) WN	NA
Silver	NA	NA	ND(0.760) N	NA	ND(0.630) N	ND(0.740) N	NA
Sodium	NA	NA	368 B	NA	192 B	171 B	NA
Sulfide	NA	NA	NA	NA	NA	15.4	NA
Thallium	NA	NA	ND(9.10) WN	NA	ND(0.380)	ND(0.240) W	NA
Tin	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	19.2	NA	8.60	8.30	NA
Zinc	NA	NA	216 E	NA	65.1	86.7 E	NA
Conventional Parameters							
Total Phenols	NA	NA	0.42	0.35	ND(0.13)	0.30	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-10 RN10B1012 10-12 11/15/91	NS-10 RN10B1214 12-14 11/15/91	NS-10 RN10B1416 14-16 11/15/91	NS-11 RN11B0810 8-10 12/10/91	NS-11 RN11B1012 10-12 12/10/91	NS-12 RN12B1416 14-16 05/22/91	NS-13 RN13B1416 14-16 05/21/91	NS-14 RN14B1214 12-14 05/24/91
Volatile Organics								
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.032)	ND(0.015)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.0060)	ND(0.065)	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
1,1,1-Trichloroethane	0.0020 J	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.0060)	0.015 J	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
1,1,2-Trichloroethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,1-Dichloroethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,1-Dichloroethene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,2,3-Trichloropropane	ND(0.012)	ND(0.097)	ND(0.030)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
1,2-Dibromo-3-chloropropane	ND(0.0060)	ND(0.065)	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
1,2-Dibromoethane	ND(0.0060)	ND(0.032)	ND(0.015)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,2-Dichloroethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,2-Dichloroethene (total)	ND(0.012)	ND(0.032)	0.0060 J	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,2-Dichloropropane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
2-Hexanone	ND(0.012)	ND(0.097)	ND(0.030)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
3-Chloropropene	ND(0.0060)	ND(0.097)	ND(0.015)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
4-Methyl-2-pentanone	ND(0.012)	ND(0.097)	ND(0.030)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
Acetone	0.029 B	0.92 B	0.095 B	0.042	0.051	0.19 B	ND(3.6)	NA
Acetonitrile	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	ND(0.11)	ND(0.58)	ND(0.27)	ND(0.12)	ND(0.13)	ND(0.53)	ND(33)	NA
Acrylonitrile	ND(0.14)	ND(0.78)	ND(0.37)	ND(0.16)	ND(0.17)	ND(0.71)	ND(45)	NA
Benzene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	0.45 J	NA
Bromodichloromethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Bromoform	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Bromomethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Carbon Disulfide	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Carbon Tetrachloride	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Chlorobenzene	ND(0.013)	ND(0.032)	0.019 J	0.017	0.054	0.46	1.6	NA
Chloroethane	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Chloroform	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Chloromethane	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
cis-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.097)	ND(0.015)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
Crotonaldehyde	ND(0.0060)	ND(0.65)	ND(0.015)	ND(0.14)	ND(0.14)	ND(0.59)	ND(36)	NA
Dibromochloromethane	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Dibromomethane	ND(0.0060)	ND(0.065)	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.0060)	ND(0.065)	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	ND(1.9)
Ethylbenzene	0.0060 J	0.016 J	0.0060 J	ND(0.0070)	ND(0.0070)	0.0080 J	ND(1.9)	NA
Iodomethane	ND(0.12)	ND(0.065)	ND(0.30)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Isobutanol	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.053 B	0.44 B	0.082 B	0.038 B	0.053 B	0.22 B	3.2 JB	NA
Pentachloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Tetrachloroethene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Toluene	0.0020 J	ND(0.032)	0.0040 J	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.012)	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
trans-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.097)	ND(0.015)	ND(0.021)	ND(0.021)	ND(0.088)	ND(5.7)	NA
Trichloroethene	0.0070 J	ND(0.032)	ND(0.030)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Trichlorofluoromethane	ND(0.0060)	ND(0.032)	ND(0.015)	ND(0.0070)	ND(0.0070)	ND(0.029)	ND(1.9)	NA
Vinyl Acetate	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Vinyl Chloride	ND(0.012)	ND(0.065)	ND(0.030)	ND(0.014)	ND(0.014)	ND(0.059)	ND(3.6)	NA
Xylenes (total)	0.17	0.45	0.16	ND(0.0070)	0.0040 J	0.015 J	1.6 J	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-10 RN10B1012 10-12 11/15/91	NS-10 RN10B1214 12-14 11/15/91	NS-10 RN10B1416 14-16 11/15/91	NS-11 RN11B0810 8-10 12/10/91	NS-11 RN11B1012 10-12 12/10/91	NS-12 RN12B1416 14-16 05/22/91	NS-13 RN13B1416 14-16 05/21/91	NS-14 RN14B1214 12-14 05/24/91
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	0.86 J	ND(4.9)	ND(1.9)
1,2,3,5-Tetrachlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	0.68 JZ	0.98 DJ	ND(1.9)
1,2,3-Trichlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	11	0.88 DJ	ND(1.9)
1,2,4,5-Tetrachlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	0.68 JZ	0.98 DJ	ND(1.9)
1,2,4-Trichlorobenzene	1.4 J	ND(2.1)	0.21 J	1.9 J	NR	14	ND(4.9)	ND(1.9)
1,2-Dichlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	3.8	0.67 DJ	ND(1.9)
1,2-Diphenylhydrazine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
1,3,5-Trichlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
1,3,5-Trinitrobenzene	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
1,3-Dichlorobenzene	ND(1.9)	ND(2.1)	0.85	1.0 J	NR	3.7	ND(4.9)	ND(1.9)
1,3-Dinitrobenzene	NA	NA	NA	NA	NR	NA	NA	NA
1,4-Dichlorobenzene	ND(1.9)	3.0	ND(0.40)	4.6	NR	38 D	ND(4.9)	1.2 J
1,4-Dinitrobenzene	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
1,4-Naphthoquinone	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
1-Chloronaphthalene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
1-Methylnaphthalene	0.44 J	0.48 J	ND(0.40)	1.0 J	NR	ND(1.9)	ND(4.9)	0.21 J
1-Naphthylamine	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2,3,4,6-Tetrachlorophenol	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2,4,5-Trichlorophenol	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2,4,6-Trichlorophenol	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2,4-Dichlorophenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2,4-Dimethylphenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2,4-Dinitrophenol	ND(7.6)	ND(8.4)	ND(1.6)	ND(18)	NR	ND(7.6)	ND(19)	ND(7.4)
2,4-Dinitrotoluene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2,6-Dichlorophenol	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2,6-Dinitrotoluene	0.23 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Acetylaminofluorene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Chloronaphthalene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Chlorophenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Methylnaphthalene	0.39 J	0.36 J	0.23 J	0.59 J	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Methylphenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Naphthylamine	0.34 J	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
2-Nitroaniline	0.43 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	6.8 D	ND(1.9)
2-Nitrophenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Phenylenediamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
2-Picoline	0.59 J	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
3&4-Methylphenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
3,3'-Dichlorobenzidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
3,3'-Dimethoxybenzidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
3,3'-Dimethylbenzidine	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
3-Methylcholanthrene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
3-Methylphenol	NA	NA	NA	NA	NR	NA	NA	NA
3-Nitroaniline	0.49 J	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
3-Phenylenediamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4,4'-Methylene-bis(2-chloroaniline)	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(5.8)	ND(6.4)	ND(1.2)	ND(13)	NR	ND(5.8)	ND(15)	ND(5.6)
4-Aminobiphenyl	1.5 J	1.2 J	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Bromophenyl-phenylether	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Chloro-3-Methylphenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Chloroaniline	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Chlorobenzilate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Chlorophenyl-phenylether	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Methylphenol	NA	NA	NA	NA	NR	NA	NA	NA
4-Nitroaniline	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
4-Nitrophenol	1.5 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NR	NA	NA	NA
4-Phenylenediamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
5-Nitro-o-toluidine	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
7,12-Dimethylbenz(a)anthracene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
a,a'-Dimethylphenethylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Acenaphthene	ND(1.9)	ND(2.1)	0.13 J	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Acenaphthylene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Acetophenone	1.5 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-10 RN10B1012 10-12 11/15/91	NS-10 RN10B1214 12-14 11/15/91	NS-10 RN10B1416 14-16 11/15/91	NS-11 RN11B0810 8-10 12/10/91	NS-11 RN11B1012 10-12 12/10/91	NS-12 RN12B1416 14-16 05/22/91	NS-13 RN13B1416 14-16 05/21/91	NS-14 RN14B1214 12-14 05/24/91
Semivolatile Organics(continued)								
Aniline	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Anthracene	ND(1.9)	ND(2.1)	0.22 J	0.81 J	NR	ND(1.9)	ND(4.9)	ND(1.9)
Aramite	NA	NA	NA	NA	NR	NA	NA	NA
Benzal chloride	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Benzidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Benzo(a)anthracene	0.40 J	ND(2.1)	ND(0.40)	3.2 J	NR	ND(1.9)	0.61 DJ	ND(1.9)
Benzo(a)pyrene	ND(1.9)	ND(2.1)	ND(0.40)	2.3	NR	ND(1.9)	ND(4.9)	ND(1.9)
Benzo(b)fluoranthene	ND(1.9)	ND(2.1)	ND(0.40)	2.8 JZ	NR	ND(1.9)	0.62 DJZ	ND(1.9)
Benzo(g,h,i)perylene	ND(1.9)	ND(2.1)	ND(0.40)	0.85 J	NR	ND(1.9)	ND(4.9)	ND(1.9)
Benzo(k)fluoranthene	ND(1.9)	ND(2.1)	ND(0.40)	2.8 JZ	NR	ND(1.9)	0.62 DJZ	ND(1.9)
Benzoic Acid	ND(19)	ND(21)	ND(4.0)	ND(45)	NR	ND(19)	ND(49)	ND(19)
Benzotrichloride	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
Benzyl Alcohol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Benzyl Chloride	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
bis(2-Chloroethoxy)methane	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
bis(2-Chloroethyl)ether	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
bis(2-Chloroisopropyl)ether	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
bis(2-Ethylhexyl)phthalate	0.58 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	3.2 DJ	ND(1.7)
Butylbenzylphthalate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Chrysene	ND(1.9)	0.58 J	ND(0.40)	4.7	NR	ND(1.9)	1.1 DJ	1.9 JB
Cyclophosphamide	ND(9.4)	ND(10)	ND(2.0)	ND(22)	NR	ND(9.4)	ND(24)	ND(9.1)
Diallate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Dibenz(a,j)acridine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Dibenzo(a,h)anthracene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Dibenzofuran	ND(1.9)	ND(2.1)	0.19 J	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Diethylphthalate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Dimethylphthalate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Di-n-Butylphthalate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Di-n-Octylphthalate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Dinoseb	NA	NA	NA	NA	NR	NA	NA	NA
Diphenylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Ethyl Methanesulfonate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Fluoranthene	0.30 J	0.31 J	ND(0.40)	5.8	NR	ND(1.9)	ND(4.9)	0.43 J
Fluorene	ND(1.9)	ND(2.1)	0.25 J	0.46 J	NR	ND(1.9)	ND(4.9)	0.22 J
Hexachlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Hexachlorobutadiene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Hexachlorocyclopentadiene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Hexachloroethane	ND(1.9)	2.1 J	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Hexachlorophene	NA	NA	NA	NA	NR	NA	NA	NA
Hexachloropropene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Indeno(1,2,3-cd)pyrene	ND(1.9)	ND(2.1)	ND(0.40)	0.81 J	NR	ND(1.9)	ND(4.9)	ND(1.9)
Isodrin	NA	NA	NA	NA	NR	NA	NA	NA
Isophorone	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Isosafrole	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
Methapyrilene	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
Methyl Methanesulfonate	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Naphthalene	1.1 J	0.72 J	0.67	0.72 J	NR	ND(1.9)	1.0 DJ	ND(1.9)
Nitrobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosodiethylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosodimethylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitroso-di-n-butylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitroso-di-n-propylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosodiphenylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosomethylethylamine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosomorpholine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosopiperidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
N-Nitrosopyrrolidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NR	NA	NA	NA
o-Toluidine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Paraldehyde	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
p-Dimethylaminoazobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Pentachlorobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Pentachloroethane	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Pentachloronitrobenzene	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-10 RN10B1012 10-12 11/15/91	NS-10 RN10B1214 12-14 11/15/91	NS-10 RN10B1416 14-16 11/15/91	NS-11 RN11B0810 8-10 12/10/91	NS-11 RN11B1012 10-12 12/10/91	NS-12 RN12B1416 14-16 05/22/91	NS-13 RN13B1416 14-16 05/21/91	NS-14 RN14B1214 12-14 05/24/91
Semivolatile Organics(continued)								
Pentachlorophenol	ND(3.9)	ND(4.3)	ND(0.81)	ND(8.9)	NR	ND(3.9)	ND(9.7)	ND(3.8)
Phenacetin	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Phenanthrene	1.0 J	0.85 J	1.4	3.3 J	NR	ND(1.9)	1.2 DJ	0.80 J
Phenol	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Pronamide	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Pyrene	0.24 J	0.45 J	ND(0.40)	4.0 J	NR	ND(1.9)	ND(4.9)	0.36 J
Pyridine	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Safrole	ND(1.9)	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Thionazin	1.5 J	ND(2.1)	ND(0.40)	ND(4.5)	NR	ND(1.9)	ND(4.9)	ND(1.9)
Organochlorine Pesticides								
4,4'-DDD	ND(0.082)	NA	NA	NA	NA	ND(2.1)	ND(0.17)	ND(0.018)
4,4'-DDE	ND(0.082)	NA	NA	NA	NA	ND(2.1)	ND(0.17)	ND(0.018)
4,4'-DDT	ND(0.082)	NA	NA	NA	NA	ND(2.1)	ND(0.17)	ND(0.018)
Aldrin	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Alpha-BHC	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Beta-BHC	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Delta-BHC	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Dieldrin	ND(0.035)	NA	NA	NA	NA	ND(0.89)	ND(0.074)	ND(0.0075)
Endosulfan I	ND(0.035)	NA	NA	NA	NA	ND(0.89)	ND(0.074)	ND(0.0075)
Endosulfan II	ND(0.082)	NA	NA	NA	NA	ND(2.1)	ND(0.17)	ND(0.018)
Endosulfan Sulfate	ND(0.047)	NA	NA	NA	NA	ND(1.2)	ND(0.098)	ND(0.010)
Endrin	ND(0.059)	NA	NA	NA	NA	ND(1.5)	ND(0.12)	ND(0.012)
Endrin Aldehyde	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Gamma-BHC (Lindane)	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Heptachlor	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Heptachlor Epoxide	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Kepone	ND(0.023)	NA	NA	NA	NA	ND(0.59)	ND(0.049)	ND(0.0050)
Methoxychlor	ND(0.082)	NA	NA	NA	NA	ND(2.1)	ND(0.17)	ND(0.018)
Technical Chlordane	ND(0.094)	NA	NA	NA	NA	ND(2.4)	ND(0.20)	ND(0.020)
Toxaphene	ND(0.47)	NA	NA	NA	NA	ND(12)	ND(0.98)	ND(0.10)
Organophosphate Pesticides								
Dimethoate	ND(0.011) [ND(0.012)]	1.2 J	ND(0.40)	ND(4.5)	NA	ND(1.9)	ND(4.9)	ND(1.9)
Disulfoton	ND(0.011) [ND(0.012)]	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	ND(0.011) [ND(0.012)]	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	ND(0.011) [ND(0.012)]	NA	NA	NA	NA	NA	NA	NA
Phorate	ND(0.011) [ND(0.012)]	NA	NA	NA	NA	NA	NA	NA
Sulfotep	0.12 [ND(0.012)]	NA	NA	NA	NA	NA	NA	NA
Herbicides								
2,4,5-T	ND(0.029)	NA	NA	NA	NA	ND(0.059)	ND(0.075)	ND(0.029)
2,4,5-TP	ND(0.029)	NA	NA	NA	NA	ND(0.059)	ND(0.075)	ND(0.029)
2,4-D	ND(0.12)	NA	NA	NA	NA	ND(0.24)	ND(0.30)	ND(0.12)
Dinoseb	NA	NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
TCDFs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
OCDF	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected

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

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

Parameter / Location ID:	NS-10	NS-10	NS-10	NS-11	NS-11	NS-12	NS-13	NS-14
Sample ID:	RN10B1012	RN10B1214	RN10B1416	RN11B0810	RN11B1012	RN12B1416	RN13B1416	RN14B1214
Sample Depth(Feet):	10-12	12-14	14-16	8-10	10-12	14-16	14-16	12-14
Date Collected:	11/15/91	11/15/91	11/15/91	12/10/91	12/10/91	05/22/91	05/21/91	05/24/91
Dioxins								
2,3,7,8-TCDD	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
TCDDs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
OCDD	Rejected	NA	NA	Rejected	NA	Rejected	Rejected	Rejected
Total TEQs (WHO TEFs)	NC	NA	NA	NC	NA	NC	NC	NC
Inorganics								
Aluminum	7400	NA	NA	9180 *	NA	10200	2690	7230
Antimony	ND(4.20) N	NA	NA	13.9 BN	NA	ND(2.80) N	ND(2.20) N	ND(3.60) N
Arsenic	1.50 *	NA	NA	8.60 A	NA	1.40	2.60	3.30 N
Barium	10.6 BN*	NA	NA	240	NA	31.0 *	54.9 *	34.0
Beryllium	0.210 B	NA	NA	0.570 B	NA	0.250 B	ND(0.100)	ND(0.110)
Cadmium	ND(0.590) N	NA	NA	2.60	NA	ND(0.510)	ND(0.400)	ND(0.440)
Calcium	707 E*	NA	NA	9190 E	NA	25500 E	427 BE	1320
Chromium	6.90 EN*	NA	NA	106	NA	10.2	8.20	9.20
Cobalt	7.60 *	NA	NA	13.9	NA	9.10	2.90 B	9.20
Copper	36.9 *	NA	NA	980 N	NA	17.3	1440	68.4
Cyanide	ND(0.590)	NA	NA	0.990	NA	ND(0.590)	ND(0.740)	ND(0.580)
Iron	15600 E*	NA	NA	32600 *	NA	20600 E	5410 E	18300
Lead	33.2 E	NA	NA	968 *	NA	2.40 A*	108 *	32.1
Magnesium	3190	NA	NA	4300	NA	17000	969	3060
Manganese	177 E*	NA	NA	473 N*	NA	368 E*	51.1 E*	335
Mercury	ND(0.120) N	NA	NA	3.70	NA	ND(0.130)	0.260	1.10
Nickel	16.5 N*	NA	NA	70.2	NA	17.6	16.1	17.4
Potassium	325 B	NA	NA	567 B	NA	1150	175 B	348 B
Selenium	ND(0.350) WN	NA	NA	ND(1.00)	NA	ND(0.380) WN	0.670 BAN	ND(0.440) WN
Silver	ND(0.700) N	NA	NA	3.40 N	NA	ND(0.630) N	ND(0.500) N	ND(0.540) N
Sodium	97.4 B	NA	NA	451 B	NA	76.5 B	147 B	82.9 B
Sulfide	38.9 [ND(12.2)]	NA	NA	NA	NA	NA	NA	NA
Thallium	ND(0.230) N	NA	NA	ND(0.790) W	NA	ND(1.90) WN	ND(6.00) WN	ND(0.330) W
Tin	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	7.20	NA	NA	21.9	NA	13.7	3.60 B	7.00
Zinc	66.1 E*	NA	NA	1300	NA	59.4 E	196 E	63.1
Conventional Parameters								
Total Phenols	0.89	NA	2.5	NA	NA	NA	2.0	0.13

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-15 PN15B0608 6-8 06/16/95	NS-16 PN16B0810 8-10 06/13/95	NS-17 PN17B0204 2-4 06/14/95	NS-18 PN18B0608 6-8 06/14/95	NS-19 PN19B0608 6-8 06/14/95	NS-20 PN20B0406 4-6 06/12/95
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [0.0030]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dibromo-3-chloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dioxane	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)
2-Butanone	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Chloro-1,3-butadiene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Chloroethylvinylether	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
4-Methyl-2-pentanone	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Acetone	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)
Acetonitrile	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Acrolein	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.010)
Acrylonitrile	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Carbon Disulfide	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Carbon Tetrachloride	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	ND(0.0010)	0.35	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethyl Methacrylate	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Ethylbenzene	0.0030	ND(0.0010)	ND(0.0010) [0.0010]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Iodomethane	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Isobutanol	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.010)
m&p-Xylene	0.013	ND(0.0010)	0.0010 [0.0030]	0.0010	ND(0.0010)	ND(0.0010)
Methacrylonitrile	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methyl Methacrylate	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Methylene Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Pentachloroethane	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)
Pyridine	NA	NA	NA	NA	NA	NA
Styrene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	0.012	0.0040	0.0010 [ND(0.0010)]	0.0020	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,4-Dichloro-2-butene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	0.017	ND(0.0010)	ND(0.0010) [ND(0.0010)]	0.17	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Vinyl Acetate	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Xylenes (total)	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-15 PN15B0608 6-8 06/16/95	NS-16 PN16B0810 8-10 06/13/95	NS-17 PN17B0204 2-4 06/14/95	NS-18 PN18B0608 6-8 06/14/95	NS-19 PN19B0608 6-8 06/14/95	NS-20 PN20B0406 4-6 06/12/95
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NR	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NR	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NR	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	0.11	ND(0.99)	ND(0.99)
1,2,4-Trichlorobenzene	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	2.2	ND(0.33)	ND(0.33)
1,2-Dichlorobenzene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
1,2-Diphenylhydrazine	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
1,3,5-Trichlorobenzene	NA	NA	NA	NR	NA	NA
1,3,5-Trinitrobenzene	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
1,3-Dichlorobenzene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	0.25	ND(0.66)	ND(0.66)
1,3-Dinitrobenzene	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
1,4-Dichlorobenzene	ND(0.66)	2.6	ND(0.66) [ND(0.66)]	0.57	ND(0.66)	ND(0.66)
1,4-Dinitrobenzene	NA	NA	NA	NR	NA	NA
1,4-Naphthoquinone	ND(2.3)	ND(2.3)	ND(2.3) [ND(2.3)]	NR	ND(2.3)	ND(2.3)
1-Chloronaphthalene	NA	NA	NA	NR	NA	NA
1-Methylnaphthalene	NA	NA	NA	NR	NA	NA
1-Naphthylamine	ND(2.3)	ND(2.3)	ND(2.3) [ND(2.3)]	NR	ND(2.3)	ND(2.3)
2,3,4,6-Tetrachlorophenol	ND(2.3)	ND(2.3)	ND(2.3) [ND(2.3)]	NR	ND(2.3)	ND(2.3)
2,4,5-Trichlorophenol	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
2,4,6-Trichlorophenol	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
2,4-Dichlorophenol	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
2,4-Dimethylphenol	ND(2.3)	ND(2.3)	ND(2.3) [ND(2.3)]	NR	ND(2.3)	ND(2.3)
2,4-Dinitrophenol	ND(5.0)	ND(5.0)	ND(5.0) [ND(5.0)]	NR	ND(5.0)	ND(5.0)
2,4-Dinitrotoluene	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
2,6-Dichlorophenol	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
2,6-Dinitrotoluene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Acetylaminofluorene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Chloronaphthalene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Chlorophenol	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Methylnaphthalene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
2-Naphthylamine	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
2-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
2-Nitrophenol	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	NR	ND(0.33)	ND(0.33)
2-Phenylenediamine	NA	NA	NA	NR	NA	NA
2-Picoline	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
3&4-Methylphenol	NA	NA	NA	NR	NA	NA
3,3'-Dichlorobenzidine	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
3,3'-Dimethoxybenzidine	NA	NA	NA	NR	NA	NA
3,3'-Dimethylbenzidine	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
3-Methylcholanthrene	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	NR	ND(0.33)	ND(0.33)
3-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
3-Nitroaniline	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
3-Phenylenediamine	NA	NA	NA	NR	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NR	NA	NA
4,6-Dinitro-2-methylphenol	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
4-Aminobiphenyl	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
4-Bromophenyl-phenylether	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
4-Chloro-3-Methylphenol	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
4-Chloroaniline	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
4-Chlorobenzilate	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
4-Chlorophenyl-phenylether	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
4-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
4-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
4-Nitrophenol	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
4-Nitroquinoline-1-oxide	ND(5.0)	ND(5.0)	ND(5.0) [ND(5.0)]	NR	ND(5.0)	ND(3.0)
4-Phenylenediamine	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
5-Nitro-o-toluidine	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
7,12-Dimethylbenz(a)anthracene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
a,a'-Dimethylphenethylamine	ND(2.3)	ND(2.3)	ND(2.3) [ND(2.3)]	NR	ND(2.3)	ND(2.3)
Acenaphthene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Acenaphthylene	2.0	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Acetophenone	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)

