



**General Electric Company
Pittsfield, Massachusetts**

**Conceptual Removal Design/
Removal Action Work Plan for
Soils Adjacent to Silver Lake**

Volume III of III

May 2007

Volume III of III

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Appendix E

Non-PCB Appendix IX+3
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ARCADIS BBL

Parcel 19-9-1 (bank)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	2.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,1-Trichloroethane	680	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,2,2-Tetrachloroethane	0.36	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1,2-Trichloroethane	0.82	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1-Dichloroethane	570	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,1-Dichloroethene	0.052	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2,3-Trichloropropane	0.0014	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dibromo-3-chloropropane	0.32	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dibromoethane	0.0049	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dichloroethane	0.34	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,2-Dichloropropane	0.34	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
1,4-Dioxane	40	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
2-Butanone	6900	NA	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	3.6	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
2-Chloroethylvinylether	0.18	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
2-Hexanone	750	NA	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropene	2700	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
4-Methyl-2-pentanone	750	NA	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	1400	NA	ND(0.022)	ND(0.024)	ND(0.021)
Acetonitrile	200	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrolein	0.1	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrylonitrile	0.19	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Benzene	0.62	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromodichloromethane	0.98	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromoform	56	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Bromomethane	3.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Carbon Disulfide	350	NA	ND(0.0054) J	ND(0.0060) J	ND(0.0053) J
Carbon Tetrachloride	0.23	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chlorobenzene	54	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloroethane	1600	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloroform	0.24	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Chloromethane	1.2	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
cis-1,3-Dichloropropene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dibromochloromethane	5.3	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dibromomethane	550	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Dichlorodifluoromethane	94	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Ethyl Methacrylate	140	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Ethylbenzene	230	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Iodomethane	1.2	NA	ND(0.0054) J	ND(0.0060) J	ND(0.0053) J
Isobutanol	10000	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile	1.8	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Methyl Methacrylate	2200	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Methylene Chloride	8.5	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Propionitrile	200	NA	ND(0.011)	ND(0.012)	ND(0.011)
Styrene	1700	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Tetrachloroethene	4.7	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Toluene	520	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,2-Dichloroethene	62	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,3-Dichloropropene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
trans-1,4-Dichloro-2-butene	Not Listed	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Trichloroethene	2.7	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Trichlorofluoromethane	380	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Vinyl Acetate	420	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Vinyl Chloride	0.021	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)