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

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

Parameter / Location ID:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20
Sample ID:	PN15B0608	PN16B0810	PN17B0204	PN18B0608	PN19B0608	PN20B0406
Sample Depth(Feet):	6-8	8-10	2-4	6-8	6-8	4-6
Date Collected:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95	06/12/95
Semivolatile Organics(continued)						
Aniline	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Anthracene	0.76	ND(0.66)	ND(0.66) [ND(0.66)]	0.16	ND(0.66)	ND(0.66)
Aramite	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Benzal chloride	NA	NA	NA	NR	NA	NA
Benzidine	ND(3.3)	ND(3.3)	ND(3.3) [ND(3.3)]	NR	ND(3.3)	ND(3.3)
Benzo(a)anthracene	1.9	ND(0.66)	ND(0.66) [ND(0.66)]	0.45	ND(0.66)	ND(0.66)
Benzo(a)pyrene	3.1	ND(0.66)	ND(0.66) [ND(0.66)]	0.57	ND(0.66)	ND(0.66)
Benzo(b)fluoranthene	3.1	ND(0.66)	ND(0.66) [ND(0.66)]	1.5	ND(0.66)	ND(0.66)
Benzo(g,h,i)perylene	1.6	ND(0.66)	ND(0.66) [ND(0.66)]	0.43	ND(0.66)	ND(0.66)
Benzo(k)fluoranthene	1.2	ND(0.66)	ND(0.66) [ND(0.66)]	0.50	ND(0.66)	ND(0.66)
Benzoic Acid	NA	NA	NA	NR	NA	NA
Benzotrichloride	NA	NA	NA	NR	NA	NA
Benzyl Alcohol	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Benzyl Chloride	NA	NA	NA	NR	NA	NA
bis(2-Chloroethoxy)methane	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
bis(2-Chloroethyl)ether	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
bis(2-Chloroisopropyl)ether	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	0.26	ND(1.7)	ND(1.7)
Butylbenzylphthalate	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Chrysene	2.1	ND(0.66)	ND(0.66) [ND(0.66)]	0.37	ND(0.66)	ND(0.66)
Cyclophosphamide	NA	NA	NA	NR	NA	NA
Diallate	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Dibenz(a,j)acridine	NA	NA	NA	NR	NA	NA
Dibenzo(a,h)anthracene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Dibenzofuran	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Diethylphthalate	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Dimethylphthalate	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Di-n-Butylphthalate	2.3	ND(0.99)	ND(0.99) [ND(0.99)]	0.56	ND(0.99)	ND(0.99)
Di-n-Octylphthalate	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Dinoseb	NA	NA	NA	NR	NA	NA
Diphenylamine	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
Ethyl Methanesulfonate	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Fluoranthene	1.9	ND(1.3)	ND(1.3) [ND(1.3)]	0.58	ND(1.3)	ND(1.3)
Fluorene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	0.12	ND(0.66)	ND(0.66)
Hexachlorobenzene	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Hexachlorobutadiene	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	NR	ND(0.33)	ND(0.33)
Hexachlorocyclopentadiene	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
Hexachloroethane	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Hexachlorophene	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Hexachloropropene	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
Indeno(1,2,3-cd)pyrene	1.1	ND(0.66)	ND(0.66) [ND(0.66)]	0.38	ND(0.66)	ND(0.66)
Isodrin	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Isophorone	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Isosafrole	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Methapyrilene	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
Methyl Methanesulfonate	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Naphthalene	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	0.11	ND(0.33)	ND(0.33)
Nitrobenzene	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
N-Nitrosodiethylamine	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
N-Nitrosodimethylamine	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
N-Nitroso-di-n-butylamine	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
N-Nitroso-di-n-propylamine	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
N-Nitrosodiphenylamine	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NR	ND(2.0)	ND(2.0)
N-Nitrosomethylethylamine	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
N-Nitrosomorpholine	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
N-Nitrosopiperidine	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
N-Nitrosopyrrolidine	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
o,o,o-Triethylphosphorothioate	ND(7.3)	ND(7.3)	ND(7.3) [ND(7.3)]	NR	ND(7.3)	ND(7.3)
o-Toluidine	ND(1.7)	ND(1.7)	ND(1.7) [ND(1.7)]	NR	ND(1.7)	ND(1.7)
Paraldehyde	NA	NA	NA	NR	NA	NA
p-Dimethylaminoazobenzene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Pentachlorobenzene	ND(0.66)	ND(0.66)	ND(0.66) [ND(0.66)]	NR	ND(0.66)	ND(0.66)
Pentachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Pentachloronitrobenzene	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-15 PN15B0608 6-8 06/16/95	NS-16 PN16B0810 8-10 06/13/95	NS-17 PN17B0204 2-4 06/14/95	NS-18 PN18B0608 6-8 06/14/95	NS-19 PN19B0608 6-8 06/14/95	NS-20 PN20B0406 4-6 06/12/95
Semivolatile Organics(continued)						
Pentachlorophenol	ND(3.6)	ND(3.6)	ND(3.6) [ND(3.6)]	NR	ND(3.6)	ND(3.6)
Phenacetin	ND(1.3)	ND(1.3)	ND(1.3) [ND(1.3)]	NR	ND(1.3)	ND(1.3)
Phenanthrene	1.2	ND(0.99)	ND(0.99) [ND(0.99)]	0.69	ND(0.99)	ND(0.99)
Phenol	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Pronamide	ND(0.99)	ND(0.99)	ND(0.99) [ND(0.99)]	NR	ND(0.99)	ND(0.99)
Pyrene	4.7	ND(0.66)	ND(0.66) [ND(0.66)]	0.28	ND(0.66)	ND(0.66)
Pyridine	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)	ND(0.0010)
Safrole	ND(0.33)	ND(0.33)	ND(0.33) [ND(0.33)]	NR	ND(0.33)	ND(0.33)
Thionazin	ND(3.0)	ND(3.0)	ND(3.0) [ND(3.0)]	NR	ND(3.0)	ND(3.0)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
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
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
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00012	0.00049	0.00022 [0.00019]	0.000091	ND(0.0000059)	ND(0.0000033)
TCDFs (total)	0.00083	0.15	0.0028 [0.0022]	0.00085	0.000052	ND(0.0000033)
1,2,3,7,8-PeCDF	0.00026	0.00098	0.00018 [0.00018]	0.000069	ND(0.0000058)	ND(0.0000047)
2,3,4,7,8-PeCDF	0.00028	0.00052	0.00028 [0.00026]	0.00020	0.000051	ND(0.0000047)
PeCDFs (total)	0.0018	0.24	0.0077 [0.0049]	0.0017	0.00024	ND(0.0000047)
1,2,3,4,7,8-HxCDF	0.00034	0.0091	0.00057 [0.00050]	0.00056	0.00020	ND(0.0000023)
1,2,3,6,7,8-HxCDF	0.00018	0.0015	0.0019 [0.00097]	0.00034	0.000076	ND(0.0000020)
1,2,3,7,8,9-HxCDF	0.0000078	0.0038	0.000069 [0.000027]	0.000037	0.000058	ND(0.0000028)
2,3,4,6,7,8-HxCDF	0.000033	0.0019	0.00027 [0.00019]	0.00014	0.000042	ND(0.0000023)
HxCDFs (total)	0.00072	0.21	0.0073 [0.0046]	0.0024	0.00059	ND(0.0000028)
1,2,3,4,6,7,8-HpCDF	0.00026	0.016	0.00090 [0.00070]	0.00043	0.000068	ND(0.0000035)
1,2,3,4,7,8,9-HpCDF	0.000040	0.0066	0.00015 [0.00015]	0.00017	0.000057	ND(0.0000044)
HpCDFs (total)	0.00035	0.089	0.0019 [0.0015]	0.00093	0.00019	ND(0.0000044)
OCDF	0.00014	0.012	0.00063 [0.00084]	0.00046	0.000048	ND(0.000010)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-15 PN15B0608 6-8 06/16/95	NS-16 PN16B0810 8-10 06/13/95	NS-17 PN17B0204 2-4 06/14/95	NS-18 PN18B0608 6-8 06/14/95	NS-19 PN19B0608 6-8 06/14/95	NS-20 PN20B0406 4-6 06/12/95
Dioxins							
2,3,7,8-TCDD		ND(0.000013)	0.000062	ND(0.0000091) [ND(0.0000072)]	ND(0.0000055)	ND(0.000047)	ND(0.0000031)
TCDDs (total)		ND(0.000013)	0.0017	ND(0.0000091) [ND(0.0000072)]	ND(0.0000055)	ND(0.000047)	ND(0.0000031)
1,2,3,7,8-PeCDD		ND(0.000011)	0.000094	ND(0.000011) I [ND(0.000014)]	ND(0.0000061)	ND(0.000056)	ND(0.0000057)
PeCDDs (total)		ND(0.000011)	0.0014	ND(0.000011) I [ND(0.000014)]	ND(0.0000061)	ND(0.000056)	ND(0.0000057)
1,2,3,4,7,8-HxCDD		ND(0.000014)	0.00051	ND(0.0000042) [ND(0.0000043)]	ND(0.0000097)	ND(0.000061)	ND(0.0000089)
1,2,3,6,7,8-HxCDD		ND(0.000013)	0.00033	ND(0.000012) [ND(0.000011)]	ND(0.0000085)	ND(0.000053)	ND(0.0000086)
1,2,3,7,8,9-HxCDD		ND(0.000013)	0.00035	ND(0.0000067) [ND(0.0000056)]	ND(0.0000085)	ND(0.000054)	ND(0.0000087)
HxCDDs (total)		0.000024	0.0067	0.000094 [0.000015]	ND(0.0000097)	ND(0.0000061)	ND(0.0000099)
1,2,3,4,6,7,8-HpCDD		0.000024	0.0070	0.000079 [0.000066]	0.000027	0.000011	ND(0.0000040)
HpCDDs (total)		0.000047	0.014	0.00015 [0.00012]	0.000051	0.000019	ND(0.0000040)
OCDD		0.000054	0.11	0.00034 [0.0010]	0.00012	0.000064	ND(0.0000069)
Total TEQs (WHO TEFs)		0.00024	0.0026	0.00047 [0.00035]	0.00023	0.00012	0.0000077
Inorganics							
Aluminum		NA	NA	NA	NA	NA	NA
Antimony		0.642	0.175	1.66 [2.05]	0.780	0.505	0.814
Arsenic		6.46	5.15	3.97 [6.47]	8.17	2.62	2.65
Barium		42.2	258	174 [230]	198	15.7	4.57
Beryllium		0.273	0.333	0.152 [0.238]	0.271	0.215	0.732
Cadmium		2.36	1.35	1.78 [3.03]	2.18	1.28	1.86
Calcium		NA	NA	NA	NA	NA	NA
Chromium		27.4	9.48	11.2 [15.9]	14.2	7.66	8.12
Cobalt		11.0	8.07	5.07 [6.79]	16.1	9.76	8.10
Copper		82.1	25.7	4140 [3530]	106	13.0	4.19
Cyanide		ND(4.00)	ND(4.00)	ND(4.00) [ND(4.00)]	ND(4.00)	ND(4.00)	ND(4.00)
Iron		NA	NA	NA	NA	NA	NA
Lead		86.9	24.7	714 [160]	4590	4.94	5.42
Magnesium		NA	NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA	NA
Mercury		ND(0.167)	ND(0.167)	ND(0.167) [ND(0.167)]	ND(0.167)	ND(0.167)	ND(0.167)
Nickel		17.7	10.3	34.1 [30.3]	730	12.4	14.3
Potassium		NA	NA	NA	NA	NA	NA
Selenium		1.39	10.7	0.710 [1.33]	2.02	0.649	1.16
Silver		ND(0.0430)	ND(0.0430)	3.27 [0.451]	ND(0.0430)	ND(0.0430)	ND(0.0430)
Sodium		NA	NA	NA	NA	NA	NA
Sulfide		ND(200)	ND(200)	ND(200) [ND(200)]	ND(200)	ND(200)	ND(200)
Thallium		ND(0.136)	ND(0.136)	ND(0.136) [ND(0.136)]	ND(0.136)	ND(0.136)	ND(0.136)
Tin		17.5	9.63	153 [90.6]	29.8	8.09	9.56
Vanadium		11.3	11.5	8.16 [13.1]	11.5	8.98	16.6
Zinc		411	64.2	618 [54.0]	258	41.8	53.2
Conventional Parameters							
Total Phenols		NA	NA	NA	NA	NA	NA

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

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

Location ID:	NS-21(B)	NS-22(B)	NS-23(B)	NS-24	NS-24(B)	NS-33	NS-34
Sample ID:	PN21B0406	PN22B0608	PN23B006	NS-24	PN24B0002	NS-33	N34B0810
Sample Depth(Feet):	4-6	6-8	0-0.5	0-0.5	0-2	12-14	8-10
Parameter Date Collected:	06/15/95	06/15/95	06/22/95	10/06/93	06/13/95	02/06/96	11/13/96
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	ND(0.0060)	NA	NR	NA
1,1,1-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,1,2,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	ND(0.0060)	NA	NR	NA
1,1,2-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,2,3-Trichloropropane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.019)	ND(0.010)	NR	ND(0.019)
1,2-Dibromo-3-chloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,2-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,2-Dichloroethene (total)	NA	NA	NA	ND(0.0060)	NA	NR	NA
1,2-Dichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
1,4-Dioxane	ND(0.020)	ND(0.020)	ND(0.020)	NA	ND(0.020)	NR	ND(3.8)
2-Butanone	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.038)
2-Chloro-1,3-butadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	NR	ND(0.038)
2-Chloroethylvinylether	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.038)
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.019)	ND(0.010)	NR	ND(0.038)
3-Chloropropene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0060)	ND(0.010)	NR	ND(0.019)
4-Methyl-2-pentanone	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.019)	ND(0.0010)	NR	ND(0.038)
Acetone	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.012)	ND(0.020)	0.020	ND(0.038)
Acetonitrile	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)	NR	ND(0.77)
Acrolein	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.11)	ND(0.0010)	NR	ND(0.19)
Acrylonitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.15)	ND(0.010)	NR	ND(0.19)
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Bromodichloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Bromoform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
Bromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Carbon Disulfide	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Carbon Tetrachloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Chloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Chloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NR	0.0040 J
cis-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
cis-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.019)	NA	NR	NA
Crotonaldehyde	NA	NA	NA	ND(0.0060)	NA	NR	NA
Dibromochloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Dibromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
Dichlorodifluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	NR	ND(0.019)
Ethyl Methacrylate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)	NR	ND(0.019)
Ethylbenzene	ND(0.0010)	ND(0.0010)	0.0070	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Iodomethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)	NR	ND(0.019)
Isobutanol	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	NR	ND(1.5)
m&p-Xylene	0.012	0.0010	0.035	NA	ND(0.0010)	NR	NA
Methacrylonitrile	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	NR	ND(0.019)
Methyl Methacrylate	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)	NR	ND(0.019)
Methylene Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.022 B	ND(0.0010)	0.0020 J	ND(0.019)
Pentachloroethane	NA	NA	NA	NA	NA	NR	NA
Propionitrile	ND(0.020)	ND(0.020)	ND(0.020)	NA	ND(0.020)	NR	ND(0.15)
Pyridine	NA	NA	NA	NA	NA	NR	NA
Styrene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Toluene	0.012	0.0020	0.025	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
trans-1,2-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)	NR	ND(0.019)
trans-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
trans-1,4-Dichloro-2-butene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Trichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	0.024	0.010 J
Trichlorofluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0060)	ND(0.0010)	NR	ND(0.019)
Vinyl Acetate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)	NR	ND(0.038)
Vinyl Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.0010)	NR	ND(0.019)
Xylenes (total)	NA	NA	NA	ND(0.0060)	NA	0.0040 J	ND(0.019)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-21(B) PN21B0406 4-6 06/15/95	NS-22(B) PN22B0608 6-8 06/15/95	NS-23(B) PN23B006 0-0.5 06/22/95	NS-24 NS-24 0-0.5 10/06/93	NS-24(B) PN24B0002 0-2 06/13/95	NS-33 NS-33 12-14 02/06/96	NS-34 N34B0810 8-10 11/13/96
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	ND(0.80)	NA	NA	NR
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	ND(1.6)	NA	NA	NR
1,2,3-Trichlorobenzene	NA	NA	NA	ND(0.75)	NA	NA	NR
1,2,4,5-Tetrachlorobenzene	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.6)	3.5	NA	NR
1,2,4-Trichlorobenzene	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.69)	0.77	NA	0.65 J
1,2-Dichlorobenzene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.74)	ND(0.66)	NA	NR
1,2-Diphenylhydrazine	ND(3.0)	ND(3.0)	ND(3.0)	ND(0.86)	ND(3.0)	NA	NR
1,3,5-Trichlorobenzene	NA	NA	NA	ND(0.76)	NA	NA	NR
1,3,5-Trinitrobenzene	ND(3.0)	ND(3.0)	ND(3.0)	ND(1.1)	ND(3.0)	NA	NR
1,3-Dichlorobenzene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.64)	ND(0.66)	NA	NR
1,3-Dinitrobenzene	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.70)	ND(0.99)	NA	NR
1,4-Dichlorobenzene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.65)	2.6	NA	NR
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NR
1,4-Naphthoquinone	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.0)	ND(2.3)	NA	NR
1-Chloronaphthalene	NA	NA	NA	ND(1.5)	NA	NA	NR
1-Methylnaphthalene	NA	NA	NA	ND(1.4)	NA	NA	NR
1-Naphthylamine	ND(2.3)	ND(2.3)	ND(2.3)	ND(1.8)	ND(2.3)	NA	NR
2,3,4,6-Tetrachlorophenol	ND(2.3)	ND(2.3)	ND(2.3)	ND(1.8)	ND(2.3)	NA	NR
2,4,5-Trichlorophenol	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.6)	ND(1.7)	NA	NR
2,4,6-Trichlorophenol	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.6)	ND(1.7)	NA	NR
2,4-Dichlorophenol	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.69)	ND(0.99)	NA	NR
2,4-Dimethylphenol	ND(2.3)	ND(2.3)	ND(2.3)	ND(0.76)	ND(2.3)	NA	NR
2,4-Dinitrophenol	ND(5.0)	ND(5.0)	ND(5.0)	ND(2.1)	ND(5.0)	NA	NR
2,4-Dinitrotoluene	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.82)	ND(0.99)	NA	NR
2,6-Dichlorophenol	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.5)	ND(1.7)	NA	NR
2,6-Dinitrotoluene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.94)	ND(0.66)	NA	NR
2-Acetylaminofluorene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.89)	ND(0.66)	NA	NR
2-Chloronaphthalene	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.2)	ND(0.66)	NA	NR
2-Chlorophenol	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.79)	ND(0.66)	NA	NR
2-Methylnaphthalene	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.0)	ND(0.66)	NA	NR
2-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.81)	ND(0.66)	NA	NR
2-Naphthylamine	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.1)	ND(1.3)	NA	NR
2-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.4)	ND(2.0)	NA	NR
2-Nitrophenol	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.78)	ND(0.33)	NA	NR
2-Phenylenediamine	NA	NA	NA	NA	NA	NA	NR
2-Picoline	ND(3.0)	ND(3.0)	ND(3.0)	ND(1.5)	ND(3.0)	NA	NR
3&4-Methylphenol	NA	NA	NA	ND(1.6)	NA	NA	NR
3,3'-Dichlorobenzidine	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.62)	ND(0.66)	NA	NR
3,3'-Dimethoxybenzidine	NA	NA	NA	ND(1.2)	NA	NA	NR
3,3'-Dimethylbenzidine	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.2)	ND(0.66)	NA	NR
3-Methylcholanthrene	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.76)	ND(0.33)	NA	NR
3-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66)	NA	ND(0.66)	NA	NR
3-Nitroaniline	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.86)	ND(0.66)	NA	NR
3-Phenylenediamine	NA	NA	NA	NA	NA	NA	NR
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	ND(0.56)	NA	NA	NR
4,6-Dinitro-2-methylphenol	ND(3.0)	ND(3.0)	ND(3.0)	ND(2.2)	ND(3.0)	NA	NR
4-Aminobiphenyl	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.51)	ND(0.66)	NA	NR
4-Bromophenyl-phenylether	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.94)	ND(0.99)	NA	NR
4-Chloro-3-Methylphenol	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.94)	ND(1.3)	NA	NR
4-Chloroaniline	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.86)	ND(1.3)	NA	NR
4-Chlorobenzilate	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.89)	ND(0.66)	NA	NR
4-Chlorophenyl-phenylether	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.75)	ND(0.66)	NA	NR
4-Methylphenol	ND(0.66)	ND(0.66)	ND(0.66)	NA	ND(0.66)	NA	NR
4-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.4)	ND(2.0)	NA	NR
4-Nitrophenol	ND(3.0)	ND(3.0)	ND(3.0)	ND(5.6)	ND(3.0)	NA	NR
4-Nitroquinoline-1-oxide	ND(5.0)	ND(5.0)	ND(5.0)	ND(6.0)	ND(5.0)	NA	NR
4-Phenylenediamine	ND(0.99)	ND(0.99)	ND(0.99)	NA	ND(0.99)	NA	NR
5-Nitro-o-toluidine	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.2)	ND(2.0)	NA	NR
7,12-Dimethylbenz(a)anthracene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.51)	ND(0.66)	NA	NR
a,a'-Dimethylphenethylamine	ND(2.3)	ND(2.3)	ND(2.3)	NA	ND(2.3)	NA	NR
Acenaphthene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.82)	ND(0.66)	NA	NR
Acenaphthylene	1.1	ND(0.66)	ND(0.66)	0.14 J	ND(0.66)	NA	NR
Acetophenone	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.82)	ND(1.3)	NA	0.16 J

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

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

Parameter / Location ID:	NS-21(B)	NS-22(B)	NS-23(B)	NS-24	NS-24(B)	NS-33	NS-34
Sample ID:	PN21B0406	PN22B0608	PN23B006	NS-24	PN24B0002	NS-33	N34B0810
Sample Depth(Feet):	4-6	6-8	0-0.5	0-0.5	0-2	12-14	8-10
Date Collected:	06/15/95	06/15/95	06/22/95	10/06/93	06/13/95	02/06/96	11/13/96
Semivolatile Organics(continued)							
Aniline	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.70)	ND(0.99)	NA	NR
Anthracene	0.74	ND(0.66)	ND(0.66)	0.093 J	ND(0.66)	NA	NR
Aramite	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.82)	ND(1.3)	NA	NR
Benzal chloride	NA	NA	NA	ND(0.66)	NA	NA	NR
Benzidine	ND(3.3)	ND(3.3)	ND(3.3)	ND(2.0)	ND(3.3)	NA	NR
Benzo(a)anthracene	2.6	ND(0.66)	ND(0.66)	0.52 J	2.8	NA	NR
Benzo(a)pyrene	2.7	ND(0.66)	ND(0.66)	0.50 J	2.9	NA	NR
Benzo(b)fluoranthene	3.0	ND(0.66)	ND(0.66)	0.91 JZ	4.5	NA	NR
Benzo(g,h,i)perylene	0.84	ND(0.66)	ND(0.66)	0.12 J	1.2	NA	NR
Benzo(k)fluoranthene	1.1	ND(0.66)	ND(0.66)	0.91 JZ	1.6	NA	NR
Benzoic Acid	NA	NA	NA	ND(2.4)	NA	NA	NR
Benzotrichloride	NA	NA	NA	ND(0.78)	NA	NA	NR
Benzyl Alcohol	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.69)	ND(1.3)	NA	NR
Benzyl Chloride	NA	NA	NA	ND(0.72)	NA	NA	NR
bis(2-Chloroethoxy)methane	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.84)	ND(0.66)	NA	NR
bis(2-Chloroethyl)ether	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.74)	ND(0.66)	NA	NR
bis(2-Chloroisopropyl)ether	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.81)	ND(0.66)	NA	NR
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(1.7)	ND(1.7)	ND(0.94)	ND(1.7)	NA	0.20 J
Butylbenzylphthalate	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.85)	ND(0.66)	NA	NR
Chrysene	2.7	ND(0.66)	ND(0.66)	0.61 J	2.8	NA	NR
Cyclophosphamide	NA	NA	NA	ND(0.79)	NA	NA	NR
Diallate	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.82)	ND(1.3)	NA	NR
Dibenz(a,j)acridine	NA	NA	NA	ND(0.51)	NA	NA	NR
Dibenzo(a,h)anthracene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.54)	ND(0.66)	NA	NR
Dibenzofuran	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.86)	ND(0.66)	NA	NR
Diethylphthalate	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.90)	ND(0.99)	NA	NR
Dimethylphthalate	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.2)	ND(0.66)	NA	NR
Di-n-Butylphthalate	ND(0.99)	1.1	1.4	0.097 J	ND(0.99)	NA	0.28 J
Di-n-Octylphthalate	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.60)	ND(1.3)	NA	NR
Dinoseb	NA	NA	NA	NA	NA	NA	NR
Diphenylamine	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.0)	NA	NR
Ethyl Methanesulfonate	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.75)	ND(1.3)	NA	NR
Fluoranthene	2.7	ND(1.3)	ND(1.3)	0.76 J	3.1	NA	NR
Fluorene	ND(0.66)	ND(0.66)	ND(0.66)	0.062 J	ND(0.66)	NA	NR
Hexachlorobenzene	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.96)	ND(0.99)	NA	NR
Hexachlorobutadiene	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.70)	ND(0.33)	NA	NR
Hexachlorocyclopentadiene	ND(1.7)	ND(1.7)	ND(1.7)	ND(0.82)	ND(1.7)	NA	NR
Hexachloroethane	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.75)	ND(0.66)	NA	NR
Hexachlorophene	ND(1.3)	ND(1.3)	ND(1.3)	NA	ND(1.3)	NA	NR
Hexachloropropene	ND(1.7)	ND(1.7)	ND(1.7)	ND(0.71)	ND(1.7)	NA	NR
Indeno(1,2,3-cd)pyrene	0.67	ND(0.66)	ND(0.66)	0.20 J	1.1	NA	NR
Isodrin	ND(0.99)	ND(0.99)	ND(0.99)	ND(1.2)	ND(0.99)	NA	NR
Isophorone	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.85)	ND(0.66)	NA	NR
Isosafrole	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.6)	ND(0.66)	NA	NR
Methapyrilene	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.6)	ND(2.0)	NA	NR
Methyl Methanesulfonate	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.88)	ND(1.3)	NA	NR
Naphthalene	ND(0.33)	ND(0.33)	ND(0.33)	0.057 J	ND(0.33)	NA	NR
Nitrobenzene	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.85)	ND(1.3)	NA	NR
N-Nitrosodiethylamine	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.75)	ND(0.99)	NA	NR
N-Nitrosodimethylamine	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.82)	ND(0.99)	NA	NR
N-Nitroso-di-n-butylamine	ND(0.66)	ND(0.66)	ND(0.66)	ND(1.8)	ND(0.66)	NA	NR
N-Nitroso-di-n-propylamine	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.76)	ND(1.3)	NA	NR
N-Nitrosodiphenylamine	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.0)	NA	NR
N-Nitrosomethylethylamine	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.68)	ND(0.99)	NA	NR
N-Nitrosomorpholine	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.94)	ND(0.66)	NA	NR
N-Nitrosopiperidine	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.92)	ND(0.66)	NA	NR
N-Nitrosopyrrolidine	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.66)	ND(0.99)	NA	NR
o,o,o-Triethylphosphorothioate	ND(7.3)	ND(7.3)	ND(7.3)	ND(6.6)	ND(7.3)	NA	NR
o-Toluidine	ND(1.7)	ND(1.7)	ND(1.7)	ND(2.5)	ND(1.7)	NA	NR
Paraldehyde	NA	NA	NA	ND(0.45)	NA	NA	NR
p-Dimethylaminoazobenzene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.84)	ND(0.66)	NA	NR
Pentachlorobenzene	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.82)	ND(0.66)	NA	NR
Pentachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(1.0)	ND(0.0010)	NA	NR
Pentachloronitrobenzene	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.80)	ND(0.99)	NA	NR

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-21(B) PN21B0406 4-6 06/15/95	NS-22(B) PN22B0608 6-8 06/15/95	NS-23(B) PN23B006 0-0.5 06/22/95	NS-24 NS-24 0-0.5 10/06/93	NS-24(B) PN24B0002 0-2 06/13/95	NS-33 NS-33 12-14 02/06/96	NS-34 N34B0810 8-10 11/13/96
Semivolatile Organics(continued)							
Pentachlorophenol	ND(3.6)	ND(3.6)	ND(3.6)	ND(1.8)	ND(3.6)	NA	NR
Phenacetin	ND(1.3)	ND(1.3)	ND(1.3)	ND(0.76)	ND(1.3)	NA	NR
Phenanthrene	1.9	ND(0.99)	ND(0.99)	0.65 J	1.9	NA	NR
Phenol	ND(0.99)	ND(0.99)	ND(0.99)	0.16 J	ND(0.99)	NA	NR
Pronamide	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.81)	ND(0.99)	NA	NR
Pyrene	4.9	ND(0.66)	0.92	0.89 J	3.1	NA	NR
Pyridine	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.69)	ND(0.0010)	NA	NR
Safrole	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.72)	ND(0.33)	NA	NR
Thionazin	ND(3.0)	ND(3.0)	ND(3.0)	ND(0.84)	ND(3.0)	NA	NR
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	ND(0.0042)	NA	NA	NA
Disulfoton	NA	NA	NA	ND(0.0042)	NA	NA	NA
Ethyl Parathion	NA	NA	NA	ND(0.0042)	NA	NA	NA
Famphur	NA	NA	NA	ND(2.5)	NA	NA	NA
Methyl Parathion	NA	NA	NA	ND(0.0042)	NA	NA	NA
Phorate	NA	NA	NA	ND(0.0042)	NA	NA	NA
Sulfotep	NA	NA	NA	ND(0.0042)	NA	NA	NA
Herbicides							
2,4,5-T	NA	NA	NA	ND(0.16)	NA	NA	NA
2,4,5-TP	NA	NA	NA	ND(0.16)	NA	NA	NA
2,4-D	NA	NA	NA	ND(0.62)	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000043	ND(0.0000039)	0.000078	ND(0.000099)	0.0036	NA	0.00016 Y
TCDFs (total)	0.00040	ND(0.0000039)	0.00086	ND(0.00010)	0.018	NA	0.0012
1,2,3,7,8-PeCDF	0.000040	ND(0.0000050)	0.000039	ND(0.00015)	0.0027	NA	0.000096
2,3,4,7,8-PeCDF	0.000087	ND(0.0000050)	0.000055	ND(0.00016)	0.0035	NA	0.00014
PeCDFs (total)	0.0024	ND(0.0000050)	0.0014	ND(0.00016)	0.020	NA	0.0013
1,2,3,4,7,8-HxCDF	0.00042	ND(0.0000024)	0.000044	ND(0.00018)	0.0064	NA	0.00053
1,2,3,6,7,8-HxCDF	0.000036	ND(0.0000021)	0.000026	ND(0.00014)	0.0021	NA	0.00020
1,2,3,7,8,9-HxCDF	ND(0.0000032)	ND(0.0000029)	0.000015	ND(0.00034)	0.00012	NA	0.000018
2,3,4,6,7,8-HxCDF	0.000087	ND(0.0000024)	0.000053	ND(0.00026)	0.00060	NA	0.00013 X
HxCDFs (total)	0.0024	ND(0.0000029)	0.0013	ND(0.00034)	0.015	NA	0.0015
1,2,3,4,6,7,8-HpCDF	0.00014	ND(0.0000035)	0.00011	ND(0.00027)	0.0035	NA	0.00029
1,2,3,4,7,8,9-HpCDF	0.000016	ND(0.0000044)	0.000013	ND(0.00029)	0.00084	NA	0.00015
HpCDFs (total)	0.00061	ND(0.0000044)	0.00033	ND(0.00029)	0.0054	NA	0.00063
OCDF	0.000066	ND(0.0000081)	0.000093	ND(0.00054)	0.0026	NA	0.00023

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-21(B) PN21B0406 4-6 06/15/95	NS-22(B) PN22B0608 6-8 06/15/95	NS-23(B) PN23B006 0-0.5 06/22/95	NS-24 NS-24 0-0.5 10/06/93	NS-24(B) PN24B0002 0-2 06/13/95	NS-33 NS-33 12-14 02/06/96	NS-34 N34B0810 8-10 11/13/96
Dioxins								
2,3,7,8-TCDD		ND(0.0000074)	ND(0.0000030)	ND(0.0000027)	ND(0.00011)	ND(0.000010)	NA	ND(0.00000084)
TCDDs (total)		ND(0.0000074)	ND(0.0000030)	0.0000081	ND(0.00011)	0.00016	NA	0.000014
1,2,3,7,8-PeCDD		ND(0.0000045)	ND(0.0000085)	ND(0.0000044)	ND(0.00020)	ND(0.000038) I	NA	ND(0.0000024)
PeCDDs (total)		ND(0.0000045)	ND(0.0000085)	ND(0.0000044)	ND(0.00020)	ND(0.00013) I	NA	ND(0.000011)
1,2,3,4,7,8-HxCDD		ND(0.000013)	ND(0.0000057)	ND(0.0000021)	ND(0.00032)	0.000024	NA	ND(0.0000025)
1,2,3,6,7,8-HxCDD		ND(0.000011)	ND(0.0000050)	ND(0.0000038) I	ND(0.00016)	0.000051	NA	ND(0.0000046)
1,2,3,7,8,9-HxCDD		ND(0.000011)	ND(0.0000051)	ND(0.0000026) I	ND(0.00027)	0.000017	NA	0.0000070 J
HxCDDs (total)		ND(0.000013)	ND(0.0000057)	0.000036	ND(0.00032)	0.00038	NA	0.000052
1,2,3,4,6,7,8-HpCDD		0.000018	ND(0.0000062)	0.000054	ND(0.00033)	0.00032	NA	0.000026
HpCDDs (total)		0.000036	ND(0.0000062)	0.00010	ND(0.00033)	0.00075	NA	0.000052
OCDD		0.00010	ND(0.0000072)	0.00038	ND(0.00043)	0.00043	NA	0.000058
Total TEQs (WHO TEFs)		0.00011	0.0000087	0.000057	0.00029	0.0032	NA	0.00019
Inorganics								
Aluminum		NA	NA	NA	12100 E	NA	NA	NA
Antimony		1.67	0.615	1.22	ND(8.70)	125	NA	8.80 BN
Arsenic		4.08	5.52	5.71	14.2	26.4	NA	12.1
Barium		76.2	7.51	80.8	118	582	NA	243
Beryllium		0.206	0.331	0.170	ND(1.10)	0.454	NA	1.40 B
Cadmium		1.70	2.45	1.90	ND(1.20)	18.4	NA	ND(0.800)
Calcium		NA	NA	NA	12500 E	NA	NA	NA
Chromium		12.5	7.23	10.4	17.0	214	NA	40.5
Cobalt		9.36	10.4	6.80	7.80 B	25.0	NA	36.1
Copper		251	17.3	48.5	75.8	10900	NA	192 N*
Cyanide		5.80	ND(4.00)	ND(4.00)	NA	ND(4.00)	NA	ND(9.50)
Iron		NA	NA	NA	24900	NA	NA	NA
Lead		211	7.23	168	200	12000	NA	46.5 E*
Magnesium		NA	NA	NA	6250 E	NA	NA	NA
Manganese		NA	NA	NA	354 E	NA	NA	NA
Mercury		ND(0.167)	ND(0.167)	ND(0.167)	0.680	2.20	NA	0.150 B
Nickel		13.5	13.6	13.7	25.9	133	NA	53.6
Potassium		NA	NA	NA	583 B	NA	NA	NA
Selenium		0.749	1.45	1.05	4.70 A	4.12	NA	2.60
Silver		ND(0.0430)	ND(0.0430)	ND(0.0430)	ND(1.30)	23.0	NA	1.80 B
Sodium		NA	NA	NA	105 B	NA	NA	NA
Sulfide		ND(200)	ND(200)	ND(10.0)	NA	ND(200)	NA	ND(758)
Thallium		ND(0.136)	ND(0.136)	ND(0.136)	ND(1.20) W	1.02	NA	ND(1.70)
Tin		30.2	7.28	15.6	32.1	1220	NA	ND(4.90)
Vanadium		8.94	9.40	13.8	31.0	26.1	NA	46.5
Zinc		134	45.1	186	289	3020	NA	407 E
Conventional Parameters								
Total Phenols		NA	NA	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-35 N35B0608 6-8 11/12/96	NS-36 N36B1012 10-12 11/14/96	NS-37 N37B1012 10-12 11/15/96	RAA13-2 RAA13-2 1-3 05/02/01	RAA13-3 RAA13-3 0-1 05/02/01	RAA13-3 RAA13-3 3-6 05/02/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,1,2,2-Tetrachloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,1-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,1-Dichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,2,3-Trichloropropane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,2-Dibromo-3-chloropropane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,2-Dibromoethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,2-Dichloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
1,4-Dioxane	ND(1.1)	ND(1.3)	ND(1.3)	ND(0.20)	ND(0.20) [ND(0.20)]	NA
2-Butanone	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.10) [ND(0.10)]	NA
2-Chloro-1,3-butadiene	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
2-Chloroethylvinylether	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
2-Hexanone	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
3-Chloropropene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
4-Methyl-2-pentanone	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Acetone	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.10)	ND(0.10) [ND(0.10)]	NA
Acetonitrile	ND(0.23)	ND(0.26)	ND(0.27)	ND(0.12)	ND(0.14) [ND(0.14)]	NA
Acrolein	ND(0.057)	ND(0.065)	ND(0.067)	ND(0.12)	ND(0.14) [ND(0.14)]	NA
Acrylonitrile	ND(0.057)	ND(0.065)	ND(0.067)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Benzene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Bromodichloromethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Bromoform	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Bromomethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Carbon Disulfide	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.010)	ND(0.010) [ND(0.010)]	NA
Carbon Tetrachloride	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Chlorobenzene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Chloroethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Chloroform	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Chloromethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
cis-1,2-Dichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0070)	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Dibromomethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Dichlorodifluoromethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Ethyl Methacrylate	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Ethylbenzene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Iodomethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Isobutanol	ND(0.45)	ND(0.52)	ND(0.53)	ND(0.25)	ND(0.28) [ND(0.28)]	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Methyl Methacrylate	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Methylene Chloride	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Pentachloroethane	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.045)	ND(0.052)	ND(0.053)	ND(0.062)	ND(0.070) [ND(0.070)]	NA
Pyridine	NA	NA	NA	NA	NA	NA
Styrene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Tetrachloroethene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Toluene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
trans-1,2-Dichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
trans-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Trichloroethene	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Trichlorofluoromethane	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA
Vinyl Acetate	ND(0.011)	ND(0.013)	ND(0.013)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Vinyl Chloride	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.012)	ND(0.014) [ND(0.014)]	NA
Xylenes (total)	ND(0.0060)	ND(0.0060)	ND(0.0070)	ND(0.0062)	ND(0.0070) [ND(0.0070)]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-35 N35B0608 6-8 11/12/96	NS-36 N36B1012 10-12 11/14/96	NS-37 N37B1012 10-12 11/15/96	RAA13-2 RAA13-2 1-3 05/02/01	RAA13-3 RAA13-3 0-1 05/02/01	RAA13-3 RAA13-3 3-6 05/02/01
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	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,2-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,2-Diphenylhydrazine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
1,3-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,3-Dinitrobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
1,4-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,4,5-Trichlorophenol	ND(0.91)	ND(1.0)	ND(1.1)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,4,6-Trichlorophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,4-Dichlorophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,4-Dimethylphenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,4-Dinitrophenol	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
2,4-Dinitrotoluene	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
2,6-Dichlorophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2,6-Dinitrotoluene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2-Acetylaminofluorene	ND(0.75)	ND(0.86)	ND(0.88)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
2-Chloronaphthalene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2-Chlorophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2-Methylnaphthalene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2-Methylphenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
2-Naphthylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
2-Nitroaniline	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
2-Nitrophenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	ND(0.75)	ND(0.86)	ND(0.88)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
3&4-Methylphenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
3,3'-Dichlorobenzidine	ND(0.75)	ND(0.86)	ND(0.88)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.75)	ND(0.86)	ND(0.88)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
3-Methylcholanthrene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
3-Methylphenol	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
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	ND(0.91)	ND(1.0)	ND(1.1)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
4-Aminobiphenyl	ND(0.75)	ND(0.86)	ND(0.88)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
4-Chloroaniline	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
4-Chlorobenzilate	ND(0.75)	ND(0.86)	ND(0.88)	ND(2.4)	ND(2.4) [ND(2.4)]	ND(3.0)
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
4-Methylphenol	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
4-Nitrophenol	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
4-Nitroquinoline-1-oxide	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
4-Phenylenediamine	ND(0.75)	ND(0.86)	ND(0.88)	ND(2.4)	ND(2.4) [ND(2.4)]	ND(3.0)
5-Nitro-o-toluidine	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.86)	ND(0.88)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
a,a'-Dimethylphenethylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
Acenaphthene	ND(0.37)	ND(0.43)	ND(0.44)	5.0	ND(0.47) [ND(0.51)]	ND(0.58)
Acenaphthylene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Acetophenone	ND(0.37)	ND(0.43)	0.063 JB	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-35 N35B0608 6-8 11/12/96	NS-36 N36B1012 10-12 11/14/96	NS-37 N37B1012 10-12 11/15/96	RAA13-2 RAA13-2 1-3 05/02/01	RAA13-3 RAA13-3 0-1 05/02/01	RAA13-3 RAA13-3 3-6 05/02/01
Semivolatile Organics(continued)						
Aniline	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Anthracene	ND(0.37)	ND(0.43)	ND(0.44)	8.5	ND(0.47) [ND(0.51)]	ND(0.58)
Aramite	ND(0.75)	ND(0.86)	ND(0.88)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Benzo(a)anthracene	ND(0.37)	ND(0.43)	ND(0.44)	9.2	ND(0.47) [ND(0.51)]	ND(0.58)
Benzo(a)pyrene	ND(0.37)	ND(0.43)	ND(0.44)	9.5	ND(0.47) [0.72]	ND(0.58)
Benzo(b)fluoranthene	ND(0.37)	ND(0.43)	ND(0.44)	9.5	0.49 [0.80]	ND(0.58)
Benzo(g,h,i)perylene	ND(0.37)	ND(0.43)	ND(0.44)	5.6	ND(0.47) [0.72]	ND(0.58)
Benzo(k)fluoranthene	ND(0.37)	ND(0.43)	0.063 JZ	7.6	ND(0.47) [0.65]	ND(0.58)
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
bis(2-Ethylhexyl)phthalate	0.061 J	0.069 JB	0.051 JB	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Butylbenzylphthalate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Chrysene	ND(0.37)	ND(0.43)	0.045 J	8.7	ND(0.47) [0.67]	ND(0.58)
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.43)	ND(0.44)	1.3	ND(0.94) [ND(1.0)]	ND(1.2)
Dibenzofuran	ND(0.37)	ND(0.43)	ND(0.44)	2.4	ND(0.47) [ND(0.51)]	ND(0.58)
Diethylphthalate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Dimethylphthalate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Di-n-Butylphthalate	0.26 J	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Di-n-Octylphthalate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Dinoseb	NA	ND(0.43)	ND(0.44)	NA	NA	NA
Diphenylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Ethyl Methanesulfonate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Fluoranthene	ND(0.37)	ND(0.43)	0.050 J	19	0.57 [1.0]	ND(0.58)
Fluorene	ND(0.37)	ND(0.43)	ND(0.44)	3.8	ND(0.47) [ND(0.51)]	ND(0.58)
Hexachlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Hexachlorobutadiene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Hexachlorocyclopentadiene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Hexachloroethane	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Hexachlorophene	ND(1.9)	ND(2.1)	ND(2.2)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Hexachloropropene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.43)	ND(0.44)	7.8	ND(0.94) [ND(1.0)]	ND(1.2)
Isodrin	NA	NA	NA	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Isophorone	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Isosafrole	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
Methapyrilene	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
Methyl Methanesulfonate	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Naphthalene	ND(0.37)	ND(0.43)	ND(0.44)	5.0	ND(0.47) [ND(0.51)]	ND(0.58)
Nitrobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
N-Nitrosodiethylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
N-Nitrosodimethylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.3) [ND(2.5)]	ND(2.9)
N-Nitroso-di-n-butylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
N-Nitrosodiphenylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
N-Nitrosomethylethylamine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.82)	ND(0.94) [ND(0.94)]	ND(1.2)
N-Nitrosomorpholine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
N-Nitrosopiperidine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
N-Nitrosopyrrolidine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.96)	ND(0.94) [ND(1.0)]	ND(1.2)
o,o,o-Triethylphosphorothioate	NA	NA	NA	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
o-Toluidine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
Pentachlorobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Pentachloroethane	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Pentachloronitrobenzene	ND(0.37)	ND(0.43)	ND(0.44)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)