Xylenes (total)	210	NA	ND(0.0054)	ND(0.0060)	ND(0.0053)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI I9-9-1-SB-1 I9-9-1-SB-1 0-1 06/18/03	PDI I9-9-1-SB-1 I9-9-1-SB-1 3-5 06/18/03	PDI I9-9-1-SB-3 I9-9-1-SB-3 0-1 06/17/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2,4-Trichlorobenzene	480	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2-Dichlorobenzene	370	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,2-Diphenylhydrazine	0.56	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,3,5-Trinitrobenzene	1600	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
1,3-Dichlorobenzene	41	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,3-Dinitrobenzene	5.5	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
1,4-Dichlorobenzene	3	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
1,4-Naphthoquinone	55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
1-Naphthylamine	Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2,3,4,6-Tetrachlorophenol	1600	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4,5-Trichlorophenol	5500	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.36)
2,4,6-Trichlorophenol	40	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dichlorophenol	160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dimethylphenol	1100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,4-Dinitrophenol	110	ND(2.0)	ND(1.8) J	ND(2.0) J	ND(1.8) J
2,4-Dinitrotoluene	110	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,6-Dichlorophenol	160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2,6-Dinitrotoluene	55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Acetylaminofluorene	0.56	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
2-Chloronaphthalene	3700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Chlorophenol	59	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Methylnaphthalene	55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Methylphenol	2700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
2-Naphthylamine	Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2-Nitroaniline	3.3	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
2-Nitrophenol	Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
2-Picoline	55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
3&4-Methylphenol	270	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
3,3'-Dichlorobenzidine	0.99	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
3,3'-Dimethylbenzidine	0.048	ND(1.6)	ND(0.36)	ND(0.40)	ND(0.36)
3-Methylcholanthrene	0.056	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
3-Nitroaniline	5.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol	55	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.36)
4-Aminobiphenyl	1400	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
4-Bromophenyl-phenylether	160	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chloro-3-Methylphenol	2700	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chloroaniline	220	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Chlorobenzilate	1.6	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
4-Chlorophenyl-phenylether	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
4-Nitroaniline	5.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
4-Nitrophenol	3400	ND(2.0)	ND(1.8) J	ND(2.0) J	ND(1.8) J
4-Nitroquinoline-1-oxide	110	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
4-Phenylenediamine	10000	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
5-Nitro-o-toluidine	13	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
a,a'-Dimethylphenethylamine	55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Acenaphthene	2600	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Acenaphthylene	55	0.26 J	ND(0.36)	ND(0.40)	ND(0.36)
Acetophenone	0.49	0.14 JB	ND(0.36)	ND(0.40)	ND(0.36)
Aniline	78	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Anthracene	14000	0.27 J	ND(0.36)	0.089 J	ND(0.36)
Aramite	18	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
Benzidine	0.0019	ND(0.80)	ND(0.73) J	ND(0.80) J	ND(0.72) J
Benzo(a)anthracene	0.56	0.71 J	ND(0.36)	0.41	ND(0.36)
Benzo(a)pyrene	0.056	0.93	ND(0.36)	0.42	ND(0.36)
Benzo(b)fluoranthene	0.56	0.91	ND(0.36)	0.43	ND(0.36)
Benzo(g,h,i)perylene	55	0.30 J	ND(0.36)	0.31 J	ND(0.36)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI 19-9-1-SB-1 19-9-1-SB-1 0-1 06/18/03	PDI 19-9-1-SB-1 19-9-1-SB-1 3-5 06/18/03	PDI 19-9-1-SB-3 19-9-1-SB-3 0-1 06/17/03