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

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

Parameter / Location ID:	NS-35	NS-36	NS-37	RAA13-2	RAA13-3	RAA13-3
Sample ID:	N35B0608	N36B1012	N37B1012	RAA13-2	RAA13-3	RAA13-3
Sample Depth(Feet):	6-8	10-12	10-12	1-3	0-1	3-6
Date Collected:	11/12/96	11/14/96	11/15/96	05/02/01	05/02/01	05/02/01
Semivolatile Organics(continued)						
Pentachlorophenol	ND(0.91)	ND(1.0)	ND(1.1)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
Phenacetin	ND(0.75)	ND(0.86)	ND(0.88)	ND(2.4)	ND(2.4) [ND(2.5)]	ND(3.0)
Phenanthrene	ND(0.37)	ND(0.43)	ND(0.44)	19	ND(0.47) [ND(0.51)]	ND(0.58)
Phenol	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Pronamide	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Pyrene	ND(0.37)	ND(0.43)	0.059 J	17	0.66 [1.2]	ND(0.58)
Pyridine	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Safrole	ND(0.37)	ND(0.43)	ND(0.44)	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
Thionazin	NA	NA	NA	ND(0.48)	ND(0.47) [ND(0.51)]	ND(0.58)
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
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
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	ND(0.37)	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000037 Y	0.0000047 Y	0.000076 Y	ND(0.000011)	0.00053 [0.0053]	ND(0.0000088)
TCDFs (total)	0.00029	0.000025	0.00055	ND(0.000011)	0.0014 [0.021]	ND(0.0000088)
1,2,3,7,8-PeCDF	0.000023	ND(0.0000017)	0.000047	0.000058	ND(0.00091) X [0.000036]	ND(0.0000079)
2,3,4,7,8-PeCDF	0.000024	ND(0.0000026)	0.000047	ND(0.0000083)	0.00046 [0.00011]	ND(0.0000076)
PeCDFs (total)	0.00031	0.000019	0.00045	0.000058	0.0057 [0.0027]	ND(0.0000076)
1,2,3,4,7,8-HxCDF	0.000070	0.0000075 J	0.000098	ND(0.0000089)	ND(0.00013) [0.00082]	ND(0.0000065)
1,2,3,6,7,8-HxCDF	0.000033	ND(0.0000030)	0.000047	0.0011 I	0.029 I [0.0060 I]	ND(0.0000055)
1,2,3,7,8,9-HxCDF	ND(0.00000081)	ND(0.00000023)	ND(0.0000032)	ND(0.000013)	ND(0.00018) [ND(0.000043) X]	ND(0.0000092)
2,3,4,6,7,8-HxCDF	0.0000091 J	ND(0.0000027)	0.000015	ND(0.0000092)	ND(0.00019) X [0.00038]	ND(0.0000067)
HxCDFs (total)	0.00022	0.000027	0.00025	0.0012	0.048 [0.025]	ND(0.0000055)
1,2,3,4,6,7,8-HpCDF	0.000061	0.0000066 J	0.000066	0.000024	0.0020 [0.0017]	ND(0.0000044)
1,2,3,4,7,8,9-HpCDF	0.000013	ND(0.0000018)	0.000016	ND(0.0000067)	0.00026 [0.00059]	ND(0.0000062)
HpCDFs (total)	0.00011	0.0000066	0.00010	0.000024	0.0059 [0.0094]	ND(0.0000044)
OCDF	0.000044	ND(0.0000067)	0.000038	ND(0.000021) X	0.0010 [0.00049]	ND(0.0000097)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-35 N35B0608 6-8 11/12/96	NS-36 N36B1012 10-12 11/14/96	NS-37 N37B1012 10-12 11/15/96	RAA13-2 RAA13-2 1-3 05/02/01	RAA13-3 RAA13-3 0-1 05/02/01	RAA13-3 RAA13-3 3-6 05/02/01
Dioxins						
2,3,7,8-TCDD	ND(0.00000063)	ND(0.00000048)	ND(0.00000085)	ND(0.0000038)	ND(0.000011) [ND(0.000021)]	ND(0.0000072)
TCDDs (total)	0.0000029	ND(0.00000048)	0.0000050	ND(0.000011)	ND(0.000011) [0.00052]	ND(0.0000072)
1,2,3,7,8-PeCDD	ND(0.0000018)	ND(0.00000041)	ND(0.0000017)	ND(0.000015)	ND(0.000090) [ND(0.000025)]	ND(0.0000099)
PeCDDs (total)	ND(0.0000033)	ND(0.00000041)	ND(0.0000042)	ND(0.000015)	ND(0.000090) [0.00034]	ND(0.0000099)
1,2,3,4,7,8-HxCDD	ND(0.00000064)	ND(0.00000073)	ND(0.00000091)	ND(0.000013)	ND(0.000040) [ND(0.0000093) X]	ND(0.000010)
1,2,3,6,7,8-HxCDD	ND(0.0000011)	ND(0.00000063)	ND(0.0000012)	ND(0.0000088)	ND(0.000027) [ND(0.0000081) X]	ND(0.0000068)
1,2,3,7,8,9-HxCDD	ND(0.0000015)	ND(0.00000067)	ND(0.0000021)	ND(0.000011)	ND(0.000032) [0.000018]	ND(0.0000082)
HxCDDs (total)	ND(0.0000042)	ND(0.0000051)	ND(0.0000049)	ND(0.0000088)	ND(0.000027) [0.00019]	ND(0.0000068)
1,2,3,4,6,7,8-HpCDD	0.0000078 J	ND(0.0000019)	0.0000071 J	ND(0.0000066)	0.00011 [0.000076]	ND(0.0000066)
HpCDDs (total)	0.000015	ND(0.0000019)	0.000014	ND(0.0000066)	0.00011 [0.00016]	ND(0.0000066)
OCDD	0.000030	ND(0.0000092)	0.000013 J	0.000025	0.00036 [0.00025]	0.000015 B
Total TEQs (WHO TEFs)	0.000030	0.0000028	0.000052	0.00013	0.0033 [0.0014]	0.000014
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	3.70 BN	ND(1.80) N	ND(1.80) N	ND(11.0)	1.50 B [ND(13.0)]	ND(16.0)
Arsenic	3.20	7.90	2.50	7.10 B	13.0 B [11.0 B]	5.00 B
Barium	11.6 B	10.9 BE	39.4	25.0 B	60.0 [55.0]	39.0 B
Beryllium	0.130 B	0.180 B	0.320 B	0.250	0.360 [0.310]	0.400
Cadmium	ND(0.240)	0.330 BN	0.500 BN	ND(1.80)	0.140 B [ND(2.10)]	ND(2.60)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	4.70	17.3 E	11.0	7.00	16.0 [14.0]	12.0
Cobalt	15.1	20.3 E	7.50	9.60	14.0 [11.0]	8.90 B
Copper	20.9 N*	35.3	37.7 N	22.0	61.0 [54.0]	18.0 B
Cyanide	ND(2.90)	ND(3.30)	ND(3.30)	ND(1.00)	ND(1.00) [0.0590 B]	ND(1.00)
Iron	NA	NA	NA	NA	NA	NA
Lead	13.5 E*	12.8 E	55.0	15.0	140 [120]	13.0
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	ND(0.0400)	0.120 B	0.0700 B	ND(0.250)	0.350 [0.360]	ND(0.350)
Nickel	11.8	32.3	12.9	15.0	26.0 [22.0]	15.0
Potassium	NA	NA	NA	NA	NA	NA
Selenium	0.320 B	ND(0.350)	0.640 B	ND(0.920)	0.900 B [ND(1.00)]	ND(1.30)
Silver	ND(0.390)	ND(0.440)	ND(0.450)	ND(0.920)	ND(1.00) [ND(1.00)]	ND(1.30)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	297	ND(260)	345	20.0	16.0 [27.0]	94.0
Thallium	ND(0.530)	ND(0.600)	ND(0.610)	1.00 B	1.50 B [1.30 B]	ND(2.60)
Tin	ND(1.50)	ND(1.70) N	ND(1.70) N*	ND(9.20)	7.80 B [7.70 B]	5.10 B
Vanadium	4.90 B	11.8 E	8.40	9.80	19.0 [17.0]	12.0 B
Zinc	63.7 E	89.8 E	97.3 E	50.0	160 [130]	59.0
Conventional Parameters						
Total Phenols	NA	NA	NA	NA	NA	NA

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

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

Location ID:	RAA13-3	RB-7	RB-7	RB-8-3	RB-9	SL0105	SL0124
Sample ID:	RAA13-3	RNRB70002	RNRB70204	RB-8-3	RB-9	081298BT35	081398BT27
Sample Depth(Feet):	4-6	0-2	2-4	0-0.5	0-0.5	0-0.5	0-0.5
Parameter Date Collected:	05/02/01	05/21/91	05/21/91	06/14/95	06/14/95	08/12/98	08/13/98
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	ND(0.011)	ND(0.012)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,1,2,2-Tetrachloroethane	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	0.0020 JB	0.0010 JB	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,1-Dichloroethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,1-Dichloroethene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,2,3-Trichloropropane	ND(0.0074)	ND(0.017)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.0059)	ND(0.0066)
1,2-Dibromo-3-chloropropane	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
1,2-Dibromoethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,2-Dichloroethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,2-Dichloroethene (total)	NA	ND(0.0060)	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
1,4-Dioxane	ND(0.20)	NA	NA	ND(0.020)	ND(0.020)	ND(0.59)	ND(0.66)
2-Butanone	ND(0.10)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.024)	ND(0.026)
2-Chloro-1,3-butadiene	ND(0.0074)	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
2-Chloroethylvinylether	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.059)	ND(0.066)
2-Hexanone	ND(0.015)	ND(0.017)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.024)	ND(0.026)
3-Chloropropene	ND(0.015)	ND(0.017)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.013)
4-Methyl-2-pentanone	ND(0.015)	ND(0.017)	ND(0.018)	ND(0.010)	ND(0.010)	ND(0.024)	ND(0.026)
Acetone	ND(0.10)	0.0040 JB	ND(0.012)	ND(0.020)	ND(0.020)	ND(0.012)	ND(0.013)
Acetonitrile	ND(0.15)	NA	NA	ND(0.010)	ND(0.010)	ND(0.12)	ND(0.13)
Acrolein	ND(0.15)	ND(0.10)	ND(0.11)	ND(0.010)	ND(0.010)	ND(0.12)	ND(0.13)
Acrylonitrile	ND(0 015)	ND(0.14)	ND(0.14)	ND(0.010)	ND(0.010)	ND(0.12)	ND(0.13)
Benzene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Bromodichloromethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Bromoform	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Bromomethane	ND(0.015)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
Carbon Disulfide	ND(0.010)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Carbon Tetrachloride	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Chlorobenzene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Chloroethane	ND(0.015)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
Chloroform	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Chloromethane	ND(0.015)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	ND(0.0029)	ND(0.0033)
cis-1,3-Dichloropropene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
cis-1,4-Dichloro-2-butene	NA	ND(0.017)	ND(0.018)	NA	NA	NA	NA
Crotonaldehyde	NA	ND(0.11)	ND(0.12)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Dibromomethane	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Dichlorodifluoromethane	ND(0.015)	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
Ethyl Methacrylate	ND(0.015)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.0059)	ND(0.0066)
Ethylbenzene	ND(0.0074)	ND(0.0060)	ND(0.0060)	0.0020	ND(0.0010)	ND(0.0059)	ND(0.0066)
Iodomethane	ND(0.0074)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Isobutanol	ND(0.30)	NA	NA	ND(0.010)	ND(0.010)	ND(0.24)	ND(0.26)
m&p-Xylene	NA	NA	NA	0.013	ND(0.0010)	NA	NA
Methacrylonitrile	ND(0.015)	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Methyl Methacrylate	ND(0.015)	NA	NA	ND(0.010)	ND(0.010)	ND(0.0059)	ND(0.0066)
Methylene Chloride	ND(0.0074)	0.030 B	0.027 B	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Pentachloroethane	NA	NA	NA	ND(0.0010)	ND(0.0010)	NA	NA
Propionitrile	ND(0.074)	NA	NA	ND(0.010)	ND(0.010)	ND(0.024)	ND(0.026)
Pyridine	NA	NA	NA	ND(0.020)	ND(0.020)	NA	NA
Styrene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Tetrachloroethene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Toluene	ND(0.0074)	ND(0.0060)	ND(0.0060)	0.018	ND(0.0010)	ND(0.0059)	ND(0.0066)
trans-1,2-Dichloroethene	ND(0.0074)	NA	NA	ND(0.0010)	ND(0.0010)	ND(0.0029)	ND(0.0033)
trans-1,3-Dichloropropene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
trans-1,4-Dichloro-2-butene	ND(0.015)	ND(0.017)	ND(0.018)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Trichloroethene	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.0059)	ND(0.0066)
Trichlorofluoromethane	ND(0.0074)	ND(0.0060)	ND(0.0060)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
Vinyl Acetate	ND(0.015)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.013)
Vinyl Chloride	ND(0.015)	ND(0.011)	ND(0.012)	ND(0.0010)	ND(0.0010)	ND(0.012)	ND(0.013)
Xylenes (total)	ND(0.0074)	ND(0.0060)	ND(0.0060)	NA	NA	ND(0.0059)	ND(0.0066)

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

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

Location ID:	RAA13-3	RB-7	RB-7	RB-8-3	RB-9	SL0105	SL0124
Sample ID:	RAA13-3	RNRB70002	RNRB70204	RB-8-3	RB-9	081298BT35	081398BT27
Sample Depth(Feet):	4-6	0-2	2-4	0-0.5	0-0.5	0-0.5	0-0.5
Parameter Date Collected:	05/02/01	05/21/91	05/21/91	06/14/95	06/14/95	08/12/98	08/13/98
Semivolatile Organics							
1,2,3,4-Tetrachlorobenzene	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	0.092 JZ	ND(0.76)	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	0.11 J	ND(0.76)	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	0.092 JZ	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	0.31 J
1,2,4-Trichlorobenzene	NA	0.38	0.096 J	ND(0.33)	ND(0.33)	ND(3.9)	0.97 J
1,2-Dichlorobenzene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
1,2-Diphenylhydrazine	NA	ND(0.37)	ND(0.76)	ND(3.0)	ND(3.0)	ND(3.9)	ND(4.4)
1,3,5-Trichlorobenzene	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(0.75)	ND(1.5)	ND(3.0)	ND(3.0)	ND(19)	ND(21)
1,3-Dichlorobenzene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
1,3-Dinitrobenzene	NA	NA	NA	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
1,4-Dinitrobenzene	NA	ND(0.75)	ND(1.5)	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(0.75)	ND(1.5)	ND(2.3)	ND(2.3)	ND(19)	ND(21)
1-Chloronaphthalene	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
1-Methylnaphthalene	NA	0.052 J	ND(0.76)	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.75)	ND(1.5)	ND(2.3)	ND(2.3)	ND(3.9)	ND(4.4)
2,3,4,6-Tetrachlorophenol	NA	ND(0.75)	ND(1.5)	ND(2.3)	ND(2.3)	ND(3.9)	ND(4.4)
2,4,5-Trichlorophenol	NA	ND(0.75)	ND(1.5)	ND(1.7)	ND(1.7)	ND(3.9)	ND(4.4)
2,4,6-Trichlorophenol	NA	ND(0.75)	ND(1.5)	ND(1.7)	ND(1.7)	ND(3.9)	ND(4.4)
2,4-Dichlorophenol	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
2,4-Dimethylphenol	NA	0.047 J	ND(0.76)	ND(2.3)	ND(2.3)	ND(3.9)	ND(4.4)
2,4-Dinitrophenol	NA	ND(1.5)	ND(3.0)	ND(5.0)	ND(5.0)	ND(19)	ND(21)
2,4-Dinitrotoluene	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
2,6-Dichlorophenol	NA	ND(0.75)	ND(1.5)	ND(1.7)	ND(1.7)	ND(3.9)	ND(4.4)
2,6-Dinitrotoluene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
2-Acetylaminofluorene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(7.8)	ND(8.7)
2-Chloronaphthalene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
2-Chlorophenol	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
2-Methylnaphthalene	NA	ND(0.37)	0.41 J	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
2-Methylphenol	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
2-Naphthylamine	NA	ND(0.75)	ND(1.5)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
2-Nitroaniline	NA	ND(0.37)	ND(0.76)	ND(2.0)	ND(2.0)	ND(19)	ND(21)
2-Nitrophenol	NA	ND(0.37)	ND(0.76)	ND(0.33)	ND(0.33)	ND(3.9)	ND(4.4)
2-Phenylenediamine	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
2-Picoline	NA	ND(0.75)	ND(1.5)	ND(3.0)	ND(3.0)	ND(7.8)	ND(8.7)
3&4-Methylphenol	NA	0.062 J	ND(0.76)	NA	NA	ND(3.9)	ND(4.4)
3,3'-Dichlorobenzidine	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(19)	ND(21)
3,3'-Dimethoxybenzidine	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(0.75)	ND(1.5)	ND(6.6)	ND(6.6)	ND(19)	ND(21)
3-Methylcholanthrene	NA	ND(0.37)	ND(0.76)	ND(0.33)	ND(0.33)	ND(7.8)	ND(8.7)
3-Methylphenol	NA	NA	NA	ND(0.66)	ND(0.66)	NA	NA
3-Nitroaniline	NA	ND(0.75)	ND(1.5)	ND(0.66)	ND(0.66)	ND(19)	ND(21)
3-Phenylenediamine	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.1)	ND(2.3)	ND(3.0)	ND(3.0)	ND(19)	ND(21)
4-Aminobiphenyl	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(19)	ND(21)
4-Bromophenyl-phenylether	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
4-Chloro-3-Methylphenol	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
4-Chloroaniline	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
4-Chlorobenzilate	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
4-Chlorophenyl-phenylether	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
4-Methylphenol	NA	NA	NA	ND(0.66)	ND(0.66)	NA	NA
4-Nitroaniline	NA	ND(0.75)	ND(1.5)	ND(2.0)	ND(2.0)	ND(19)	ND(21)
4-Nitrophenol	NA	ND(0.37)	ND(0.76)	ND(3.0)	ND(3.0)	ND(19)	ND(21)
4-Nitroquinoline-1-oxide	NA	NA	NA	ND(5.0)	ND(5.0)	ND(39)	ND(44)
4-Phenylenediamine	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(39)	ND(44)
5-Nitro-o-toluidine	NA	ND(0.75)	ND(1.5)	ND(2.0)	ND(2.0)	ND(7.8)	ND(8.7)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.37)	0.080 J	ND(0.66)	ND(0.66)	ND(7.8)	ND(8.7)
a,a'-Dimethylphenethylamine	NA	ND(0.37)	ND(0.76)	ND(2.3)	ND(2.3)	ND(19)	ND(21)
Acenaphthene	NA	ND(0.37)	ND(0.76)	ND(0.66)	0.73	0.30 J	ND(4.4)
Acenaphthylene	NA	0.33 J	1.7	ND(0.66)	2.9	1.7 J	ND(4.4)
Acetophenone	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	RAA13-3 RAA13-3 4-6 05/02/01	RB-7 RNRB70002 0-2 05/21/91	RB-7 RNRB70204 2-4 05/21/91	RB-8-3 RB-8-3 0-0.5 06/14/95	RB-9 RB-9 0-0.5 06/14/95	SL0105 081298BT35 0-0.5 08/12/98	SL0124 081398BT27 0-0.5 08/13/98
Semivolatile Organics(continued)							
Aniline	NA	0.61	0.50 J	ND(0.99)	ND(0.99)	7.2	6.5
Anthracene	NA	0.12 J	0.40 J	ND(0.66)	1.5	1.0 J	0.33 J
Aramite	NA	NA	NA	ND(1.3)	ND(1.3)	ND(19)	ND(21)
Benzal chloride	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
Benzidine	NA	ND(0.37)	ND(0.76)	ND(3.3)	ND(3.3)	ND(39)	ND(44)
Benzo(a)anthracene	NA	0.52	1.9	ND(0.66)	6.8	3.0 J	1.0 J
Benzo(a)pyrene	NA	0.59	3.8	ND(0.66)	6.7	3.5 J	1.4 J
Benzo(b)fluoranthene	NA	1.3 JZ	5.5 Z	ND(0.66)	10	3.2 J	2.6 J
Benzo(g,h,i)perylene	NA	0.47	2.9	ND(0.66)	2.4	1.1 J	0.58 J
Benzo(k)fluoranthene	NA	1.3 JZ	5.5 Z	ND(0.66)	2.0	2.4 J	ND(4.4)
Benzoic Acid	NA	ND(3.7)	ND(7.6)	NA	NA	NA	NA
Benzotrichloride	NA	ND(0.75)	ND(1.5)	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
Benzyl Chloride	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
bis(2-Chloroethyl)ether	NA	ND(0.75)	ND(1.5)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
bis(2-Chloroisopropyl)ether	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	ND(0.76)	ND(1.7)	ND(1.7)	ND(3.9)	ND(4.4)
Butylbenzylphthalate	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	0.64 J	ND(4.4)
Chrysene	NA	0.76	2.4	ND(0.66)	7.9	4.5	1.2 J
Cyclophosphamide	NA	ND(1.8)	ND(3.7)	NA	NA	NA	NA
Diallate	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(7.8)	ND(8.7)
Dibenz(a,j)acridine	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	0.18 J	0.82	ND(0.66)	ND(0.66)	0.36 J	ND(4.4)
Dibenzofuran	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Diethylphthalate	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
Dimethylphthalate	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Di-n-Butylphthalate	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NA	ND(0.37)	ND(0.76)	ND(2.0)	ND(2.0)	ND(3.9)	ND(4.4)
Ethyl Methanesulfonate	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
Fluoranthene	NA	ND(0.37)	1.5	ND(1.3)	5.2	7.0	ND(4.4)
Fluorene	NA	ND(0.37)	0.15 J	ND(0.66)	2.4	0.69 J	ND(4.4)
Hexachlorobenzene	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
Hexachlorobutadiene	NA	ND(0.37)	ND(0.76)	ND(0.33)	ND(0.33)	ND(3.9)	ND(4.4)
Hexachlorocyclopentadiene	NA	ND(0.37)	ND(0.76)	ND(1.7)	ND(1.7)	ND(19)	ND(21)
Hexachloroethane	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Hexachlorophene	NA	NA	NA	ND(1.3)	ND(1.3)	NA	NA
Hexachloropropene	NA	ND(0.37)	ND(0.76)	ND(1.7)	ND(1.7)	ND(39)	ND(44)
Indeno(1,2,3-cd)pyrene	NA	0.40	1.9	ND(0.66)	1.7	1.1 J	0.64 J
Isodrin	NA	NA	NA	ND(0.99)	ND(0.99)	NA	NA
Isophorone	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Isosafrole	NA	ND(0.75)	ND(1.5)	ND(0.66)	ND(0.66)	ND(7.8)	ND(8.7)
Methapyrilene	NA	ND(0.75)	ND(1.5)	ND(2.0)	ND(2.0)	ND(19)	ND(21)
Methyl Methanesulfonate	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
Naphthalene	NA	0.090 J	0.097 J	ND(0.33)	1.8	ND(3.9)	ND(4.4)
Nitrobenzene	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
N-Nitrosodiethylamine	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
N-Nitrosodimethylamine	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
N-Nitroso-di-n-butylamine	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
N-Nitroso-di-n-propylamine	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(3.9)	ND(4.4)
N-Nitrosodiphenylamine	NA	ND(0.37)	ND(0.76)	ND(2.0)	ND(2.0)	ND(3.9)	ND(4.4)
N-Nitrosomethylethylamine	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
N-Nitrosomorpholine	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
N-Nitrosopiperidine	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
N-Nitrosopyrrolidine	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(3.9)	ND(4.4)
o,o,o-Triethylphosphorothioate	NA	NA	NA	ND(7.3)	ND(7.3)	NA	NA
o-Toluidine	NA	ND(0.37)	ND(0.76)	ND(1.7)	ND(1.7)	ND(7.8)	ND(8.7)
Paraldehyde	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Pentachlorobenzene	NA	ND(0.37)	ND(0.76)	ND(0.66)	ND(0.66)	ND(3.9)	ND(4.4)
Pentachloroethane	NA	ND(0.37)	ND(0.76)	NA	NA	ND(19)	ND(21)
Pentachloronitrobenzene	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(19)	ND(21)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	RAA13-3 RAA13-3 4-6 05/02/01	RB-7 RNRB70002 0-2 05/21/91	RB-7 RNRB70204 2-4 05/21/91	RB-8-3 RB-8-3 0-0.5 06/14/95	RB-9 RB-9 0-0.5 06/14/95	SL0105 081298BT35 0-0.5 08/12/98	SL0124 081398BT27 0-0.5 08/13/98
Semivolatile Organics(continued)							
Pentachlorophenol	NA	ND(0.75)	ND(1.5)	ND(3.6)	ND(3.6)	ND(19)	ND(21)
Phenacetin	NA	ND(0.37)	ND(0.76)	ND(1.3)	ND(1.3)	ND(7.8)	ND(8.7)
Phenanthrene	NA	0.38	0.46 J	1.0	6.3	6.6	1.3 J
Phenol	NA	0.43	0.18 J	ND(0.99)	ND(0.99)	ND(3.9)	0.94 J
Pronamide	NA	ND(0.37)	ND(0.76)	ND(0.99)	ND(0.99)	ND(7.8)	ND(8.7)
Pyrene	NA	ND(0.37)	2.5	1.8	13	7.1	0.96 J
Pyridine	NA	ND(0.37)	ND(0.76)	NA	NA	ND(7.8)	ND(8.7)
Safrole	NA	ND(0.37)	ND(0.76)	ND(0.33)	ND(0.33)	ND(7.8)	ND(8.7)
Thionazin	NA	ND(0.37)	ND(0.76)	ND(3.0)	ND(3.0)	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	ND(0.17)	ND(0.017)	NA	NA	NA	NA
4,4'-DDE	NA	ND(0.17)	ND(0.017)	NA	NA	NA	NA
4,4'-DDT	NA	ND(0.17)	ND(0.017)	NA	NA	NA	NA
Aldrin	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Alpha-BHC	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Beta-BHC	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Delta-BHC	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Dieldrin	NA	ND(0.075)	ND(0.0075)	NA	NA	NA	NA
Endosulfan I	NA	ND(0.075)	ND(0.0075)	NA	NA	NA	NA
Endosulfan II	NA	ND(0.17)	ND(0.017)	NA	NA	NA	NA
Endosulfan Sulfate	NA	ND(0.10)	ND(0.010)	NA	NA	NA	NA
Endrin	NA	ND(0.12)	ND(0.012)	NA	NA	NA	NA
Endrin Aldehyde	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Heptachlor	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Heptachlor Epoxide	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Kepone	NA	ND(0.050)	ND(0.0050)	NA	NA	NA	NA
Methoxychlor	NA	ND(0.17)	ND(0.017)	NA	NA	NA	NA
Technical Chlordane	NA	ND(0.20)	ND(0.020)	NA	NA	NA	NA
Toxaphene	NA	ND(0.99)	ND(0.10)	NA	NA	NA	NA
Organophosphate Pesticides							
Dimethoate	NA	ND(0.37)	ND(0.76)	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-T	NA	ND(0.10)	ND(0.058)	NA	NA	NA	NA
2,4,5-TP	NA	ND(0.10)	ND(0.058)	NA	NA	NA	NA
2,4-D	NA	ND(0.40)	ND(0.23)	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	ND(7.8)	ND(8.7)
Furans							
2,3,7,8-TCDF	NA	Rejected	Rejected	0.000094	ND(0.000034)	NA	NA
TCDFs (total)	NA	Rejected	Rejected	0.00080	ND(0.000034)	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	0.000069	0.000033	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	0.000091	ND(0.000016)	NA	NA
PeCDFs (total)	NA	Rejected	Rejected	0.0010	0.000053	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.00014	0.000013	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.000070	0.000011	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.000047	ND(0.0000049)	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.000056	ND(0.0000040)	NA	NA
HxCDFs (total)	NA	Rejected	Rejected	0.00096	0.000076	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.00017	0.000019	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.000041	ND(0.0000043)	NA	NA
HpCDFs (total)	NA	Rejected	Rejected	0.00033	0.000019	NA	NA
OCDF	NA	Rejected	Rejected	0.00012	0.000037	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	RAA13-3 RAA13-3 4-6 05/02/01	RB-7 RNRB70002 0-2 05/21/91	RB-7 RNRB70204 2-4 05/21/91	RB-8-3 RB-8-3 0-0.5 06/14/95	RB-9 RB-9 0-0.5 06/14/95	SL0105 081298BT35 0-0.5 08/12/98	SL0124 081398BT27 0-0.5 08/13/98
Dioxins							
2,3,7,8-TCDD	NA	Rejected	Rejected	0.0000064	ND(0.0000074)	NA	NA
TCDDs (total)	NA	Rejected	Rejected	0.000011	ND(0.0000074)	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	ND(0.0000058)	ND(0.0000078)	NA	NA
PeCDDs (total)	NA	Rejected	Rejected	ND(0.0000058)	ND(0.0000078)	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	0.0000030	ND(0.000014)	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.0000040	ND(0.000012)	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.0000030	ND(0.000012)	NA	NA
HxCDDs (total)	NA	Rejected	Rejected	0.000044	ND(0.000014)	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.000030	ND(0.000022)	NA	NA
HpCDDs (total)	NA	Rejected	Rejected	0.000057	ND(0.000022)	NA	NA
OCDD	NA	Rejected	Rejected	0.00011	0.00015	NA	NA
Total TEQs (WHO TEFs)	NA	NC	NC	0.00010	0.000020	NA	NA
Inorganics							
Aluminum	NA	9450	6920	NA	NA	NA	NA
Antimony	NA	ND(2.60) N	ND(2.60) N	1.50	1.27	9.90	11.5
Arsenic	NA	7.90	3.70	11.3	6.34	8.00	12.6
Barium	NA	35.6 *	93.4 *	26.9	20.7	75.1	404
Beryllium	NA	0.300 B	0.240 B	0.224	0.214	0.260 B	0.590 B
Cadmium	NA	ND(0.470)	0.940	2.59	2.15	0.940	5.40
Calcium	NA	7830 E	4070 E	NA	NA	NA	NA
Chromium	NA	9.30	25.5	15.3	9.66	35.2	112
Cobalt	NA	11.6	7.40	13.3	10.1	10.7	20.4
Copper	NA	17.8	184	90.1	28.5	411	2460
Cyanide	NA	ND(0.570)	ND(0.590)	ND(4.00)	ND(4.00)	ND(2.90)	ND(3.30)
Iron	NA	24400 E	15400 E	NA	NA	NA	NA
Lead	NA	15.3 *	123 *	65.4	45.4	732	1940
Magnesium	NA	6490	4840	NA	NA	NA	NA
Manganese	NA	633 E*	269 E*	NA	NA	NA	NA
Mercury	NA	3.00	0.350	ND(0.167)	2.20	0.190	1.60
Nickel	NA	19.6	16.0	22.4	16.4	33.7	93.1
Potassium	NA	437 B	446 B	NA	NA	NA	NA
Selenium	NA	ND(0.350) WN	ND(0.360) WN	1.49	1.32	0.950	3.00
Silver	NA	ND(0.580) N	ND(0.600) N	ND(0.0430)	ND(0.0430)	0.900 B	8.80
Sodium	NA	50.8 B	132 B	NA	NA	NA	NA
Sulfide	NA	NA	NA	ND(10.0)	ND(200)	ND(235)	ND(264)
Thallium	NA	ND(3.50) N	ND(7.10) WN	ND(0.136)	ND(0.136)	0.850 B	1.00 B
Tin	NA	NA	NA	19.0	12.8	74.8	190
Vanadium	NA	15.6	12.5	21.0	13.2	20.0	23.8
Zinc	NA	82.7 E	291 E	137	93.2	657	2290
Conventional Parameters							
Total Phenols	NA	0.43	0.32	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. NC - Not Calculated - Insufficient data to calculate TEQ.
7. Rejected - Rejected according to Table 2 of the Newell Street Area II Pre-Design Investigation Work Plan Addendum; May 21, 2002; BBL.

Data Qualifiers:

Organics (volatiles, PCBs, 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.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates that the associated numerical value is an estimated concentration.
V - Indicates an elevated detection limit due to chemical interference.
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.
W - GFAA Analytical spike recovery outside of range of 85% to 115% in a sample which exhibits a low concentration of analyte. Unspiked response must be < 50% of spiked sample response.
* - Indicates laboratory duplicate analysis was outside control limits.
A - Analyte determination by the method of standard additions (MSA).

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Location ID:	SL0105	SL0124	SL0114	SL0131	SL0475	SL0490	SL0516
Sample ID:	081298BT35	081398BT27	081398CT27	081498CT04	091098MK19	091198MK16	091598MS02
Sample Depth(Feet):	0-0.5	0-0.5	1-1.5	0-0.5	1-1.5	0-0.5	1-1.5
Parameter Date Collected:	08/12/98	08/13/98	08/13/98	08/14/98	09/10/98	09/11/98	09/15/98
Volatile Organics							
1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS
1,1,1-Trichloroethane	NS	NS	NS	NS	NS	NS	NS
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	NS	NS	NS	NS	NS	NS	NS
1,2,3-Trichloropropane	NS	NS	NS	NS	NS	NS	NS
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	NS
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS
1,4-Dioxane	NS	NS	NS	NS	NS	NS	NS
2-Butanone	NS	NS	NS	NS	NS	NS	NS
2-Chloro-1,3-butadiene	NS	NS	NS	NS	NS	NS	NS
2-Chloroethylvinylether	NS	NS	NS	NS	NS	NS	NS
2-Hexanone	NS	NS	NS	NS	NS	NS	NS
3-Chloropropene	NS	NS	NS	NS	NS	NS	NS
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	NS
Acetone	NS	NS	NS	NS	NS	NS	NS
Acrolein	NS	NS	NS	NS	NS	NS	NS
Acrylonitrile	NS	NS	NS	NS	NS	NS	NS
Benzene	NS	NS	NS	NS	NS	NS	NS
Bromodichloromethane	NS	NS	NS	NS	NS	NS	NS
Bromoform	NS	NS	NS	NS	NS	NS	NS
Bromomethane	NS	NS	NS	NS	NS	NS	NS
Carbon Disulfide	NS	NS	NS	NS	NS	NS	NS
Carbon Tetrachloride	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	NS	NS	NS	NS	NS	NS	NS
Chloroethane	NS	NS	NS	NS	NS	NS	NS
Chloroform	NS	NS	NS	NS	NS	NS	NS
Chloromethane	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS
Dibromochloromethane	NS	NS	NS	NS	NS	NS	NS
Dibromomethane	NS	NS	NS	NS	NS	NS	NS
Ethyl Methacrylate	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	NS	NS	NS	NS	NS	NS	NS
Freon 12	NS	NS	NS	NS	NS	NS	NS
Iodomethane	NS	NS	NS	NS	NS	NS	NS
Isobutanol	NS	NS	NS	NS	NS	NS	NS
m&p-Xylene	NS	NS	NS	NS	NS	NS	NS
Methacrylonitrile	NS	NS	NS	NS	NS	NS	NS
Methyl Methacrylate	NS	NS	NS	NS	NS	NS	NS
Methyl tert-butyl ether	NS	NS	NS	NS	NS	NS	NS
Methylene Chloride	NS	NS	NS	NS	NS	NS	NS
o-Xylene	NS	NS	NS	NS	NS	NS	NS
Propionitrile	NS	NS	NS	NS	NS	NS	NS
Styrene	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	NS	NS	NS	NS	NS	NS	NS
Toluene	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS	NS	NS
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS
trans-1,4-Dichloro-2-butene	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	NS	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS
Vinyl Acetate	NS	NS	NS	NS	NS	NS	NS
Vinyl Chloride	NS	NS	NS	NS	NS	NS	NS
Xylenes (total)	NS	NS	NS	NS	NS	NS	NS

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	SL0105 / 081298BT35 / 0-0.5 / 08/12/98	SL0124 / 081398BT27 / 0-0.5 / 08/13/98	SL0114 / 081398CT27 / 1-1.5 / 08/13/98	SL0131 / 081498CT04 / 0-0.5 / 08/14/98	SL0475 / 091098MK19 / 1-1.5 / 09/10/98	SL0490 / 091198MK16 / 0-0.5 / 09/11/98	SL0516 / 091598MS02 / 1-1.5 / 09/15/98
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		0.30 J	0.41 J	ND(0.35)	ND(0.38)	0.49 J	0.060 J	ND(0.34)
1,2,4-Trichlorobenzene		0.14 J	6.6	ND(0.35)	0.090 J	0.19 J	0.41	0.12 J
1,2-Dichlorobenzene		ND(0.68)	0.10 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
1,3,5-Trinitrobenzene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
1,3-Dichlorobenzene		ND(0.68)	0.073 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
1,3-Dinitrobenzene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
1,4-Dichlorobenzene		ND(0.68)	0.21 J	ND(0.35)	0.057 J	ND(0.70)	0.22 J	0.083 J
1,4-Naphthoquinone		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
1-Naphthylamine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2,3,4,6-Tetrachlorophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2,4,5-Trichlorophenol		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
2,4,6-Trichlorophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
2,4-Dichlorophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2,4-Dimethylphenol		ND(0.68)	0.25 J	ND(0.35) J	ND(0.38) J	ND(0.70) J	ND(0.36)	ND(0.34)
2,4-Dinitrophenol		ND(1.7)	ND(1.1) J	ND(0.87) J	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
2,4-Dinitrotoluene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2,6-Dichlorophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2,6-Dinitrotoluene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Acetylaminofluorene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Chloronaphthalene		ND(0.68)	ND(0.44) J	ND(0.35) J	ND(0.38) J	ND(0.70) J	ND(0.36)	ND(0.34)
2-Chlorophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Methylnaphthalene		0.47 J	ND(0.44)	0.16 J	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Methylphenol		0.11 J	0.23 J	ND(0.35)	ND(0.38)	ND(0.70)	0.045 J	ND(0.34)
2-Naphthylamine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Nitroaniline		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
2-Nitrophenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
2-Picoline		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
3,3'-Dichlorobenzidine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
3,3'-Dimethylbenzidine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
3-Methylcholanthrene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
3-Nitroaniline		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
4,6-Dinitro-2-methylphenol		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
4-Aminobiphenyl		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Bromophenyl-phenylether		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Chloro-3-Methylphenol		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Chloroaniline		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Chlorobenzilate		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Chlorophenyl-phenylether		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Methylphenol		0.12 J	0.38 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
4-Nitroaniline		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
4-Nitrophenol		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8) J	ND(0.90)	ND(0.86)
4-Nitroquinoline-1-oxide		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
4-Phenylenediamine		ND(0.68)	ND(0.44) J	ND(0.35) J	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
5-Nitro-o-toluidine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
7,12-Dimethylbenz(a)anthracene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
a,a'-Dimethylphenethylamine		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Acenaphthene		0.18 J	ND(0.44)	0.050 J	ND(0.38)	0.18 J	0.084 J	ND(0.34)
Acenaphthylene		0.56 J	ND(0.44)	0.19 J	ND(0.38)	0.35 J	0.20 J	0.032 J
Acetophenone		0.37 J	0.40 J	0.065 J	ND(0.38)	ND(0.70)	0.066 J	ND(0.34)
Aniline		ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
Anthracene		0.58 J	0.36 J	0.15 J	0.035 J	0.52 J	0.24 J	0.039 J
Aramite		R	ND(0.44)	ND(0.35)	R	ND(0.70)	ND(0.36)	ND(0.34)
Azobenzene		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
Benzo(a)anthracene		2.4	1.3	0.82	0.19 J	2.6	1.0	0.24 J
Benzo(a)pyrene		2.7	2.1	0.86	0.22 J	2.6	1.5 J	0.25 J
Benzo(b)fluoranthene		1.8	2.1	0.50	0.20 J	1.6	1.1	0.23 J
Benzo(g,h,i)perylene		1.6	1.4	0.59	0.19 J	1.9	1.2	0.22 J
Benzo(k)fluoranthene		2.0	1.9	0.61	0.22 J	1.9	1.0	0.22 J
Benzyl Alcohol		0.48 J	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
bis(2-Chloroethoxy)methane		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
bis(2-Chloroethyl)ether		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
bis(2-Chloroisopropyl)ether		ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
bis(2-Ethylhexyl)phthalate		0.29 J	ND(0.44)	0.033 J	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Butylbenzylphthalate		3.0	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Chrysene		3.4	1.5	1.2	0.27 J	3.6	1.2	0.30 J

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Location ID:	SL0105	SL0124	SL0114	SL0131	SL0475	SL0490	SL0516
Sample ID:	081298BT35	081398BT27	081398CT27	081498CT04	091098MK19	091198MK16	091598MS02
Sample Depth(Feet):	0-0.5	0-0.5	1-1.5	0-0.5	1-1.5	0-0.5	1-1.5
Parameter Date Collected:	08/12/98	08/13/98	08/13/98	08/14/98	09/10/98	09/11/98	09/15/98
Semivolatile Organics (continued)							
Diallate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Dibenzo(a,h)anthracene	0.44 J	0.48	0.16 J	0.063 J	0.54 J	0.33 J	0.076 J
Dibenzofuran	0.11 J	0.47	ND(0.35)	ND(0.38)	0.087 J	0.074 J	ND(0.34)
Diethylphthalate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Dimethylphthalate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Di-n-Butylphthalate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	0.32 J	0.12 J
Di-n-Octylphthalate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Ethyl Methanesulfonate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Fluoranthene	4.6	2.8	1.7	0.47	5.8	2.0	0.72
Fluorene	0.42 J	0.10 J	0.11 J	ND(0.38)	0.35 J	0.089 J	ND(0.34)
Hexachlorobenzene	ND(0.68)	0.12 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Hexachlorobutadiene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Hexachlorocyclopentadiene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
Hexachloroethane	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Hexachloropropene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Indeno(1,2,3-cd)pyrene	1.3	1.4	0.44	0.17 J	1.6	1.0	0.21 J
Isodrin	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Isophorone	0.091 J	ND(0.44)	0.14 J	ND(0.38)	ND(0.70)	0.15 J	ND(0.34)
Isosafrole	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Methapyrilene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Methyl Methanesulfonate	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Naphthalene	1.1	0.50	0.33 J	0.076 J	0.50 J	0.33 J	0.076 J
Nitrobenzene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosodiethylamine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosodimethylamine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitroso-di-n-butylamine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitroso-di-n-propylamine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosodiphenylamine	ND(0.68)	0.092 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosomethylethylamine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosomorpholine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosopiperidine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
N-Nitrosopyrrolidine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
o-Toluidine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
p-Dimethylaminoazobenzene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Pentachlorobenzene	ND(0.68)	0.24 J	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Pentachloroethane	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Pentachloronitrobenzene	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70) J	ND(0.36)	ND(0.34)
Pentachlorophenol	ND(1.7)	ND(1.1)	ND(0.87)	ND(0.96)	ND(1.8)	ND(0.90)	ND(0.86)
Phenacetin	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Phenanthrene	6.2	2.0	1.7	0.31 J	7.0	1.4	0.41
Phenol	0.79	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	0.39	ND(0.34)
Pronamide	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Pyrene	8.8	2.5	3.1	0.56	10	2.1	0.52
Pyridine	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Safrole	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Organochlorine Pesticides							
4,4'-DDD	ND(21)	ND(910)	ND(0.36)	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
4,4'-DDE	ND(21)	ND(910)	0.43 J	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
4,4'-DDT	R	ND(910)	R	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
Aldrin	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Alpha-BHC	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Beta-BHC	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Delta-BHC	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Dieldrin	R	ND(910)	R	ND(2.0)	ND(1.8)	R	ND(3.5)
Endosulfan I	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Endosulfan II	ND(21)	ND(910)	ND(0.36)	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
Endosulfan Sulfate	ND(21)	ND(910)	ND(0.36)	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
Endrin	ND(21)	ND(910)	ND(0.36)	ND(2.0)	ND(1.8)	ND(1.8)	ND(3.5)
Endrin Aldehyde	ND(21)	ND(910)	ND(0.36)	ND(2.0) J	ND(1.8)	ND(1.8)	ND(3.5)
Gamma-BHC (Lindane)	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Heptachlor	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Heptachlor Epoxide	ND(10)	ND(450)	ND(0.18)	ND(0.99)	ND(0.90)	ND(0.92)	ND(1.8)
Kepone	R	R	R	R	R	R	R
Methoxychlor	ND(100)	ND(4500)	ND(1.8)	ND(9.9)	ND(9.0)	ND(9.2)	ND(18)
Technical Chlordane	ND(100)	ND(4500)	ND(1.8)	ND(9.9)	ND(9.0)	ND(9.2)	ND(18)
Toxaphene	ND(1000)	ND(45000)	ND(18)	ND(99)	ND(90)	ND(92)	ND(180)
Herbicides							

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	SL0105 081298BT35 0-0.5 08/12/98	SL0124 081398BT27 0-0.5 08/13/98	SL0114 081398CT27 1-1.5 08/13/98	SL0131 081498CT04 0-0.5 08/14/98	SL0475 091098MK19 1-1.5 09/10/98	SL0490 091198MK16 0-0.5 09/11/98	SL0516 091598MS02 1-1.5 09/15/98
Dinoseb	ND(0.68)	ND(0.44)	ND(0.35)	ND(0.38)	ND(0.70)	ND(0.36)	ND(0.34)
Furans							
2,3,7,8-TCDF	0.00041	0.020	0.000016	0.000054	0.0010	0.00026	0.000028
TCDFs (total)	0.0030 J	0.16 J	0.00017 J	0.00074 J	0.011 J	0.0044 J	0.0016 J
1,2,3,7,8-PeCDF	0.00038	0.013	0.000012	0.000046	0.0010	0.00023	0.000020
2,3,4,7,8-PeCDF	0.00037	0.019	0.000018	0.000069	0.0014	0.00029	0.000072
PeCDFs (total)	0.0036 J	0.19 J	0.00021 J	0.00077 J	0.010 J	0.0042 J	0.0023 J
1,2,3,4,7,8-HxCDF	0.00070	0.094	0.000038	0.00015	0.0027	0.00050	0.00017
1,2,3,6,7,8-HxCDF	0.00042	0.068 J	0.000029 J	0.000096 J	0.0015	0.00033	0.00011
1,2,3,7,8,9-HxCDF	0.00011	0.0058	0.0000065	0.000020	0.00031 J	0.000071	0.000031
2,3,4,6,7,8-HxCDF	0.00015	0.010	0.000013	0.000049	0.00057	0.00012	0.000064
HxCDFs (total)	0.0041 J	0.33 J	0.00021 J	0.00082 J	0.0098 J	0.0030 J	0.0018 J
1,2,3,4,6,7,8-HpCDF	0.0013 J	0.099 J	0.000046 J	0.00027 J	0.0038	0.00083 J	0.0011 J
1,2,3,4,7,8,9-HpCDF	0.00013	0.0071	0.0000080	0.000029	0.00066	0.00018	0.00010
HpCDFs (total)	0.0027 J	0.12 J	0.000075 J	0.00045 J	0.0054 J	0.0016 J	0.0022 J
OCDF	0.0029	0.049	0.000037	0.00025	0.0028	0.00082	0.00081
Dioxins							
2,3,7,8-TCDD	0.0000098	0.00017	0.0000022	0.0000013	0.0000078	0.0000053	0.0000031
TCDDs (total)	0.000069	0.0033	0.0000063	0.000022	0.00016	0.00013	0.000054
1,2,3,7,8-PeCDD	0.000011	0.00034	0.0000015 J	0.0000024 J	0.000012 J	0.000017 J	0.000013 J
PeCDDs (total)	0.000048	0.0042	0.0000071	0.000035	0.00025 J	0.00028 J	0.00017 J
1,2,3,4,7,8-HxCDD	0.000020	0.00041	0.00000084 J	0.0000032	0.000017	0.000021	0.000016
1,2,3,6,7,8-HxCDD	0.00011	0.00080	0.0000021 J	0.0000063	0.000028	0.000034	0.000028
1,2,3,7,8,9-HxCDD	0.000043	0.00066	0.0000041	0.0000067	0.000023	0.000042	0.000018
HxCDDs (total)	0.00028	0.0090	0.000029	0.000082	0.00038	0.00054	0.00037
1,2,3,4,6,7,8-HpCDD	0.0041	0.0028	0.0000097	0.000059	0.00022	0.00024	0.00032
HpCDDs (total)	0.0075	0.0054	0.000017	0.00011	0.00043	0.00052	0.00060
OCDD	0.088	0.011	0.000035	0.00065	0.00051	0.00095	0.0023
Total TEQs (WHO TEFs)	0.00049	0.032	0.000025	0.000083	0.0014	0.00033	0.00012
Inorganics							
Antimony	3.70 J	8.70	0.720 J	ND(0.720)	25.1	ND(1.00)	0.330
Arsenic	5.60	7.00	9.10	3.50	7.40 J	2.50 J	2.30
Barium	71.5	431	15.9 J	46.2 J	179	58.4	22.8
Beryllium	ND(0.0400)	0.300 J	ND(0.0400)	0.220 J	0.630	ND(0.210)	0.160
Cadmium	0.830	3.40	ND(0.0400)	ND(0.0300)	2.00	0.240	ND(0.0300)
Chromium	30.9	154	14.9	14.3 J	48.6 J	16.4 J	13.7
Cobalt	9.90	14.3	20.4	8.40	8.90 J	5.50 J	5.90
Copper	366	3180	35.6	54.1	1400	116	25.4
Cyanide	0.620	ND(0.660)	ND(0.520)	ND(0.580)	ND(0.600)	ND(0.610)	ND(0.580)
Lead	621 J	2100 J	20.8 J	44.6 J	2480	179	39.4
Mercury	0.160	1.30	ND(0.0200)	0.170	0.490	0.260 J	0.110
Nickel	41.7	102	26.7	15.0 J	41.5	14.4	10.0
Selenium	ND(0.550)	1.50	ND(0.450)	ND(0.330)	ND(0.380) J	ND(0.400) J	ND(0.330)
Silver	0.930 J	8.60	ND(0.140)	0.160 J	158	ND(0.330)	ND(0.130)
Sulfide	ND(6.00)	ND(6.50)	ND(5.20)	ND(5.70)	5.20 J	ND(5.30) J	ND(5.10)
Thallium	ND(0.840)	ND(1.10)	ND(5.70)	0.630 J	ND(0.640)	ND(0.690)	ND(0.540)
Tin	43.9	119	ND(0.920)	ND(3.60)	320	12.9	3.60
Vanadium	20.4	26.2	11.4	14.9	11.2 J	11.9 J	7.10
Zinc	792 J	2200 J	80.1 J	98.1	1340	212	67.7