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	5.6	1.1	ND(0.36)	0.32 J	ND(0.36)
Benzyl Alcohol	16000	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
bis(2-Chloroethoxy)methane	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
bis(2-Chloroethyl)ether	0.18	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
bis(2-Chloroisopropyl)ether	2.5	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
bis(2-Ethylhexyl)phthalate	32	0.15 J	ND(0.36)	ND(0.39)	ND(0.35)
Butylbenzylphthalate	930	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Chrysene	56	0.85	ND(0.36)	0.46	ND(0.36)
Diallate	7.3	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Dibenzo(a,h)anthracene	0.056	0.27 J	ND(0.36)	ND(0.40)	ND(0.36)
Dibenzofuran	210	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Diethylphthalate	44000	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Dimethylphthalate	100000	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Di-n-Butylphthalate	5500	0.31 J	ND(0.36)	ND(0.40)	ND(0.36)
Di-n-Octylphthalate	1100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Dinoseb	55	ND(0.80)	NA	NA	NA
Diphenylamine	1400	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Ethyl Methanesulfonate	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Fluoranthene	2000	1.1	0.085 J	0.75	0.10 J
Fluorene	1800	0.13 J	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorobenzene	0.28	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
Hexachlorobutadiene	5.7	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorocyclopentadiene	380	ND(0.80)	ND(0.36) J	ND(0.40) J	ND(0.36) J
Hexachloroethane	32	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Hexachlorophene	16	ND(3.9)	ND(0.73) J	ND(0.80) J	ND(0.72) J
Hexachloropropene	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.56	0.46 J	ND(0.36)	0.27 J	ND(0.36)
Isodrin	Not Listed	NA	ND(0.36)	ND(0.40)	ND(0.36) J
Isophorone	470	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Isosafrole	Not Listed	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Methapyrene	55	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Methyl Methanesulfonate	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Naphthalene	55	0.094 J	ND(0.36)	ND(0.40)	ND(0.36)
Nitrobenzene	16	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodiethylamine	0.003	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodimethylamine	0.0087	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitroso-di-n-butylamine	0.022	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
N-Nitroso-di-n-propylamine	0.063	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosodiphenylamine	91	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosomethylethylamine	0.02	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
N-Nitrosomorpholine	0.21	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosopiperidine	0.21	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
N-Nitrosopyrrolidine	0.21	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
o,o,o-Triethylphosphorothioate	11	NA	ND(0.36)	ND(0.40)	ND(0.36)
o-Toluidine	1.9	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
p-Dimethylaminoazobenzene	0.99	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Pentachlorobenzene	44	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pentachloroethane	2.8	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pentachloronitrobenzene	1.7	ND(0.80)	ND(0.73)	ND(0.80)	ND(0.72)
Pentachlorophenol	2.5	ND(2.0)	ND(1.8)	ND(2.0)	ND(1.8)
Phenacetin	640	ND(1.6)	ND(0.73)	ND(0.80)	ND(0.72)
Phenanthrene	55	0.88	ND(0.36)	0.32 J	ND(0.36)
Phenol	33000	0.25 J	ND(0.36)	ND(0.40)	ND(0.36)
Pronamide	4100	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Pyrene	1500	1.4	0.098 J	0.74	0.094 J
Pyridine	55	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Safrole	Not Listed	ND(0.80)	ND(0.36)	ND(0.40)	ND(0.36)
Thionazin	330	NA	ND(0.36)	ND(0.40)	ND(0.36)

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-8 Bottom Bank SLB-8-BB 0-0.5 02/23/95	PDI 19-9-1-SB-1 19-9-1-SB-1 0-1 06/18/03	PDI 19-9-1-SB-1 19-9-1-SB-1 3-5 06/18/03	PDI 19-9-1-SB-3 19-9-1-SB-3 0-1 06/17/03
Furans					
2,3,7,8-TCDF	Not Applicable	0.000037	ND(0.0000054) Y	0.0000090 YI	0.0000014 YI
TCDFs (total)	Not Applicable	0.000031 Y	0.0000023	0.000041	0.0000035
1,2,3,7,8-PeCDF	Not Applicable	0.000011	0.0000013	0.0000033	ND(0.00000099) X