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Location ID:	NS-29	RAA13-B79
Sample ID:	N2-BH000848-0-0060	N2-BH000848-0-0080
Sample Depth(Feet):	6-10	8-10
Parameter Date Collected:	10/24/02	10/24/02
Volatile Organics		
1,1,1,2-Tetrachloroethane	NS	ND(0.0050)
1,1,1-Trichloroethane	NS	ND(0.0050)
1,1,2,2-Tetrachloroethane	NS	ND(0.0050)
1,1,2-Trichloroethane	NS	ND(0.0050)
1,1-Dichloroethane	NS	ND(0.0050)
1,1-Dichloroethene	NS	ND(0.0050)
1,2,3-Trichloropropane	NS	ND(0.0050)
1,2-Dibromo-3-chloropropane	NS	ND(0.0050)
1,2-Dibromoethane	NS	ND(0.0050)
1,2-Dichloroethane	NS	ND(0.0050)
1,2-Dichloropropane	NS	ND(0.0050)
1,4-Dioxane	NS	R
2-Butanone	NS	R
2-Chloro-1,3-butadiene	NS	ND(0.0050)
2-Chloroethylvinylether	NS	ND(0.0050)
2-Hexanone	NS	ND(0.0050)
3-Chloropropene	NS	ND(0.0050)
4-Methyl-2-pentanone	NS	ND(0.0050)
Acetone	NS	ND(0.014)
Acrolein	NS	R
Acrylonitrile	NS	ND(0.0050)
Benzene	NS	ND(0.0050)
Bromodichloromethane	NS	ND(0.0050)
Bromoform	NS	ND(0.0050)
Bromomethane	NS	ND(0.0050)
Carbon Disulfide	NS	0.00098 J
Carbon Tetrachloride	NS	ND(0.0050)
Chlorobenzene	NS	ND(0.0050)
Chloroethane	NS	ND(0.0050)
Chloroform	NS	ND(0.0050)
Chloromethane	NS	ND(0.0050)
cis-1,2-Dichloroethene	NS	ND(0.0050)
cis-1,3-Dichloropropene	NS	ND(0.0050)
Dibromochloromethane	NS	ND(0.0050)
Dibromomethane	NS	ND(0.0050)
Ethyl Methacrylate	NS	ND(0.0050)
Ethylbenzene	NS	ND(0.0050)
Freon 12	NS	ND(0.0050)
Iodomethane	NS	ND(0.0050)
Isobutanol	NS	R
m&p-Xylene	NS	ND(0.0050)
Methacrylonitrile	NS	ND(0.0050)
Methyl Methacrylate	NS	ND(0.0050)
Methyl tert-butyl ether	NS	ND(0.0050)
Methylene Chloride	NS	0.0012 J
o-Xylene	NS	ND(0.0050)
Propionitrile	NS	R
Styrene	NS	ND(0.0050)
Tetrachloroethene	NS	ND(0.0050)
Toluene	NS	ND(0.0050)
trans-1,2-Dichloroethene	NS	ND(0.0050)
trans-1,3-Dichloropropene	NS	ND(0.0050)
trans-1,4-Dichloro-2-butene	NS	ND(0.0050)
Trichloroethene	NS	ND(0.0050)
Trichlorofluoromethane	NS	ND(0.0050)
Vinyl Acetate	NS	ND(0.0050)
Vinyl Chloride	NS	ND(0.0050)
Xylenes (total)	NS	ND(0.0050)

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-29 N2-BH000848-0-0060 6-10 10/24/02	RAA13-B79 N2-BH000848-0-0080 8-10 10/24/02
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NS
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.0050)
1,2-Dichlorobenzene	ND(0.39)	ND(0.0050)
1,3,5-Trinitrobenzene	ND(0.39)	NS
1,3-Dichlorobenzene	ND(0.39)	ND(0.0050)
1,3-Dinitrobenzene	ND(0.39)	NS
1,4-Dichlorobenzene	ND(0.39)	ND(0.0050)
1,4-Naphthoquinone	ND(0.39) J	NS
1-Naphthylamine	ND(0.39)	NS
2,3,4,6-Tetrachlorophenol	ND(0.39)	NS
2,4,5-Trichlorophenol	ND(0.99)	NS
2,4,6-Trichlorophenol	ND(0.39)	NS
2,4-Dichlorophenol	ND(0.39)	NS
2,4-Dimethylphenol	ND(0.39)	NS
2,4-Dinitrophenol	ND(0.99)	NS
2,4-Dinitrotoluene	ND(0.39)	NS
2,6-Dichlorophenol	ND(0.39)	NS
2,6-Dinitrotoluene	ND(0.39)	NS
2-Acetylaminofluorene	ND(0.39)	NS
2-Chloronaphthalene	ND(0.39)	NS
2-Chlorophenol	ND(0.39)	NS
2-Methylnaphthalene	ND(0.39)	NS
2-Methylphenol	ND(0.39)	NS
2-Naphthylamine	ND(0.39)	NS
2-Nitroaniline	ND(0.99)	NS
2-Nitrophenol	ND(0.39)	NS
2-Picoline	ND(0.39)	NS
3,3'-Dichlorobenzidine	ND(0.39)	NS
3,3'-Dimethylbenzidine	ND(0.39) J	NS
3-Methylcholanthrene	ND(0.39)	NS
3-Nitroaniline	ND(0.99)	NS
4,6-Dinitro-2-methylphenol	ND(0.99)	NS
4-Aminobiphenyl	ND(0.39) J	NS
4-Bromophenyl-phenylether	ND(0.39)	NS
4-Chloro-3-Methylphenol	ND(0.39)	NS
4-Chloroaniline	ND(0.39)	NS
4-Chlorobenzilate	ND(0.39)	NS
4-Chlorophenyl-phenylether	ND(0.39)	NS
4-Methylphenol	ND(0.39)	NS
4-Nitroaniline	ND(0.99)	NS
4-Nitrophenol	ND(0.99)	NS
4-Nitroquinoline-1-oxide	R	NS
4-Phenylenediamine	ND(0.39)	NS
5-Nitro-o-toluidine	ND(0.39)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.39)	NS
a,a'-Dimethylphenethylamine	ND(0.39)	NS
Acenaphthene	ND(0.39)	NS
Acenaphthylene	ND(0.39)	NS
Acetophenone	ND(0.39)	NS
Aniline	ND(0.99)	NS
Anthracene	ND(0.39)	NS
Aramite	ND(0.39)	NS
Azobenzene	ND(0.39)	NS
Benzo(a)anthracene	ND(0.39)	NS
Benzo(a)pyrene	0.034 J	NS
Benzo(b)fluoranthene	0.020 J	NS
Benzo(g,h,i)perylene	0.035 J	NS
Benzo(k)fluoranthene	0.030 J	NS
Benzyl Alcohol	ND(0.39)	NS
bis(2-Chloroethoxy)methane	ND(0.39)	NS
bis(2-Chloroethyl)ether	ND(0.39)	NS
bis(2-Chloroisopropyl)ether	ND(0.39)	NS
bis(2-Ethylhexyl)phthalate	ND(0.39)	NS
Butylbenzylphthalate	ND(0.39)	NS
Chrysene	0.029 J	NS

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-29 / N2-BH000848-0-0060 / 6-10 / 10/24/02	RAA13-B79 / N2-BH000848-0-0080 / 8-10 / 10/24/02
Semivolatile Organics (continued)			
Diallate		ND(0.39)	NS
Dibenzo(a,h)anthracene		ND(0.39)	NS
Dibenzofuran		ND(0.39)	NS
Diethylphthalate		ND(0.39)	NS
Dimethylphthalate		ND(0.39)	NS
Di-n-Butylphthalate		ND(0.39)	NS
Di-n-Octylphthalate		ND(0.39)	NS
Ethyl Methanesulfonate		ND(0.39)	NS
Fluoranthene		0.020 J	NS
Fluorene		ND(0.39)	NS
Hexachlorobenzene		ND(0.39)	NS
Hexachlorobutadiene		ND(0.39)	NS
Hexachlorocyclopentadiene		ND(0.39)	NS
Hexachloroethane		ND(0.39)	NS
Hexachloropropene		ND(0.39)	NS
Indeno(1,2,3-cd)pyrene		0.022 J	NS
Isodrin		NS	NS
Isophorone		ND(0.39)	NS
Isosafrole		ND(0.39)	NS
Methapyrilene		ND(0.39)	NS
Methyl Methanesulfonate		ND(0.39)	NS
Naphthalene		ND(0.39)	ND(0.0050)
Nitrobenzene		ND(0.39)	NS
N-Nitrosodiethylamine		ND(0.39)	NS
N-Nitrosodimethylamine		ND(0.39)	NS
N-Nitroso-di-n-butylamine		ND(0.39)	NS
N-Nitroso-di-n-propylamine		ND(0.39)	NS
N-Nitrosodiphenylamine		ND(0.39)	NS
N-Nitrosomethylethylamine		ND(0.39)	NS
N-Nitrosomorpholine		ND(0.39)	NS
N-Nitrosopiperidine		ND(0.39)	NS
N-Nitrosopyrrolidine		ND(0.39)	NS
o-Toluidine		ND(0.39)	NS
p-Dimethylaminoazobenzene		ND(0.39)	NS
Pentachlorobenzene		ND(0.39)	NS
Pentachloroethane		ND(0.39)	NS
Pentachloronitrobenzene		ND(0.39)	NS
Pentachlorophenol		ND(0.99)	NS
Phenacetin		ND(0.39)	NS
Phenanthrene		ND(0.39)	NS
Phenol		ND(0.39)	NS
Pronamide		ND(0.39)	NS
Pyrene		0.049 J	NS
Pyridine		ND(0.39)	NS
Safrole		ND(0.39)	NS
Organochlorine Pesticides			
4,4'-DDD		NS	NS
4,4'-DDE		NS	NS
4,4'-DDT		NS	NS
Aldrin		NS	NS
Alpha-BHC		NS	NS
Beta-BHC		NS	NS
Delta-BHC		NS	NS
Dieldrin		NS	NS
Endosulfan I		NS	NS
Endosulfan II		NS	NS
Endosulfan Sulfate		NS	NS
Endrin		NS	NS
Endrin Aldehyde		NS	NS
Gamma-BHC (Lindane)		NS	NS
Heptachlor		NS	NS
Heptachlor Epoxide		NS	NS
Kepone		NS	NS
Methoxychlor		NS	NS
Technical Chlordane		NS	NS
Toxaphene		NS	NS
Herbicides			

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II 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:	NS-29 N2-BH000848-0-0060 6-10 10/24/02	RAA13-B79 N2-BH000848-0-0080 8-10 10/24/02
Dinoseb	ND(0.39)	NS
Furans		
2,3,7,8-TCDF	NS	NS
TCDFs (total)	NS	NS
1,2,3,7,8-PeCDF	NS	NS
2,3,4,7,8-PeCDF	NS	NS
PeCDFs (total)	NS	NS
1,2,3,4,7,8-HxCDF	NS	NS
1,2,3,6,7,8-HxCDF	NS	NS
1,2,3,7,8,9-HxCDF	NS	NS
2,3,4,6,7,8-HxCDF	NS	NS
HxCDFs (total)	NS	NS
1,2,3,4,6,7,8-HpCDF	NS	NS
1,2,3,4,7,8,9-HpCDF	NS	NS
HpCDFs (total)	NS	NS
OCDF	NS	NS
Dioxins		
2,3,7,8-TCDD	NS	NS
TCDDs (total)	NS	NS
1,2,3,7,8-PeCDD	NS	NS
PeCDDs (total)	NS	NS
1,2,3,4,7,8-HxCDD	NS	NS
1,2,3,6,7,8-HxCDD	NS	NS
1,2,3,7,8,9-HxCDD	NS	NS
HxCDDs (total)	NS	NS
1,2,3,4,6,7,8-HpCDD	NS	NS
HpCDDs (total)	NS	NS
OCDD	NS	NS
Total TEQs (WHO TEFs)	NS	NS
Inorganics		
Antimony	0.410 J	NS
Arsenic	3.10	NS
Barium	39.6	NS
Beryllium	0.340 J	NS
Cadmium	ND(0.0300)	NS
Chromium	12.4	NS
Cobalt	9.90	NS
Copper	14.4	NS
Cyanide	ND(0.590)	NS
Lead	9.50 J	NS
Mercury	ND(0.0620)	NS
Nickel	15.5	NS
Selenium	0.710	NS
Silver	ND(0.140)	NS
Sulfide	ND(8.30) J	NS
Thallium	0.690 J	NS
Tin	1.00 J	NS
Vanadium	12.5	NS
Zinc	57.9	NS

TABLE B-3
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
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 den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

J - Estimated Value.
R - Rejected.

Appendix C

Soil Sampling Data Validation Report

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APPENDIX C

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NEWELL STREET AREA II 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 pre-design investigation activities at a portion of the Newell Street Area II Pre-Design Investigation, 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 184 polychlorinated biphenyl (PCB) samples, 91 volatile organic compound (VOC) samples, 89 semi-volatile organic compound (SVOC) samples, 95 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 89 metals samples, and 89 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 November 4, 2002 and resubmitted December 10, 2002);
- *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 1. Each sample subjected to evaluation is listed in Table 1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. 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 estimated concentrations 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 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 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	77	3	2	89	6	7	184
VOCs	0	0	0	81	5	5	91
SVOCs	0	0	0	79	5	5	89
PCDDs/PCDFs	0	0	0	85	5	5	95
Metals	0	0	0	79	5	5	89
Cyanide/Sulfide	0	0	0	79	5	5	89
Total	**77**	**3**	**2**	**492**	**31**	**32**	**637**

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 87% 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	2	J
	2-Chloroethylvinylether	2	J
	Acetone	1	J
	Acetonitrile	4	J
	Acrolein	91	J
	Acrylonitrile	4	J
	Propionitrile	2	J
	Vinyl Acetate	1	J
SVOCs	4-Nitroquinoline-1-oxide	2	J
	4-Phenylenediamine	89	J
	Hexachlorophene	89	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 rejected (R) 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	Acetonitrile	5	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).

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	1,4-Dioxane	16	J
	2-Hexanone	11	J
	4-Methyl-2-pentanone	10	J
	Acetone	10	J
	Acetonitrile	5	J
	Acrylonitrile	2	J
	Bromomethane	7	J
	Dichlorodifluoromethane	5	J
	Methyl Methacrylate	2	J
	Propionitrile	28	J
	Tetrachloroethene	1	J
	trans-1,3-Dichloropropene	6	J
	trans-1,4-Dichloro-2-butene	21	J
	Vinyl Acetate	48	J
SVOCs	1,3,5-Trinitrobenzene	26	J
	1,4-Naphthoquinone	3	J
	2,4,5-Trichlorophenol	17	J
	2,4-Dinitrophenol	3	J
	2-Acetylaminofluorene	33	J
	3,3'-Dichlorobenzidine	12	J
	3,3'-Dimethylbenzidine	43	J
	3-Methylcholanthrene	8	J
	4-Chlorobenzilate	8	J
	4-Nitrophenol	11	J
	4-Nitroquinoline-1-oxide	56	J
	a,a'-Dimethylphenethylamine	8	J
	Aramite	33	J
	Benzidine	51	J
	bis(2-Chloroisopropyl)ether	26	J
	Butylbenzylphthalate	13	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Methapyrilene	26	J
	N-Nitrosomethylethylamine	3	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	Arsenic	24	J
	Cadmium	8	J
	Copper	8	J
	Lead	12	J
	Selenium	40	J
	Silver	8	J
	Thallium	46	J
	Zinc	36	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
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	7	U
	1,2,3,4,6,7,8-HpCDF	3	U
	1,2,3,4,7,8,9-HpCDF	2	U
	1,2,3,4,7,8-HxCDF	1	U
	1,2,3,7,8,9-HxCDF	2	U
	2,3,4,7,8-PeCDF	1	U
	HpCDDs (total)	6	U
	HpCDFs (total)	4	U
	HxCDFs (total)	1	U
	OCDD	18	U
	OCDF	1	U

Compounds Qualified Due to Blank Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	PeCDDs (total)	1	U
	PeCDFs (total)	2	U

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125% and organic compounds MS recoveries must be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Sample results that exceeded these limits were qualified as estimated (J). 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	Barium	11	J
	Sulfide	7	J
SVOCs	1,2,4-Trichlorobenzene	1	J
	Acenaphthene	1	J
	Pyrene	1	J
	N-Nitroso-di-n-propylamine	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,4,6,7,8-HpCDF	1	J
	1,2,3,4,7,8,9-HpCDF	2	J
	1,2,3,4,7,8-HxCDF	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8,9-HxCDD	1	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,4,6,7,8-HxCDF	2	J
	2,3,4,7,8-PeCDF	1	J
	2,3,7,8-TCDD	1	J
	2,3,7,8-TCDF	1	J
	OCDD	2	J
	OCDF	2	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 analytes/compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
Inorganics	Sulfide	16	J
PCBs	Aroclor-1260	2	J
PCDDs/PCDFs	HxCDDs (total)	2	J
	PeCDDs (total)	4	J
	TCDDs (total)	2	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	Chromium	7	J
	Copper	7	J
	Nickel	7	J
	Vanadium	7	J
	Zinc	7	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
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,4,6,7,8-HpCDF	1	J
	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,4,7,8-HxCDD	1	J
	1,2,3,4,7,8-HxCDF	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8,9-HxCDD	1	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	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-TCDD	1	J
	2,3,7,8-TCDF	1	J

Compounds Qualified Due to Matrix Spike RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
PCDDs/PCDFs	OCDD	1	J
	OCDF	1	J

Internal standard compounds for VOCs 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 130%. VOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 40%, 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	1,1,2,2-Tetrachloroethane	12	J
	1,2,3-Trichloropropane	12	J
	1,2-Dibromo-3-chloropropane	12	J
	trans-1,4-Dichloro-2-butene	12	J
	1,1,1,2-Tetrachloroethane	8	J
	1,1,2-Trichloroethane	8	J
	1,2-Dibromoethane	8	J
	2-Hexanone	8	J
	Bromoform	8	J
	Chlorobenzene	8	J
	Dibromochloromethane	8	J
	Ethyl Methacrylate	8	J
	Ethylbenzene	8	J
	Styrene	8	J
	Tetrachloroethene	8	J
	Toluene	8	J
	trans-1,3-Dichloropropene	8	J
	Xylenes (total)	8	J
	1,1,1-Trichloroethane	8	J
	1,1-Dichloroethane	8	J
	1,1-Dichloroethene	2	J
	1,2-Dichloroethane	2	J
	1,2-Dichloropropane	8	J
	1,4-Dioxane	8	J
	2-Butanone	8	J
	2-Chloro-1,3-butadiene	8	J
	2-Chloroethylvinylether	8	J
	3-Chloropropene	8	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	4-Methyl-2-pentanone	8	J
	Acetone	8	J
	Acetonitrile	8	J
	Acrolein	8	J
	Acrylonitrile	8	J
	Benzene	8	J
	Bromodichloromethane	8	J
	Bromomethane	8	J
	Carbon Disulfide	8	J
	Carbon Tetrachloride	8	J
	Chloroethane	8	J
	Chloroform	8	J
	Chloromethane	8	J
	cis-1,3-Dichloropropene	8	J
	Dibromomethane	8	J
	Dichlorodifluoromethane	8	J
	Iodomethane	8	J
	Isobutanol	8	J
	Methacrylonitrile	8	J
	Methyl Methacrylate	8	J
	Methylene Chloride	8	J
	Propionitrile	8	J
	trans-1,2-Dichloroethene	8	J
	Trichloroethene	8	J
	Trichlorofluoromethane	8	J
	Vinyl Acetate	8	J
	Vinyl Chloride	8	J
PCDDs/PCDFs	2,3,7,8-TCDD	1	J

The instrument sensitivity criterion requires that the ion abundance ratios be within specified 15% theoretical ratio. Sample data for that exceeded instrument sensitivity 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 Ion abundance Ratio Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	1	J
	1,2,3,7,8-PeCDF	1	J
	HpCDFs (total)	1	J
	PeCDFs (total)	1	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-HpCDD	3	J
	1,2,3,4,6,7,8-HpCDF	13	J
	1,2,3,4,7,8,9-HpCDF	4	J
	1,2,3,4,7,8-HxCDF	15	J
	1,2,3,6,7,8-HxCDF	8	J
	1,2,3,7,8,9-HxCDF	2	J
	1,2,3,7,8-PeCDF	4	J
	2,3,4,6,7,8-HxCDF	3	J
	2,3,4,7,8-PeCDF	8	J
	2,3,7,8-TCDF	11	J
	OCDD	4	J
	OCDF	8	J

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	100	None
SVOCs	99.9	Three SVOCs sample results were rejected due to MS recovery deviations
PCBs	100	None
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, 0.17% of the data required qualification for laboratory duplicate RPD deviations, 0.08% of the data required qualification MS/MSD RPD deviations and 0.12% of the data required qualification field duplicate RPD deviations. None of the data required qualification for ICP serial dilution deviations.

5.2 Accuracy

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, 4.1% of the data required qualification for calibration deviations, 0.87% required qualification for CRDL standard recoveries, 2.0% required qualification for internal standard recoveries, and 0.29% required qualification for MS/MSD recoveries. None of the data required qualification for LCS recovery deviations or surrogate compound standard recoveries deviations.

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

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

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 99.9 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected SVOC sample data for these investigations include sample analyses results for three SVOCs from sample location RAA13-B99 (1- to 3-feet) due to zero percent recovery of matrix spike compounds. The matrix spike of these compounds was performed in duplicate. Similar results were obtained in both analyses of the matrix spikes demonstrating matrix interference. Re-sampling for these at these sampling locations is not recommended since subsequent reanalysis of these samples has proven matrix interference and the same analytical performance limitations for the analysis could occur again.

TABLE C-1
NEWELL STREET AREA II 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											
2I0P596	NEW2-DUP-1 (6 - 10)	9/26/2002	Soil	Tier I	No						Duplicate of RAA13-B2
2I0P596	RAA13-A1 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-A96 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B2 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B2 (1 - 3)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B2 (10 - 15)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B2 (3 - 6)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B2 (6 - 10)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B3 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B95 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B95 (1 - 3)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B95 (10 - 15)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B95 (3 - 6)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B95 (6 - 10)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-C4 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-Z99 (1 - 3)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-Z99 (10 - 15)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-Z99 (3 - 6)	9/26/2002	Soil	Tier I	No						
2I0P596	RAA13-Z99 (6 - 10)	9/26/2002	Soil	Tier I	No						
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Water	Tier I	No						
2J0P007	NEW2-DUP-2 (10 - 15)	9/30/2002	Soil	Tier I	No						Duplicate of RAA13-F95
2J0P007	RAA13-A93 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-C93 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-C94 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-C95 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F91 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F91 (1 - 3)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F91 (10 - 15)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F91 (3 - 6)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F91 (6 - 10)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F93 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F93 (10 - 15)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F93 (3 - 6)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F93 (6 - 10)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F94 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F95 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F95 (1 - 3)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F95 (10 - 15)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F95 (3 - 6)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-F95 (6 - 10)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-H93 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-H93 (1 - 3)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-H93 (10 - 15)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-H93 (3 - 6)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-H93 (6 - 10)	9/30/2002	Soil	Tier I	No						
2J0P007	RAA13-Z92 (0 - 1)	9/30/2002	Soil	Tier I	No						
2J0P007	RB-093002-1 (0 - 0)	9/30/2002	Water	Tier II	No						
2J0P051	NEW2-DUP-3 (0 - 1)	10/1/2002	Soil	Tier II	No						Duplicate of RAA13-I93
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	No						Duplicate of RAA13-G92
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-C89 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-C91 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D91 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D91 (1 - 3)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D91 (10 - 15)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D91 (3 - 6)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D91 (6 - 10)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-E91 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-F92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-G91 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-G93 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-H92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-I93 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-I94 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RB-100102-1 (0 - 0)	10/1/2002	Water	Tier II	No						
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Water	Tier II	No						
2J0P176	NEW2-DUP-5 (10 - 15)	10/4/2002	Soil	Tier II	No						Duplicate of RAA13-Z83
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-A90 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-A91 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-B92 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Y88 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z83 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z83 (10 - 15)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z83 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z83 (6 - 10)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (10 - 15)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (6 - 10)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z86 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z87 (10 - 15)	10/4/2002	Soil	Tier II	No						
2J0P176	RB-100402-1 (0 - 0)	10/4/2002	Water	Tier II	No						
2J0P292	GE-11 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	57.8%	<50%	2.9 J	Duplicate of RAA13-C98
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-A98 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B97 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B98 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B99 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-C97 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	57.8%	<50%	1.6 J	
2J0P292	RAA13-C99 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D97 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (1 - 3)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (3 - 6)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (6 - 10)	10/9/2002	Soil	Tier II	No						
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	No						
2J0P453	RAA13-A85 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-A87 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-B88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-C86 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-C88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-D88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-E86 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P453	RAA13-E88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-E89 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-F88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-F90 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-G88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-G89 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-H88 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-H90 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P477	RAA13-F99 (10 - 15)	10/16/2002	Soil	Tier II	No						
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-B83 (10 - 15)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-B83 (6 - 10)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-DUP-7 (10 - 15)	10/22/2002	Soil	Tier II	No						Duplicate of RAA13-B83
2J0P622	RB-102202-1 (0 - 0)	10/22/2002	Water	Tier II	No						
2J0P660	NEW2-DUP-8 (6 - 10)	10/23/2002	Soil	Tier II	No						Duplicate of RAA13-H89
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (10 - 15)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (3 - 6)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (6 - 10)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (10 - 15)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (3 - 6)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (6 - 10)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H91 (10 - 15)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H91 (3 - 6)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H91 (6 - 10)	10/23/2002	Soil	Tier II	No						
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Soil	Tier II	No						
2J0P703	NEW2-DUP-9 (10 - 15)	10/24/2002	Soil	Tier I	No						Duplicate of RAA13-B87
2J0P703	NS-29 (10 - 15)	10/24/2002	Soil	Tier I	No						
2J0P703	NS-29 (4 - 6)	10/24/2002	Soil	Tier I	No						
2J0P703	NS-29 (6 - 10)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-1 (0 - 1)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-1 (1 - 3)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-1 (10 - 15)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-1 (3 - 6)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B87 (10 - 15)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B87 (3 - 6)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-B87 (6 - 10)	10/24/2002	Soil	Tier I	No						
2J0P703	RAA13-D87 (10 - 15)	10/24/2002	Soil	Tier I	No						
2J0P703	RB-102402-1 (0 - 0)	10/24/2002	Water	Tier I	No						
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-D85 (10 - 15)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-D85 (6 - 10)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-F87 (0 - 1)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-F87 (1 - 3)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-F87 (10 - 15)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-F87 (3 - 6)	10/25/2002	Soil	Tier I	No						
2J0P752	RAA13-F87 (6 - 10)	10/25/2002	Soil	Tier I	No						