2,3,4,7,8-PeCDF	Not Applicable	0.000013	0.0000012	0.0000032	0.0000092
PeCDFs (total)	Not Applicable	0.00026	0.000015	0.000028	0.0000083
1,2,3,4,7,8-HxCDF	Not Applicable	0.000012	0.0000061 I	0.000016 I	0.0000071
1,2,3,6,7,8-HxCDF	Not Applicable	ND(0.000020) I	ND(0.00000034)	0.0000030	0.0000059
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000047)	ND(0.0000044)	ND(0.0000052)	ND(0.0000019)
2,3,4,6,7,8-HxCDF	Not Applicable	0.000092	ND(0.0000061) X	0.0000022	0.0000068
HxCDFs (total)	Not Applicable	0.00020	0.000015	0.000044	0.000012
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000048	0.0000047	0.000015	0.0000048
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000060 J	ND(0.0000043)	0.000012	ND(0.0000015)
HpCDFs (total)	Not Applicable	0.00011	0.000010	0.000016	0.0000048
OCDF	Not Applicable	0.000076	0.0000085	0.000019	0.0000092
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000042)	ND(0.0000051)	ND(0.0000059)	ND(0.0000014)
TCDDs (total)	Not Applicable	0.000095	ND(0.0000051)	ND(0.0000059)	ND(0.0000014)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000016)	ND(0.0000012)	ND(0.0000012)	ND(0.0000036)
PeCDDs (total)	Not Applicable	ND(0.0000059)	ND(0.0000012)	ND(0.0000012)	ND(0.0000036)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000023)	ND(0.0000086)	ND(0.0000082)	ND(0.0000030)
1,2,3,6,7,8-HxCDD	Not Applicable	0.000057 J	ND(0.0000078)	ND(0.0000017) X	ND(0.0000028)
1,2,3,7,8,9-HxCDD	Not Applicable	0.000063 J	ND(0.0000078)	ND(0.0000020) X	ND(0.0000028)
HxCDDs (total)	Not Applicable	0.000041	ND(0.0000078)	ND(0.0000075)	0.0000038
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000097	0.0000093	ND(0.000010) X	0.000020
HpCDDs (total)	Not Applicable	0.00016	0.000021	0.0000085	0.000064
OCDD	Not Applicable	0.00076	0.000068	0.000068	0.00016
Total TEQs (WHO TEFs)	Not Applicable	0.000018	0.0000027	0.0000062	0.0000014
Inorganics					
Antimony	30	3.80 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	0.38	9.00	7.80	6.80	6.90
Barium	5200	243	30.0	160	21.0
Beryllium	150	0.350 B	0.0780 B	0.0600 B	0.130 B
Cadmium	37	3.70	ND(0.500)	0.410 B	ND(0.500)
Chromium	210	18.5	8.80	8.00	5.00
Cobalt	3300	8.20 B	9.50	4.10 B	6.30
Copper	2800	130	31.0	160	27.0
Cyanide	11	ND(6.10)	0.110	0.520	0.0810 B
Lead	400	500	57.0	180	44.0
Mercury	22	1.10	0.0750 B	0.480	0.0780 B
Nickel	1500	26.1	18.0	9.60	9.80
Selenium	370	3.70	ND(1.00)	1.00	1.30 J
Silver	370	0.890 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	350	805	ND(5.40)	7.60	ND(5.30)
Thallium	6	ND(1.00)	7.90 J	17.0 J	ND(1.10)
Tin	45000	17.6 B	ND(10.0)	ND(17.0)	4.70 J
Vanadium	520	32.5	8.70	11.0	4.40 B
Zinc	22000	569	69.0	240	48.0

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-3 19-9-1-SB-3 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 0-1 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 3-5 10/24/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,1,1-Trichloroethane		680	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,1,2-Trichloroethane		0.82	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,1-Dichloroethane		570	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,1-Dichloroethene		0.052	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,2,3-Trichloropropane		0.0014	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,2-Dibromoethane		0.0049	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,2-Dichloroethane		0.34	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,2-Dichloropropane		0.34	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
1,4-Dioxane		40	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA
2-Butanone		6900	ND(0.011)	ND(0.019)	ND(0.017)	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
2-Chloroethylvinylether		0.18	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
2-Hexanone		750	ND(0.011)	ND(0.019)	ND(0.017)	NA
3-Chloropropene		2700	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.019)	ND(0.017)	NA
Acetone		1400	ND(0.023)	ND(0.038)	ND(0.034)	NA
Acetonitrile		200	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA
Acrolein		0.1	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA
Acrylonitrile		0.19	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Benzene		0.62	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Bromodichloromethane		0.98	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Bromoform		56	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Bromomethane		3.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Carbon Disulfide		350	ND(0.0056) J	ND(0.0094) J	ND(0.0086) J	NA
Carbon Tetrachloride		0.23	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Chlorobenzene		54	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Chloroethane		1600	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Chloroform		0.24	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Chloromethane		1.2	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Dibromochloromethane		5.3	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Dibromomethane		550	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Dichlorodifluoromethane		94	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Ethylbenzene		230	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Iodomethane		1.2	ND(0.0056) J	ND(0.0094) J	ND(0.0086) J	NA
Isobutanol		10000	ND(0.11) J	ND(0.19) J	ND(0.17) J	NA
Methacrylonitrile		1.8	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Methyl Methacrylate		2200	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Methylene Chloride		8.5	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Propionitrile		200	ND(0.011)	ND(0.019)	ND(0.017)	NA
Styrene		1700	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Tetrachloroethene		4.7	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Toluene		520	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
trans-1,2-Dichloroethene		62	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Trichloroethene		2.7	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Trichlorofluoromethane		380	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Vinyl Acetate		420	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Vinyl Chloride		0.021	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA
Xylenes (total)		210	ND(0.0056)	ND(0.0094)	ND(0.0086)	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-3 I9-9-1-SB-3 1-3 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 0-1 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 1-3 06/17/03	PDI I9-9-1-SB-5 I9-9-1-SB-5 3-5 10/24/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,2,4-Trichlorobenzene	480	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,2-Dichlorobenzene	370	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,2-Diphenylhydrazine	0.56	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,3,5-Trinitrobenzene	1600	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
1,3-Dichlorobenzene	41	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,3-Dinitrobenzene	5.5	ND(0.76)	ND(1.3)	ND(1.1)	NA
1,4-Dichlorobenzene	3	ND(0.38)	ND(0.63)	ND(0.57)	NA
1,4-Naphthoquinone	55	ND(0.76)	ND(1.3)	ND(1.1)	NA
1-Naphthylamine	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA
2,3,4,6-Tetrachlorophenol	1600	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,4,5-Trichlorophenol	5500	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,4,6-Trichlorophenol	40	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,4-Dichlorophenol	160	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,4-Dimethylphenol	1100	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,4-Dinitrophenol	110	ND(1.9) J	ND(3.2) J	ND(2.9) J	NA
2,4-Dinitrotoluene	110	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,6-Dichlorophenol	160	ND(0.38)	ND(0.63)	ND(0.57)	NA
2,6-Dinitrotoluene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
2-Acetylaminofluorene	0.56	ND(0.76)	ND(1.3)	ND(1.1)	NA
2-Chloronaphthalene	3700	ND(0.38)	ND(0.63)	ND(0.57)	NA
2-Chlorophenol	59	ND(0.38)	ND(0.63)	ND(0.57)	NA
2-Methylnaphthalene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
2-Methylphenol	2700	ND(0.38)	ND(0.63)	ND(0.57)	NA
2-Naphthylamine	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA
2-Nitroaniline	3.3	ND(1.9)	ND(3.2)	ND(2.9)	NA
2-Nitrophenol	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA
2-Picoline	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
3&4-Methylphenol	270	ND(0.76)	ND(1.3)	ND(1.1)	NA
3,3'-Dichlorobenzidine	0.99	ND(0.76)	ND(1.3)	ND(1.1)	NA
3,3'-Dimethylbenzidine	0.048	ND(0.38)	ND(0.63)	ND(0.57)	NA
3-Methylcholanthrene	0.056	ND(0.76)	ND(1.3)	ND(1.1)	NA
3-Nitroaniline	5.5	ND(1.9)	ND(3.2)	ND(2.9)	NA
4,6-Dinitro-2-methylphenol	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
4-Aminobiphenyl	1400	ND(0.76)	ND(1.3)	ND(1.1)	NA