TABLE C-1
NEWELL STREET AREA II 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											
2I0P596	NEW2-DUP-1 (6 - 10)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	3400 J	Duplicate of RAA13-B2
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(2.30) J	
						Barium	MS %R	135.2%	75% to 125%	980 J	
2I0P596	RAA13-A95 (1 - 3)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	630 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.70) J	
						Barium	MS %R	135.2%	75% to 125%	200 J	
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	54.0 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	53.0 J	
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	1000 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	130 J	
2I0P596	RAA13-B2 (6 - 10)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	4500 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.10) J	
						Barium	MS %R	135.2%	75% to 125%	1200 J	
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	95.0 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	27.0 J	
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	800 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	120 J	
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Barium	MS %R	135.2%	75% to 125%	1100 J	
						Lead	CRDL Standard %R	76.5%	80% to 120%	8300 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	6.10 J	
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	10000 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	7.90 J	
						Barium	MS %R	135.2%	75% to 125%	1000 J	
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	100 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	31.0 J	
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	27.0 J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(1.60) J	
						Barium	MS %R	135.2%	75% to 125%	25.0 J	
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Water	Tier II	Yes	Lead	CRDL Standard %R	76.5%	80% to 120%	ND(0.00300) J	
						Thallium	CRDL Standard %R	164.8%	80% to 120%	ND(0.00820) J	
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-E95 (1 - 3)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-G94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	17.0 J	Duplicate of RAA13-G92
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	3.40 J	
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	5.20 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.30) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	ND(2.60) J	
2J0P051	RAA13-B90 (1 - 3)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	20.0 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	3.00 J	
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	13.0 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	ND(1.80) J	
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	7.60 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	ND(2.10) J	
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	16.0 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	3.10 J	
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	11.0 J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	3.60 J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Water	Tier II	Yes	Arsenic	CRDL Standard %R	122.8%	80% to 120%	ND(0.0100) J	
						Selenium	CRDL Standard %R	127.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	164.7%	80% to 120%	ND(0.0100) J	
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z88 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	5.60 J	Duplicate of RAA13-C98
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	160 J	
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	10 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	1100 J	
2J0P292	RAA13-B97 (3 - 6)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	4.8 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	48 J	
2J0P292	RAA13-B99 (1 - 3)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	5.1 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	260 J	
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	6.8 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	170 J	
2J0P292	RAA13-D97 (1 - 3)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	5 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	53 J	
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	5.7 J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	85 J	
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	Yes	Arsenic	CRDL Standard %R	78.4%	80% to 120%	ND(0.01) J	
						Silver	CRDL Standard %R	132.1%	80% to 120%	ND(0.005) J	
						Zinc	CRDL Standard %R	78.4%	80% to 120%	0.034 J	
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.00) J	
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.10) J	
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.00) J	
2J0P453	RAA13-J92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.00) J	
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	75.2%	80% to 120%	660 J	
2J0P477	RAA13-Z90 (1 - 3)	10/16/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.2%	80% to 120%	ND(1.00) J	
						Zinc	CRDL Standard %R	75.2%	80% to 120%	1200 J	
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	4.50 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.500) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	33.0 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.10) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	76.0 J	
2J0P622	RAA13-A83 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	5.60 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.500) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	36.0 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	83.0 J	
2J0P622	RAA13-A83 (10 - 15)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	1.30 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.200) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	7.20 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.40) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	47.0 J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	5.50 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.500) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	48.0 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.20) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	88.0 J	
2J0P622	RAA13-A84 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	2.40 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.190) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	10.0 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	42.0 J	
2J0P622	RAA13-A84 (6 - 10)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	4.80 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	ND(0.190) J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	24.0 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.20) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	62.0 J	
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	5.10 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	0.740 J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	120 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(2.30) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	190 J	
2J0P622	RAA13-A86 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	66.3%	80% to 120%	7.50 J	
						Cadmium	CRDL Standard %R	121.8%	80% to 120%	0.620 J	
						Copper	CRDL Standard %R	121.0%	80% to 120%	160 J	
						Selenium	CRDL Standard %R	132.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	192.7%	80% to 120%	ND(1.70) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	1200 J	
2J0P660	NEW2-DUP-8 (6 - 10)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-F89 (10 - 15)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	No						
2J0P660	RAA13-H89 (6 - 10)	10/23/2002	Soil	Tier II	No						
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Water	Tier II	No						
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.10) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	67.0 J	
2J0P703	RAA13-1 (3 - 6)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.30) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	790 J	
2J0P703	RAA13-B78 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.30) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.70) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	130 J	
2J0P703	RAA13-B78 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(0.660) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	140 J	
2J0P703	RAA13-B78 (3 - 6)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(1.90) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	68.0 J	
2J0P703	RAA13-B79 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.30) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	230 J	
2J0P703	RAA13-B79 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(0.710) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	750 J	
2J0P703	RAA13-B79 (6 - 10)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.10) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	70.0 J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(3.40) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	910 J	
2J0P703	RAA13-B86 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(2.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(4.10) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	130 J	
2J0P703	RAA13-B86 (3 - 6)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.70) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(3.40) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	80.0 J	
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(0.920) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.60) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	790 J	
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.40) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.70) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	81.0 J	
2J0P703	RAA13-B87 (3 - 6)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.20) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	45.0 J	
2J0P703	RAA13-C87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	78.0 J	
2J0P703	RAA13-C87 (3 - 6)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.00) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	98.0 J	
2J0P703	RAA13-D87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.10) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	230 J	
2J0P703	RAA13-D87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	77.2%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	125.7%	80% to 120%	ND(2.20) J	
						Zinc	CRDL Standard %R	77.8%	80% to 120%	92.0 J	
2J0P752	NEW2-DUP-10 (8 - 10)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	13.0 J	Duplicate of RAA13-B84
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	38.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	26.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	11.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	74.0 J	
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	16.0 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	27.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	17.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	13.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	76.0 J	
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	9.80 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	24.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	18.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	10.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	50.0 J	
2J0P752	RAA13-B84 (6 - 10)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	11.0 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	38.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	27.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	11.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	71.0 J	
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	24.0 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	47.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	18.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	15.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	130 J	
2J0P752	RAA13-C85 (1 - 3)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	19.0 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	48.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	38.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	19.0 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	120 J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P752	RAA13-C85 (6 - 10)	10/25/2002	Soil	Tier II	Yes	Chromium	Laboratory Duplicate RPD (Soil)	60.6%	<35%	9.60 J	
						Copper	Laboratory Duplicate RPD (Soil)	40.9%	<35%	34.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	44.6%	<35%	20.0 J	
						Vanadium	Laboratory Duplicate RPD (Soil)	60.5%	<35%	6.80 J	
						Zinc	Laboratory Duplicate RPD (Soil)	59.6%	<35%	54.0 J	
2J0P752	RB-102502-1 (0 - 0)	10/25/2002	Water	Tier II	No						
VOCs											
2I0P596	NEW2-DUP-1 (6 - 8)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	Duplicate of RAA13-B2
2I0P596	RAA13-A95 (1 - 3)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2I0P596	RAA13-B2 (6 - 8)	9/26/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.2%	50% to 200%	ND(0.0070) J	Use original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.2%	50% to 200%	ND(0.0070) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.2%	50% to 200%	ND(0.0070) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.2%	50% to 200%	ND(0.0070) J	
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	Use reanalysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.3%	50% to 200%	ND(0.0059) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.3%	50% to 200%	ND(0.0059) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.3%	50% to 200%	ND(0.0059) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.12) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.12) J	
						2-Butanone	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.012) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						2-Chloroethylvinylether	ICAL RRF	0.045	>0.05	ND(0.0059) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.012) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.012) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.012) J	
						Acetone	CCAL %D	32.0%	<25%	0.017 J	
						Acetone	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	0.017 J	
						Acetonitrile	ICAL RRF	0.033	>0.05	ND(0.12) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Acrolein	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.12) J	
						Acrylonitrile	ICAL RRF	0.019	>0.05	ND(0.0059) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Benzene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Bromomethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Chloroethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Chloroform	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Chloromethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	Use reanalysis
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Iodomethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Isobutanol	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.12) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Methyl Methacrylate	CCAL %D	25.6%	<25%	ND(0.0059) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.012) J	
						Propionitrile	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.012) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.3%	50% to 200%	ND(0.0059) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	Vinyl Acetate	ICAL RRF	0.044	>0.05	ND(0.0059) J	Use reanalysis
						Vinyl Acetate	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	47.2%	50% to 200%	ND(0.0059) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	47.3%	50% to 200%	ND(0.0059) J	
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.12) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.012) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.025) J	
						Acetonitrile	CCAL %D	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.012) J	
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.14) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.014) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.014) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.027) J	
						Acetonitrile	CCAL %D	0.044	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.014) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P007	RAA13-E95 (1 - 3)	9/30/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	Use reanalysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0070) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0070) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0070) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						2-Butanone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.014) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						Acetone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.028) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Acrolein	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Benzene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Bromomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Chloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Chloroform	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Chloromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Iodomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Isobutanol	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Propionitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0070) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.0%	<25%	ND(0.0070) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0070) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0070) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	Use reanalysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0069) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0069) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0069) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						2-Butanone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.014) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						Acetone	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.028) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Acrolein	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Benzene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Bromomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Chloroethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Chloroform	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Chloromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Iodomethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Isobutanol	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.14) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Propionitrile	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.014) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	Yes	trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	25.0%	50% to 200%	ND(0.0069) J	Use reanalysis
						trans-1,4-Dichloro-2-butene	CCAL %D	26.0%	<25%	ND(0.0069) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	0.0086 J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	35.8%	50% to 200%	ND(0.0069) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	27.3%	50% to 200%	ND(0.0069) J	
2J0P007	RAA13-G94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.14) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.014) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.014) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.027) J	
						Acetonitrile	CCAL %D	0.044	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.014) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	Duplicate of RAA13-G92
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	Use original analysis
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0078) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0078) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0078) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.16) J	
						2-Butanone	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.016) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.016) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.016) J	
						Acetone	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	0.032 J	
						Acetonitrile	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.16) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.16) J	
						Acrolein	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.16) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Benzene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Bromomethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Chloroethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Chloroform	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Chloromethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Iodomethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Isobutanol	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.16) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Propionitrile	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.016) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	29.5%	50% to 200%	ND(0.0078) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	0.0087 J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	28.2%	50% to 200%	ND(0.0078) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	24.8%	50% to 200%	ND(0.0078) J	
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.17) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.017) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.017) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.034) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.17) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.017) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0065) J	
2J0P051	RAA13-B90 (1 - 3)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.16) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.016) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.016) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.032) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.16) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.016) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0080) J	
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.14) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.014) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.014) J	
						Acetone	CCAL %D	32.0%	<25%	0.016 J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.014) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0071) J	
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.14) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.014) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.014) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.028) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.014) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0069) J	
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.14) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.014) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.014) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.029) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.014) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0073) J	
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	40.0%	<25%	ND(0.16) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.016) J	
						4-Methyl-2-pentanone	CCAL %D	26.0%	<25%	ND(0.016) J	
						Acetone	CCAL %D	32.0%	<25%	ND(0.031) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.16) J	
						Propionitrile	CCAL %D	29.6%	<25%	ND(0.016) J	
						trans-1,3-Dichloropropene	CCAL %D	26.0%	<25%	ND(0.0078) J	
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.040	>0.05	ND(0.0050) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.040	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.030	>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	
						Methyl Methacrylate	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.010) J	
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P176	RAA13-Z84 (0 - 1)	10/4/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	Use reanalysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0072) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0072) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0072) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.14) J	
						2-Butanone	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.014) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.014) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.014) J	
						Acetone	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.029) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Acrolein	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.14) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Benzene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Bromomethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Chloroethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Chloroform	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Chloromethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Iodomethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Isobutanol	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.14) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Propionitrile	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.014) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.3%	50% to 200%	ND(0.0072) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	38.3%	50% to 200%	ND(0.0072) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	32.4%	50% to 200%	ND(0.0072) J	
2J0P176	RAA13-Z84 (1 - 3)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
2J0P176	RAA13-Z84 (4 - 6)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
2J0P176	RAA13-Z85 (0 - 1)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P176	RAA13-Z88 (0 - 1)	10/4/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	Use original analysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.15) J	
						2-Butanone	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.015) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.015) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.015) J	
						Acetone	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.030) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Acrolein	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.15) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Benzene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Bromomethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Chloroethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Chloroform	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Chloromethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Iodomethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Isobutanol	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.15) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Propionitrile	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.015) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	41.4%	50% to 200%	ND(0.0075) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	46.2%	50% to 200%	ND(0.0075) J	
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	Duplicate of RAA13-C98
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0066) J	
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0070) J	
2J0P292	RAA13-B97 (4 - 6)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0064) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P292	RAA13-B99 (1 - 3)	10/9/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	Use original analysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	36.4%	50% to 200%	ND(0.0065) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	36.4%	50% to 200%	ND(0.0065) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	36.4%	50% to 200%	ND(0.0065) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.13) J	
						2-Butanone	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.013) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.013) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.013) J	
						Acetone	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.026) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Acrolein	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.13) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Benzene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Bromomethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Chloroethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Chloroform	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Chloromethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Iodomethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Isobutanol	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.13) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Propionitrile	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.013) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	36.4%	50% to 200%	ND(0.0065) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	34.0%	50% to 200%	ND(0.0065) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	31.1%	50% to 200%	ND(0.0065) J	
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0067) J	
2J0P292	RAA13-D97 (1 - 3)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0063) J	
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0069) J	
2J0P292	RAA13-D99 (12 - 15)	10/9/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	25.6%	<25%	ND(0.0064) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.005	>0.05	NO(0.10) J	
						Acrylonitrile	ICAL RRF	0.024	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Tetrachloroethene	CCAL %D	25.6%	<25%	ND(0.0020) J	
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0071) J	
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0072) J	
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0066) J	
2J0P453	RAA13-J92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0067) J	
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	Yes	Acetonitrile	CCAL %D	0.046	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Acrylonitrile	CCAL %D	0.046	>0.05	ND(0.0068) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0068) J	
2J0P477	RAA13-Z90 (1 - 3)	10/16/2002	Soil	Tier II	Yes	Acetonitrile	CCAL %D	0.046	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	0.046	>0.05	ND(0.0067) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0067) J	
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0071) J	
2J0P622	RAA13-A83 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0067) J	
2J0P622	RAA13-A83 (12 - 15)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.16) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0080) J	
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0072) J	
2J0P622	RAA13-A84 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0067) J	
2J0P622	RAA13-A84 (4 - 6)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0073) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0073) J	
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0077) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0077) J	
2J0P622	RAA13-A86 (1 - 3)	10/22/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0068) J	
2J0P660	NEW2-DUP-8 (8 - 10)	10/23/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	Duplicate of RAA13-H89
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0063) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0063) J	
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	Acetonitrile	CCAL RRF	0.05	<25%	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0075) J	
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	Acetonitrile	CCAL RRF	0.05	<25%	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0066) J	
2J0P660	RAA13-F89 (12 - 15)	10/23/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0085) J	Use reanalysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0085) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0085) J	
						Acetonitrile	CCAL RRF	0.05	<25%	ND(0.17) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.17) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0085) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0085) J	
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0072) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0072) J	
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0062) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0062) J	
2J0P660	RAA13-H89 (8 - 10)	10/23/2002	Soil	Tier II	Yes	Acetonitrile	CCAL RRF	0.05	<25%	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0065) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Soil	Tier II	Yes	Acetonitrile	CCAL RRF	0.05	<25%	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0050) J	
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0077) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0071) J	
2J0P703	RAA13-1 (4 - 6)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.015) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0077) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0077) J	
2J0P703	RAA13-B78 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.18) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.018) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0089) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0089) J	
2J0P703	RAA13-B78 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.013) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0067) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0067) J	
2J0P703	RAA13-B78 (4 - 6)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.013) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0064) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0064) J	
2J0P703	RAA13-B79 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.015) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0077) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0077) J	
2J0P703	RAA13-B79 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0068) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0068) J	
2J0P703	RAA13-B79 (8 - 10)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0070) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0070) J	
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.8%	50% to 200%	ND(0.011) J	Use original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.8%	50% to 200%	ND(0.011) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.8%	50% to 200%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.23) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.023) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.8%	50% to 200%	ND(0.011) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.011) J	
2J0P703	RAA13-B86 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.5%	50% to 200%	ND(0.014) J	Use original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.5%	50% to 200%	ND(0.014) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.5%	50% to 200%	ND(0.014) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.27) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.027) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	44.5%	50% to 200%	ND(0.014) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.014) J	
2J0P703	RAA13-B86 (4 - 6)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.22) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.022) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.011) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.011) J	
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.6%	50% to 200%	ND(0.0088) J	Use reanalysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.6%	50% to 200%	ND(0.0088) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.6%	50% to 200%	ND(0.0088) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.18) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.018) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0088) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.6%	50% to 200%	ND(0.0088) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0088) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.18) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.018) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0090) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0090) J	
2J0P703	RAA13-B87 (4 - 6)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.015) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0074) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0074) J	
2J0P703	RAA13-C87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.013) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0065) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0065) J	
2J0P703	RAA13-C87 (4 - 6)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0068) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0068) J	
2J0P703	RAA13-D87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.014) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0070) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0070) J	
2J0P703	RAA13-D87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.015) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0074) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0074) J	
2J0P703	RAA13-D87 (12 - 15)	10/24/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Propionitrile	CCAL %D	28.0%	<25%	ND(0.013) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	33.2%	<25%	ND(0.0066) J	
						Vinyl Acetate	CCAL %D	32.8%	<25%	ND(0.0066) J	
2J0P752	NEW2-DUP-10 (8 - 10)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.15) J	Duplicate of RAA13-B84
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0074) J	
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0074) J	
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.14) J	Use original analysis
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0071) J	
						1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.4%	50% to 200%	ND(0.0071) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.4%	50% to 200%	ND(0.0071) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.4%	50% to 200%	ND(0.0071) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.14) J	
						2-Butanone	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.014) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.014) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.014) J	
						Acetone	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.028) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.14) J	
						Acrolein	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.14) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Benzene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Bromomethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	Carbon Disulfide	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Chloroethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Chloroform	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Chloromethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Iodomethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Isobutanol	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.14) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Propionitrile	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.014) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	41.4%	50% to 200%	ND(0.0071) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	35.5%	50% to 200%	ND(0.0071) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	37.7%	50% to 200%	ND(0.0071) J	
2J0P752	RAA13-B84 (8 - 10)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0070) J	
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0074) J	
2J0P752	RAA13-C85 (1 - 3)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.15) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0074) J	
2J0P752	RAA13-C85 (8 - 10)	10/25/2002	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	27.0%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromomethane	CCAL %D	31.6%	<25%	ND(0.0062) J	
2J0P752	RB-102502-1 (0 - 0)	10/25/2002	Soil	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	
SVOCs											
2I0P596	NEW2-DUP-1 (6 - 10)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.55) J	Duplicate of RAA13-B2
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(1.0) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(1.1) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.55) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	
						Aramite	CCAL %D	26.4%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(1.1) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.1) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2I0P596	RAA13-A95 (1 - 3)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.45) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.75) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.90) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.45) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.75) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.75) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.90) J	
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.42) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.84) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.42) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.70) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.84) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.84) J	
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.38) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.77) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.70) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.77) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.77) J	
2I0P596	RAA13-B2 (6 - 10)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.47) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.94) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.94) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.94) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.94) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.94) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.94) J	
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.45) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.90) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.45) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.70) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.90) J	
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.95) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.95) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(1.9) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.95) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.95) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.95) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.95) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(1.9) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.9) J	
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.40) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.80) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.80) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.40) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.80) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	

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NEWELL STREET AREA II 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)											
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.40) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.80) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.80) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.40) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.80) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.35) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.70) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.70) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.70) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.70) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.70) J	
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.44) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.74) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.88) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.44) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.74) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.88) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.88) J	
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Water	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.010) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.3%	<25%	ND(0.020) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.010) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.020) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.42) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.7%	<25%	ND(0.84) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.84) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.84) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.84) J	
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.63) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.7%	<25%	ND(0.90) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.90) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(1.3) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.3) J	
2J0P007	RAA13-E95 (1 - 3)	9/30/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.66) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.7%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.94) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(1.3) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.3) J	
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.51) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.7%	<25%	ND(0.93) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.93) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(1.0) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.0) J	
2J0P007	RAA13-G94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	25.8%	<25%	ND(0.45) J	
						4-Nitroquinoline-1-oxide	CCAL %D	37.7%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.91) J	
						Benzidine	CCAL %D	41.0%	<25%	ND(0.91) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.91) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	Duplicate of RAA13-G92
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(1.2) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.2) J	
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.1) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(1.1) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(1.1) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.1) J	
2J0P051	RAA13-B90 (1 - 3)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.1) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(1.1) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(1.1) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.1) J	
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.95) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(0.95) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(0.95) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.95) J	
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.93) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(0.93) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(0.93) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.93) J	
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.98) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(0.98) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(0.98) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.98) J	
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(1.2) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.2) J	
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	25.2%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	33.6%	<25%	ND(0.020) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.98) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.98) J	
2J0P176	RAA13-Z84 (0 - 1)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.96) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.96) J	
2J0P176	RAA13-Z84 (1 - 3)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.90) J	
2J0P176	RAA13-Z84 (3 - 6)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.96) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.96) J	
2J0P176	RAA13-Z85 (0 - 1)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.0) J	
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.94) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.94) J	
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.87) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.87) J	
2J0P176	RAA13-Z88 (0 - 1)	10/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.0) J	
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.89) J	Duplicate of RAA13-C98
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.89) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.89) J	
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.93) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(3.0) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.93) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.2) J	
2J0P292	RAA13-B97 (3 - 6)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.85) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.8) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.85) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.1) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P292	RAA13-B99 (1 - 3)	10/9/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	0.0%	38.0% - 107.0%	R	
						4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.87) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.87) J	
						Acenaphthene	MS %R	0.0%	31.0% - 137.0%	R	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.87) J	
						N-Nitroso-di-n-propylamine	MSD %R	0.0%	41.0% - 126.0%	R	
						Pyrene	MS %R	11.0%	35.0% - 142.0%	0.62 J	
						Pyrene	MSD %R	17.0%	35.0% - 142.0%	0.62 J	
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.90) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.7) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.1) J	
2J0P292	RAA13-D97 (1 - 3)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.85) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.85) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.85) J	
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.92) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(2.3) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.92) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.92) J	
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	Yes	4-Chlorobenzilate	CCAL %D	38.5%	<30%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	31.3%	<30%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.020) J	
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.95) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.95) J	
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.96) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.96) J	
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.89) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.89) J	
2J0P453	RAA13-J92 (0 - 1)	10/15/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.90) J	
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	ICAL RRF	0.03	>0.05	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.91) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.91) J	
2J0P477	RAA13-Z90 (1 - 3)	10/16/2002	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	ICAL RRF	0.03	>0.05	ND(0.90) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.90) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.90) J	
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.95) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.95) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.95) J	
2J0P622	RAA13-A83 (1 - 3)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.45) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.90) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.90) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.45) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.90) J	
2J0P622	RAA13-A83 (10 - 15)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.54) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(1.1) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.1) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.54) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.1) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.48) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.96) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.96) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.48) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.96) J	
2J0P622	RAA13-A84 (1 - 3)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.44) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.89) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.89) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.44) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.89) J	
2J0P622	RAA13-A84 (6 - 10)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.49) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.98) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.98) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.98) J	
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.51) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.0) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.51) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.0) J	
2J0P622	RAA13-A86 (1 - 3)	10/22/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.46) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.92) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.92) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.46) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.92) J	
2J0P660	NEW2-DUP-8 (6 - 10)	10/23/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.42) J	Duplicate of RAA13-H89
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.84) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.84) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.42) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.84) J	
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.50) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.0) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.50) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.0) J	
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	26.0%	<25%	ND(0.88) J	
						2,4-Dinitrophenol	CCAL %D	28.5%	<25%	ND(2.2) J	
						2-Acetylaminofluorene	CCAL %D	31.9%	<25%	ND(0.88) J	
						4-Nitrophenol	CCAL %D	37.8%	<25%	ND(2.2) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.88) J	
						Aramite	CCAL %D	25.3%	<25%	ND(0.88) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.88) J	
						N-Nitrosomethylethylamine	CCAL %D	37.4%	<25%	ND(0.88) J	
2J0P660	RAA13-F89 (10 - 15)	10/23/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.57) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(1.1) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.1) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.57) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.1) J	
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	26.0%	<25%	ND(0.97) J	
						2,4-Dinitrophenol	CCAL %D	28.5%	<25%	ND(2.4) J	
						2-Acetylaminofluorene	CCAL %D	31.9%	<25%	ND(0.97) J	
						4-Nitrophenol	CCAL %D	37.8%	<25%	ND(2.4) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.97) J	
						Aramite	CCAL %D	25.3%	<25%	ND(0.97) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.97) J	
						N-Nitrosomethylethylamine	CCAL %D	37.4%	<25%	ND(0.97) J	