4-Bromophenyl-phenylether	160	ND(0.38)	ND(0.63)	ND(0.57)	NA
4-Chloro-3-Methylphenol	2700	ND(0.38)	ND(0.63)	ND(0.57)	NA
4-Chloroaniline	220	ND(0.38)	ND(0.63)	ND(0.57)	NA
4-Chlorobenzilate	1.6	ND(0.76)	ND(1.3)	ND(1.1)	NA
4-Chlorophenyl-phenylether	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
4-Nitroaniline	5.5	ND(1.9)	ND(3.2)	ND(2.9)	NA
4-Nitrophenol	3400	ND(1.9) J	ND(3.2) J	ND(2.9) J	NA
4-Nitroquinoline-1-oxide	110	ND(0.76)	ND(1.3)	ND(1.1)	NA
4-Phenylenediamine	10000	ND(0.76)	ND(1.3)	ND(1.1)	NA
5-Nitro-o-toluidine	13	ND(0.76)	ND(1.3)	ND(1.1)	NA
7,12-Dimethylbenz(a)anthracene	0.056	ND(0.76)	ND(1.3)	ND(1.1)	NA
a,a'-Dimethylphenethylamine	55	ND(0.76)	ND(1.3)	ND(1.1)	NA
Acenaphthene	2600	ND(0.38)	ND(0.63)	ND(0.57)	NA
Acenaphthylene	55	0.16 J	ND(0.63)	ND(0.57)	NA
Acetophenone	0.49	ND(0.38)	ND(0.63)	ND(0.57)	NA
Aniline	78	ND(0.38)	0.45 J	0.26 J	NA
Anthracene	14000	0.13 J	ND(0.63)	ND(0.57)	NA
Aramite	18	ND(0.76)	ND(1.3)	ND(1.1)	NA
Benzidine	0.0019	ND(0.76) J	ND(1.3) J	ND(1.1) J	NA
Benzo(a)anthracene	0.56	0.55	ND(0.63)	0.22 J	NA
Benzo(a)pyrene	0.056	0.68	ND(0.63)	ND(0.57)	NA
Benzo(b)fluoranthene	0.56	0.59	ND(0.63)	ND(0.57)	NA
Benzo(g,h,i)perylene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-3 19-9-1-SB-3 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 0-1 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 3-5 10/24/05
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	5.6	0.67	ND(0.63)	ND(0.57)	NA
Benzyl Alcohol	16000	ND(0.76)	ND(1.3)	ND(1.1)	NA
bis(2-Chloroethoxy)methane	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
bis(2-Chloroethyl)ether	0.18	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
bis(2-Chloroisopropyl)ether	2.5	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
bis(2-Ethylhexyl)phthalate	32	ND(0.37)	ND(0.62)	ND(0.56)	NA
Butylbenzylphthalate	930	ND(0.38)	ND(0.63)	ND(0.57)	NA
Chrysene	56	0.73	ND(0.63)	0.24 J	NA
Diallylate	7.3	ND(0.76)	ND(1.3)	ND(1.1)	NA
Dibenzo(a,h)anthracene	0.056	ND(0.38)	ND(0.63)	ND(0.57)	NA
Dibenzofuran	210	ND(0.38)	ND(0.63)	ND(0.57)	NA
Diethylphthalate	44000	ND(0.38)	ND(0.63)	ND(0.57)	NA
Dimethylphthalate	100000	ND(0.38)	ND(0.63)	ND(0.57)	NA
Di-n-Butylphthalate	5500	ND(0.38)	ND(0.63)	ND(0.57)	NA
Di-n-Octylphthalate	1100	ND(0.38)	ND(0.63)	ND(0.57)	NA
Dinoseb	55	NA	NA	NA	NA
Diphenylamine	1400	ND(0.38)	ND(0.63)	ND(0.57)	NA
Ethyl Methanesulfonate	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
Fluoranthene	2000	1.2	0.21 J	0.56 J	NA
Fluorene	1800	ND(0.38)	ND(0.63)	ND(0.57)	NA
Hexachlorobenzene	0.28	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
Hexachlorobutadiene	5.7	ND(0.38)	ND(0.63)	ND(0.57)	NA
Hexachlorocyclopentadiene	380	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
Hexachloroethane	32	ND(0.38)	ND(0.63)	ND(0.57)	NA
Hexachlorophene	16	ND(0.76) J	ND(1.3) J	ND(1.1) J	NA
Hexachloropropene	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
Indeno(1,2,3-cd)pyrene	0.56	0.41	ND(0.63)	ND(0.57)	NA
Isodrin	Not Listed	ND(0.38) J	ND(0.63) J	ND(0.57) J	NA
Isophorone	470	ND(0.38)	ND(0.63)	ND(0.57)	NA
Isosafrole	Not Listed	ND(0.76)	ND(1.3)	ND(1.1)	NA
Methapyrilene	55	ND(0.76)	ND(1.3)	ND(1.1)	NA
Methyl Methanesulfonate	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
Naphthalene	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
Nitrobenzene	16	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosodiethylamine	0.003	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosodimethylamine	0.0087	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitroso-di-n-butylamine	0.022	ND(0.76)	ND(1.3)	ND(1.1)	NA
N-Nitroso-di-n-propylamine	0.063	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosodiphenylamine	91	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosomethylethylamine	0.02	ND(0.76)	ND(1.3)	ND(1.1)	NA
N-Nitrosomorpholine	0.21	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosopiperidine	0.21	ND(0.38)	ND(0.63)	ND(0.57)	NA
N-Nitrosopyrrolidine	0.21	ND(0.76)	ND(1.3)	ND(1.1)	NA
o,o,o-Triethylphosphorothioate	11	ND(0.38)	ND(0.63)	ND(0.57)	NA
o-Toluidine	1.9	ND(0.38)	ND(0.63)	ND(0.57)	NA
p-Dimethylaminoazobenzene	0.99	ND(0.76)	ND(1.3)	ND(1.1)	NA
Pentachlorobenzene	44	ND(0.38)	ND(0.63)	ND(0.57)	NA
Pentachloroethane	2.8	ND(0.38)	ND(0.63)	ND(0.57)	NA
Pentachloronitrobenzene	1.7	ND(0.76)	ND(1.3)	ND(1.1)	NA
Pentachlorophenol	2.5	ND(1.9)	ND(3.2)	ND(2.9)	NA
Phenacetin	640	ND(0.76)	ND(1.3)	ND(1.1)	NA
Phenanthrene	55	0.44	ND(0.63)	0.38 J	NA
Phenol	33000	ND(0.38)	0.16 J	ND(0.57)	NA
Pronamide	4100	ND(0.38)	ND(0.63)	ND(0.57)	NA
Pyrene	1500	1.3	0.18 J	0.55 J	NA
Pyridine	55	ND(0.38)	ND(0.63)	ND(0.57)	NA
Safrole	Not Listed	ND(0.38)	ND(0.63)	ND(0.57)	NA
Thionazin	330	ND(0.38)	ND(0.63)	ND(0.57)	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-3 19-9-1-SB-3 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 0-1 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 1-3 06/17/03	PDI 19-9-1-SB-5 19-9-1-SB-5 3-5 10/24/05
Furans					
2,3,7,8-TCDF	Not Applicable	0.000012 Y1	0.00014 Y	ND(0.0000034) Y	NA
TCDFs (total)	Not Applicable	0.000085	0.00026	0.00026	NA
1,2,3,7,8-PeCDF	Not Applicable	0.0000050 I	0.000083	0.000033	NA
2,3,4,7,8-PeCDF	Not Applicable	0.0000057	0.000047	0.000026	NA
PeCDFs (total)	Not Applicable	0.000083	0.00045	0.00012	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000038 I	0.00035 I	0.00017 I	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.0000034	0.000043	0.000024	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000027)	ND(0.000015) X	0.000011	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000036	0.000011	0.0000057	NA
HxCDFs (total)	Not Applicable	0.00010	0.00073	0.00038	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000026	0.000071	0.000042	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.0000020	0.000043	0.000024	NA
HpCDFs (total)	Not Applicable	0.000028	0.00011	0.000066	NA
OCDF	Not Applicable	0.000031	0.000056	0.000028	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000015) X	ND(0.0000019)	ND(0.0000011)	NA
TCDDs (total)	Not Applicable	0.000019	0.000011	0.0000055	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000047)	ND(0.0000023)	ND(0.0000065)	NA
PeCDDs (total)	Not Applicable	ND(0.0000047)	ND(0.0000023)	ND(0.0000065)	NA
1,2,3,4,7,8-HxCDD	Not Applicable	0.00000095	ND(0.0000025)	ND(0.0000018)	NA
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000023	ND(0.0000022)	0.0000048	NA
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000022	ND(0.0000022)	ND(0.0000016)	NA
HxCDDs (total)	Not Applicable	0.0000054	ND(0.0000022)	0.0000048	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000042	0.000039	0.000025	NA
HpCDDs (total)	Not Applicable	0.000082	0.000078	0.000055	NA
OCDD	Not Applicable	0.00035	0.00016	0.00016	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000011	0.000097	0.000041	NA
Inorganics					
Antimony	30	4.30 B	5.60 B	27.0	NA
Arsenic	0.38	8.80	12.0	16.0	NA
Barium	5200	85.0	630	290	NA
Beryllium	150	0.190 B	0.280 B	0.220 B	NA
Cadmium	37	0.400 B	7.10	2.70	NA
Chromium	210	7.20	34.0	50.0	NA
Cobalt	3300	6.20	5.60	9.80	NA
Copper	2800	70.0	230	260	NA
Cyanide	11	0.230	1.00	1.30	NA
Lead	400	320	2000	1800	16000
Mercury	22	0.510	1.80	0.560	NA
Nickel	1500	11.0	36.0	77.0	NA
Selenium	370	ND(1.00) J	3.40 J	3.80 J	NA
Silver	370	0.160 B	1.20 B	2.30	NA
Sulfide	350	ND(5.60)	1300	1900	74.0
Thallium	6	ND(1.10)	1.50 B	3.10	NA
Tin	45000	24.0	830	410	NA
Vanadium	520	9.70	16.0	13.0	NA
Zinc	22000	180	1400	1300	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI
	Location ID: Sample ID: Sample Depth(Feet): Date Collected:		19-9-1-SB-5 19-9-1-SB-5 5-7 06/06/06	19-9-1-SB-5 19-9-1-SB-5 7-9 06/06/06	19-9-1-SB-5-N 19-9-1-SB-5-N 1-3 10/24/05	19-9-1-SB-5-N 19-9-1-SB-5-N 3-5 06/06/06	19-9-1-SB-5-N 19-9-1-SB-5-N 5-7 06/06/06
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA	NA
3-Chloropropane		2700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-5 19-9-1-SB-5 5-7 06/06/06	PDI 19-9-1-SB-5 19-9-1-SB-5 7-9 06/06/06	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 1-3 10/24/05	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 3-5 06/06/06	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 5-7 06/06/06
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI	PDI
			19-9-1-SB-5 19-9-1-SB-5 5-7 06/06/06	19-9-1-SB-5 19-9-1-SB-5 7-9 06/06/06	19-9-1-SB-5-N 19-9-1-SB-5-N 1-3 10/24/05	19-9-1-SB-5-N 19-9-1-SB-5-N 3-5 06/06/06	19-9-1-SB-5-N 19-9-1-SB-5-N 5-7 06/06/06
Semivolatile Organics (continued)							
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA	NA
Dinoseb		55	NA	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-5 19-9-1-SB-5 5-7 06/06/06	PDI 19-9-1-SB-5 19-9-1-SB-5 7-9 06/06/06	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 1-3 10/24/05	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 3-5 06/06/06	PDI 19-9-1-SB-5-N 19-9-1-SB-5-N 5-7 06/06/06