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(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)											
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	26.0%	<25%	ND(0.83) J	
						2,4-Dinitrophenol	CCAL %D	28.5%	<25%	ND(2.1) J	
						2-Acetylaminofluorene	CCAL %D	31.9%	<25%	ND(0.83) J	
						4-Nitrophenol	CCAL %D	37.8%	<25%	ND(2.1) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.83) J	
						Aramite	CCAL %D	25.3%	<25%	ND(0.83) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.83) J	
						N-Nitrosomethylethylamine	CCAL %D	37.4%	<25%	ND(0.83) J	
2J0P660	RAA13-H89 (6 - 10)	10/23/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.43) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.87) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.87) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.43) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.87) J	
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.4%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.5%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.010) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.020) J	
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.80) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.95) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.80) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.95) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.95) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.95) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(1.6) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.6) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.95) J	
2J0P703	RAA13-1 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(1.0) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.0) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(1.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.0) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(2.0) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(1.0) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(2.0) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.0) J	
2J0P703	RAA13-B78 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.71) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.2) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.71) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.2) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.2) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.2) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(1.4) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.71) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.4) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.2) J	
2J0P703	RAA13-B78 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.49) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.90) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.49) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.90) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.90) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.90) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.98) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.98) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.90) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P703	RAA13-B78 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.43) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.86) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.43) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.86) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.86) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.86) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.86) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.43) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.86) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.86) J	
2J0P703	RAA13-B79 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.77) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.0) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.0) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(1.5) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.77) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.5) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.0) J	
2J0P703	RAA13-B79 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.45) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.91) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.45) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.91) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.91) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.91) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.45) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.91) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.91) J	
2J0P703	RAA13-B79 (6 - 10)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.47) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.94) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.94) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.94) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.94) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.94) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.94) J	
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(1.3) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.5) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(1.3) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.5) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.5) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.5) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(2.6) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(1.3) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(2.6) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.5) J	
2J0P703	RAA13-B86 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(1.5) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.8) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(1.5) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.8) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.8) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(3.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(1.5) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(3.1) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.8) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P703	RAA13-B86 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(1.6) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.6) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(1.6) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.6) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.6) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.6) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(3.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(1.6) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(3.1) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.6) J	
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(1.1) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.2) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(1.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.2) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.2) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.2) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(2.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(1.1) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(2.1) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.2) J	
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.60) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(1.2) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.60) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(1.2) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(1.2) J	
						Aramite	CCAL %D	31.9%	<25%	ND(1.2) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(1.2) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.60) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.2) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(1.2) J	
2J0P703	RAA13-B87 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.49) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.99) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.49) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.99) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.99) J	
2J0P703	RAA13-C87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.44) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.88) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.44) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.88) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.88) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.88) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.88) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.44) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.88) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.88) J	
2J0P703	RAA13-C87 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.50) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.91) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.50) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.91) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.91) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.91) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(1.0) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.50) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(1.0) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.91) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P703	RAA13-D87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.47) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.94) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.94) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.94) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.94) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.94) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.94) J	
2J0P703	RAA13-D87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.2%	<25%	ND(0.49) J	
						2-Acetylaminofluorene	CCAL %D	34.2%	<25%	ND(0.99) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.9%	<25%	ND(0.49) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Aramite	CCAL %D	31.9%	<25%	ND(0.99) J	
						Benzidine	CCAL %D	26.7%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.6%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(0.99) J	
2J0P752	NEW2-DUP-10 (6 - 10)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.49) J	Duplicate of RAA13-B84
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.99) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.99) J	
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.49) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.99) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.99) J	
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.47) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.95) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.95) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.95) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.95) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.95) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.95) J	
2J0P752	RAA13-B84 (6 - 10)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.47) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.94) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.94) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.94) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.47) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.94) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.94) J	
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.49) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.99) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.99) J	

TABLE C-1
NEWELL STREET AREA II 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)											
2J0P752	RAA13-C85 (1 - 3)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.49) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.99) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.99) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.99) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.49) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.99) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.99) J	
2J0P752	RAA13-C85 (6 - 10)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.42) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.84) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.84) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.84) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.84) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.42) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.84) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.84) J	
2J0P752	RB-102502-1 (0 - 0)	10/25/2002	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	30.0%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	26.0%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	36.9%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.02	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	37.6%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	36.1%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.03	>0.05	ND(0.020) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
PCDDs/PCDFs											
2I0P596	NEW2-DUP-1 (6 - 10)	9/26/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.011 EJ	Duplicate of RAA13-B2
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.016 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0063 YEJ	
2I0P596	RAA13-A95 (1 - 3)	9/26/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Internal Standard Theoretical Ratio	-	-	0.019 J	
						1,2,3,7,8-PeCDF	Internal Standard Theoretical Ratio	-	-	0.0056 J	
						HpCDFs (total)	Internal Standard Theoretical Ratio	-	-	0.032 J	
						PeCDFs (total)	Internal Standard Theoretical Ratio	-	-	0.080 J	
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-B2 (6 - 10)	9/26/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.010 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0047 YEJ	
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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
PCDDs/PCDFs (continued)											
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	MS %R	303.0%	70% to 130%	0.0012 J	
						1,2,3,4,6,7,8-HpCDD	MS/MSD RPD	118.0%	<20%	0.0012 J	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.014 EIJ	
						1,2,3,4,6,7,8-HpCDF	MS/MSD RPD	251.0%	<20%	0.014 EIJ	
						1,2,3,4,7,8,9-HpCDF	MS %R	356.0%	70% to 130%	0.0032 J	
						1,2,3,4,7,8,9-HpCDF	MS/MSD RPD	154.0%	<20%	0.0032 J	
						1,2,3,4,7,8-HxCDD	MS/MSD RPD	22.7%	<20%	0.00015 J	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.017 EIJ	
						1,2,3,4,7,8-HxCDF	MS/MSD RPD	216.0%	<20%	0.017 EIJ	
						1,2,3,6,7,8-HxCDD	MS %R	210.0%	70% to 130%	0.00025 J	
						1,2,3,6,7,8-HxCDD	MS/MSD RPD	69.0%	<20%	0.00025 J	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0099 EIJ	
						1,2,3,6,7,8-HxCDF	MS/MSD RPD	208.0%	<20%	0.0099 EIJ	
						1,2,3,7,8,9-HxCDD	MS %R	202.0%	70% to 130%	0.00020 J	
						1,2,3,7,8,9-HxCDD	MS/MSD RPD	62.0%	<20%	0.00020 J	
						1,2,3,7,8,9-HxCDF	MS/MSD RPD	138.0%	<20%	0.0027 J	
						1,2,3,7,8,9-HxCDF	MSD %R	34.3%	70% to 130%	0.0027 J	
						1,2,3,7,8-PeCDD	MS %R	159.0%	70% to 130%	0.00016 J	
						1,2,3,7,8-PeCDD	MS/MSD RPD	49.5%	<20%	0.00016 J	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.010 EIJ	
						1,2,3,7,8-PeCDF	MS/MSD RPD	261.0%	<20%	0.010 EIJ	
						2,3,4,6,7,8-HxCDF	MS/MSD RPD	129.0%	<20%	0.0040 J	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0087 EIJ	
						2,3,4,7,8-PeCDF	MS/MSD RPD	154.0%	<20%	0.0087 EIJ	
						2,3,7,8-TCDD	MS %R	165.0%	70% to 130%	0.000050 J	
						2,3,7,8-TCDD	MS/MSD RPD	52.8%	<20%	0.000050 J	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0090 YEJ	
						2,3,7,8-TCDF	MS/MSD RPD	160.0%	<20%	0.0090 YEJ	
						OCDD	MS %R	135.0%	70% to 130%	0.0021 J	
						OCDD	MS/MSD RPD	51.0%	<20%	0.0021 J	
						OCDF	MS/MSD RPD	119.0%	<20%	0.011 J	
						OCDF	MSD %R	46.3%	70% to 130%	0.011 J	
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0058 E	-	0.0058 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0067 EI	-	0.0067 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.0034 EI	-	0.0034 EIJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	0.0032 E	-	0.0032 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0038 E	-	0.0038 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0046 YE	-	0.0046 YEJ	
						OCDF	Exceeds CAL Range	0.0069 E	-	0.0069 EJ	
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	0.00097 YE	-	0.00097 YEJ	
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Soil	Tier II	No						
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Exceeds CAL Range	0.0071 E	-	0.0071 EJ	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0081 E	-	0.0081 EJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	0.0035 E	-	0.0035 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0073 E	-	0.0073 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	0.0029 E	-	0.0029 EJ	
						OCDD	Exceeds CAL Range	0.020 E	-	0.020 EJ	
						OCDF	Exceeds CAL Range	0.0062 E	-	0.0062 EJ	
2J0P007	RAA13-E95 (1 - 3)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Exceeds CAL Range	0.0071 E	-	0.0071 EJ	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.013 E	-	0.013 EJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	0.0084 E	-	0.0084 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0074 E	-	0.0074 EJ	
						OCDD	Exceeds CAL Range	0.012 E	-	0.012 EJ	
						OCDF	Exceeds CAL Range	0.052 EI	-	0.052 EIJ	
2J0P007	RAA13-F93 (3 - 6)	9/30/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.012 E	-	0.012 EJ	
						OCDF	Exceeds CAL Range	0.041 E	-	0.041 EJ	
2J0P007	RAA13-G94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-H93 (10 - 15)	9/30/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000026)	
2J0P007	RAA13-H93 (6 - 10)	9/30/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000040)	
2J0P007	RAA13-Z92 (0 - 1)	9/30/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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
PCDDs/PCDFs (continued)											
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.015 EI	-	0.015 EIJ	Duplicate of RAA13-G92
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.014 EI	-	0.014 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.014 YE	-	0.014 YEJ	
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-B90 (1 - 3)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	No						
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Soil	Tier II	No						
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0018 E	-	0.0018 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0015 E	-	0.0015 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0011 E	-	0.0011 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0013 YEQI	-	0.0013 YEQIJ	
						OCDD	Exceeds CAL Range	0.0037 E	-	0.0037 EJ	
2J0P176	RAA13-Z84 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000011)	
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000036)	
2J0P176	RAA13-Z88 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	PeCDDs (total)	Field Duplicate RPD (Soil)	69.1%	<50%	0.000037 J	Duplicate of RAA13-C98
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.022 EIJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.023 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.014 EIJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.013 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.011 YEIJ	
						OCDF	Exceeds CAL Range	-	-	0.023 EIJ	
2J0P292	RAA13-B97 (3 - 6)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B99 (1 - 3)	10/9/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	MS %R	0.0%	70% to 130%	0.00059 J	
						2,3,7,8-TCDF	MSD %R	0.0%	70% to 130%	0.00059 J	
						1,2,3,7,8-PeCDF	MS %R	50.3%	70% to 130%	0.00012 J	
						1,2,3,7,8-PeCDF	MSD %R	41.9%	70% to 130%	0.00012 J	
						2,3,4,7,8-PeCDF	MS %R	37.5%	70% to 130%	0.00059 J	
						2,3,4,7,8-PeCDF	MSD %R	18.1%	70% to 130%	0.00059 J	
						1,2,3,4,7,8-HxCDF	MS %R	0.0%	70% to 130%	0.00034 J	
						1,2,3,4,7,8-HxCDF	MSD %R	0.0%	70% to 130%	0.00034 J	
						1,2,3,6,7,8-HxCDF	MS %R	43.6%	70% to 130%	0.00026 J	
						1,2,3,6,7,8-HxCDF	MSD %R	31.4%	70% to 130%	0.00026 J	
						2,3,4,6,7,8-HxCDF	MS %R	69.8%	70% to 130%	0.00021 J	
						2,3,4,6,7,8-HxCDF	MS %R	63.3%	70% to 130%	0.00021 J	
						1,2,3,4,6,7,8-HpCDF	MS %R	0.0%	70% to 130%	0.00032 J	
						1,2,3,4,6,7,8-HpCDF	MSD %R	0.0%	70% to 130%	0.00032 J	
						1,2,3,4,7,8,9-HpCDF	MS %R	68.2%	70% to 130%	0.00034 YI J	
						1,2,3,4,7,8,9-HpCDF	MSD %R	64.7%	70% to 130%	0.00034 YI J	
						OCDF	MSD %R	57.8%	70% to 130%	0.00031 J	
						OCDD	MS %R	68.5%	70% to 130%	0.00048 J	
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	PeCDDs (total)	Field Duplicate RPD (Soil)	69.1%	<50%	0.000018 J	
2J0P292	RAA13-D97 (1 - 3)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D97 (6 - 10)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D99 (10 - 15)	10/9/2002	Soil	Tier II	No						
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	No						
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-J92 (0 - 1)	10/15/2002	Soil	Tier II	No						

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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
PCDDs/PCDFs (continued)											
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0062 E	-	0.0062 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0069 E	-	0.0069 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.0040 E	-	0.0040 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0028 E	-	0.0028 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0019 YE	-	0.0019 YEJ	
						OCDF	Exceeds CAL Range	0.0077 E	-	0.0077 EJ	
2J0P477	RAA13-Z90 (1 - 3)	10/16/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.014 EI	-	0.014 EIJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	0.0060 E	-	0.0060 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.020 EI	-	0.020 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.011 EI	-	0.011 EIJ	
						1,2,3,7,8,9-HxCDF	Exceeds CAL Range	0.0039 E	-	0.0039 EJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	0.0034 E	-	0.0034 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	0.0059 E	-	0.0059 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0080 EI	-	0.0080 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0040 YEI	-	0.0040 YEIJ	
						OCDF	Exceeds CAL Range	0.015 EI	-	0.015 EIJ	
						2,3,7,8-TCDD	Internal Standard %R	19.3%	40% to 130%	0.000026 J	
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (1 - 3)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (10 - 15)	10/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000025)	
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A84 (1 - 3)	10/22/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000042)	
2J0P622	RAA13-A84 (6 - 10)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A86 (1 - 3)	10/22/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0035 E	-	0.0035 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0055 EI	-	0.0055 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.0036 EI	-	0.0036 EIJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	0.0026 E	-	0.0026 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0026 E	-	0.0026 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0016 YEI	-	0.0016 YEIJ	
2J0P660	NEW2-DUP-8 (6 - 10)	10/23/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.00000019)	Duplicate of RAA13-H89
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.00000030)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000022)	
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Incorrect Qualifier	-	-	0.000080 YI	
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000056)	
						OCDD	Method Blank	-	-	ND(0.0000029)	
2J0P660	RAA13-H89 (6 - 10)	10/23/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000040)	
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.00000025)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000068)	
						OCDD	Method Blank	-	-	ND(0.0000015)	
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Exceeds CAL Range	-	0.0015 E	0.0015 EJ	
						OCDD	Exceeds CAL Range	-	0.015 E	0.015 EJ	
						OCDF	Exceeds CAL Range	-	0.0044 E	0.0044 EJ	
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Incorrect Qualifier	-	-	0.0000019 YI	
2J0P660	RAA13-F89 (10 - 15)	10/23/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000050)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000025)	
						1,2,3,4,7,8-HxCDF	Method Blank	-	-	ND(0.00000021)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.000000072)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000011)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000086)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000025)	
						OCDD	Method Blank	-	-	ND(0.0000039)	
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Soil	Tier II	No						
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000070)	
2J0P703	RAA13-1 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (3 - 6)	10/24/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000091)	
2J0P703	RAA13-B79 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B79 (1 - 3)	10/24/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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
PCDDs/PCDFs (continued)											
2J0P703	RAA13-B79 (6 - 10)	10/24/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000047)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000047)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000048)	
						OCDD	Method Blank	-	-	ND(0.0000020)	
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B86 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B86 (3 - 6)	10/24/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000021)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000021)	
						OCDD	Method Blank	-	-	ND(0.000018)	
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0030 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0078 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0032 EIJ	
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0038 EJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	-	-	0.0038 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.015 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0060 EIJ	
						1,2,3,7,8,9-HxCDF	Exceeds CAL Range	-	-	0.0038 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0031 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0038 EJ	
2J0P703	RAA13-B87 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-C87 (0 - 1)	10/24/2002	Soil	Tier II	Yes	PeCDDs (total)	Method Blank	-	-	ND(0.0000016)	
2J0P703	RAA13-C87 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-D87 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-D87 (1 - 3)	10/24/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000064)	
						OCDD	Method Blank	-	-	ND(0.000017)	
						OCDF	Method Blank	-	-	ND(0.0000090)	
2J0P752	NEW2-DUP-10 (6 - 10)	10/25/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000048)	Duplicate of RAA13-B84
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000024)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000048)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000024)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000011)	
						OCDD	Method Blank	-	-	ND(0.0000030)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000017)	
						HxCDDs (total)	Field Duplicate RPD (Soil)	64.3%	<50%	0.00000019 J	
						TCDDs (total)	Field Duplicate RPD (Soil)	63.6%	<50%	0.00000015 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	51.2%	<50%	0.00000032 J	
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier II	No						
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000015)	
						OCDD	Method Blank	-	-	ND(0.0000038)	
2J0P752	RAA13-B84 (6 - 10)	10/25/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000044)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000044)	
						OCDD	Method Blank	-	-	ND(0.0000037)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000020)	
						HxCDDs (total)	Field Duplicate RPD (Soil)	64.3%	<50%	0.00000037 J	
						TCDDs (total)	Field Duplicate RPD (Soil)	63.6%	<50%	0.00000029 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	51.2%	<50%	0.00000054 J	
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier II	No						
2J0P752	RAA13-C85 (1 - 3)	10/25/2002	Soil	Tier II	No						
2J0P752	RAA13-C85 (6 - 10)	10/25/2002	Soil	Tier II	No						
2J0P752	RB-102502-1 (0 - 0)	10/25/2002	Soil	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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											
2I0P596	NEW2-DUP-1 (6 - 10)	9/26/2002	Soil	Tier II	No						Duplicate of RAA13-B2
2I0P596	RAA13-A95 (1 - 3)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-A99 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-B1 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-B2 (6 - 10)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-B96 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-C3 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-C5 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-C5 (1 - 3)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-C96 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RAA13-F96 (0 - 1)	9/26/2002	Soil	Tier II	No						
2I0P596	RB-092602-1 (0 - 0)	9/26/2002	Water	Tier II	No						
2J0P007	RAA13-A94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-E94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-E95 (1 - 3)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-F93 (1 - 3)	9/30/2002	Soil	Tier II	No						
2J0P007	RAA13-G94 (0 - 1)	9/30/2002	Soil	Tier II	No						
2J0P051	NEW2-DUP-4 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	62 J	Duplicate of RAA13-G92
2J0P051	RAA13-B90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	49 J	
2J0P051	RAA13-B90 (1 - 3)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	69 J	
2J0P051	RAA13-C92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	41 J	
2J0P051	RAA13-D90 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	33 J	
2J0P051	RAA13-E92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	44 J	
2J0P051	RAA13-G92 (0 - 1)	10/1/2002	Soil	Tier II	Yes	Sulfide	MS %R	64.0%	75% to 125%	35 J	
2J0P051	RB-100102-2 (0 - 0)	10/1/2002	Water	Tier II	No						
2J0P176	RAA13-A89 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z84 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (1 - 3)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z85 (3 - 6)	10/4/2002	Soil	Tier II	No						
2J0P176	RAA13-Z88 (0 - 1)	10/4/2002	Soil	Tier II	No						
2J0P292	NEW2-DUP-6 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	73.2%	75% to 125%	28 J	Duplicate of RAA13-C98
2J0P292	RAA13-A97 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B97 (3 - 6)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-B99 (1 - 3)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-C98 (0 - 1)	10/9/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	73.2%	75% to 125%	13 J	
2J0P292	RAA13-D97 (1 - 3)	10/9/2002	Soil	Tier II	No						
2J0P292	RAA13-D98 (0 - 1)	10/9/2002	Soil	Tier II	No						
2J0P292	RB-100902-1 (0 - 0)	10/9/2002	Water	Tier II	No						
2J0P453	RAA13-E87 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-G90 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-I92 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P453	RAA13-J92 (0 - 1)	10/15/2002	Soil	Tier II	No						
2J0P477	RAA13-Z90 (0 - 1)	10/16/2002	Soil	Tier II	No						
2J0P477	RAA13-Z90 (1 - 3)	10/16/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (1 - 3)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A83 (10 - 15)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A84 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A84 (1 - 3)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A84 (6 - 10)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A86 (0 - 1)	10/22/2002	Soil	Tier II	No						
2J0P622	RAA13-A86 (1 - 3)	10/22/2002	Soil	Tier II	No						
2J0P660	NEW2-DUP-8 (6 - 10)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	12.0 J	Duplicate of RAA13-H89
2J0P660	RAA13-F89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	130 J	
2J0P660	RAA13-F89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	36.0 J	
2J0P660	RAA13-F89 (10 - 15)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	57.0 J	
2J0P660	RAA13-H89 (0 - 1)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	16.0 J	
2J0P660	RAA13-H89 (1 - 3)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	22.0 J	
2J0P660	RAA13-H89 (6 - 10)	10/23/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	76.9%	<50%	27.0 J	
2J0P660	RB-102302-1 (0 - 0)	10/23/2002	Water	Tier II	No						

TABLE C-1
NEWELL STREET AREA II 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 (continued)											
2J0P703	RAA13-1 (21 - 23)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-1 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B78 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B79 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B79 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B79 (6 - 10)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B86 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B86 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B86 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B87 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B87 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-B87 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-C87 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-C87 (3 - 6)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-D87 (0 - 1)	10/24/2002	Soil	Tier II	No						
2J0P703	RAA13-D87 (1 - 3)	10/24/2002	Soil	Tier II	No						
2J0P752	NEW2-DUP-10 (6 - 10)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	ND(7.40) J	Duplicate of RAA13-B84
2J0P752	RAA13-B84 (0 - 1)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	26.0 J	
2J0P752	RAA13-B84 (1 - 3)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	16.0 J	
2J0P752	RAA13-B84 (6 - 10)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	11.0 J	
2J0P752	RAA13-C85 (0 - 1)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	26.0 J	
2J0P752	RAA13-C85 (1 - 3)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	24.0 J	
2J0P752	RAA13-C85 (6 - 10)	10/25/2002	Soil	Tier II	Yes	Sulfide	Field Duplicate RPD (Soil)	200.0%	<50%	18.0 J	
2J0P752	RB-102502-1 (0 - 0)	10/25/2002	Water	Tier II	No						