Furans							
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA	NA	NA
Inorganics							
Antimony		30	NA	NA	NA	NA	NA
Arsenic		0.38	NA	NA	NA	NA	NA
Barium		5200	NA	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA	NA
Lead		400	2460	32.4	1600	2110	494
Mercury		22	NA	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 1-3 10/24/05	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 5-7 06/06/06	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 7-9 06/06/06	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 9-11 06/06/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 1-3 10/24/05	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 5-7 06/06/06	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 7-9 06/06/06	PDI 19-9-1-SB-5-S 19-9-1-SB-5-S 9-11 06/06/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrilene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 1-3 10/24/05	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 5-7 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 7-9 06/06/06	PDI I9-9-1-SB-5-S I9-9-1-SB-5-S 9-11 06/06/06
Furans						
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA	NA
Inorganics						
Antimony		30	NA	NA	NA	NA
Arsenic		0.38	NA	NA	7.82 J	NA
Barium		5200	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA
Lead		400	1200	790	584	5.07 J
Mercury		22	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI I9-9-1-SB-6 I9-9-1-SB-6 5-7 03/08/05	PDI I9-9-1-SB-6 I9-9-1-SB-6 7-9 03/08/05	PDI I9-9-1-SB-6 I9-9-1-SB-6 9-11 06/06/06	PDI I9-9-1-SB-6-S I9-9-1-SB-6-S 1-3 06/06/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0062)	ND(0.010)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0062)	ND(0.010)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0062)	ND(0.010)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0062)	ND(0.010)	NA	NA
1,1-Dichloroethane		570	ND(0.0062)	ND(0.010)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0062)	ND(0.010)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0062)	ND(0.010)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0062)	ND(0.010)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0062)	ND(0.010)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0062)	ND(0.010)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0062)	ND(0.010)	NA	NA
1,4-Dioxane		40	ND(0.12)	ND(0.20)	NA	NA
2-Butanone		6900	ND(0.12)	0.029	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0062)	ND(0.010)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0062)	ND(0.010)	NA	NA
2-Hexanone		750	ND(0.12)	ND(0.020)	NA	NA
3-Chloropropene		2700	ND(0.0062)	ND(0.010)	NA	NA
4-Methyl-2-pentanone		750	ND(0.12)	ND(0.020)	NA	NA
Acetone		1400	0.0071 J	0.16	NA	NA
Acetonitrile		200	ND(0.12)	ND(0.20)	NA	NA
Acrolein		0.1	ND(0.12)	ND(0.20)	NA	NA
Acrylonitrile		0.19	ND(0.0062)	ND(0.010)	NA	NA
Benzene		0.62	ND(0.0062)	ND(0.010)	NA	NA
Bromodichloromethane		0.98	ND(0.0062)	ND(0.010)	NA	NA
Bromoform		56	ND(0.0062)	ND(0.010)	NA	NA
Bromomethane		3.8	ND(0.0062)	ND(0.010)	NA	NA
Carbon Disulfide		350	ND(0.0062)	ND(0.010)	NA	NA
Carbon Tetrachloride		0.23	ND(0.0062)	ND(0.010)	NA	NA
Chlorobenzene		54	ND(0.0062)	ND(0.010)	NA	NA
Chloroethane		1600	ND(0.0062)	ND(0.010)	NA	NA
Chloroform		0.24	ND(0.0062)	ND(0.010)	NA	NA
Chloromethane		1.2	ND(0.0062)	ND(0.010)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.010)	NA	NA
Dibromochloromethane		5.3	ND(0.0062)	ND(0.010)	NA	NA
Dibromomethane		550	ND(0.0062)	ND(0.010)	NA	NA
Dichlorodifluoromethane		94	ND(0.0062)	ND(0.010)	NA	NA
Ethyl Methacrylate		140	ND(0.0062)	ND(0.010)	NA	NA
Ethylbenzene		230	ND(0.0062)	ND(0.010)	NA	NA
Iodomethane		1.2	ND(0.0062)	ND(0.010)	NA	NA
Isobutanol		10000	0.23	ND(0.20)	NA	NA
Methacrylonitrile		1.8	ND(0.0062)	ND(0.010)	NA	NA
Methyl Methacrylate		2200	ND(0.0062)	ND(0.010)	NA	NA
Methylene Chloride		8.5	ND(0.0062)	ND(0.010)	NA	NA
Propionitrile		200	ND(0.12)	ND(0.020)	NA	NA
Styrene		1700	ND(0.0062)	ND(0.010)	NA	NA
Tetrachloroethene		4.7	ND(0.0062)	ND(0.010)	NA	NA
Toluene		520	0.0031 J	ND(0.010)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0062)	ND(0.010)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.010)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0062)	ND(0.010)	NA	NA
Trichloroethene		2.7	ND(0.0062)	ND(0.010)	NA	NA
Trichlorofluoromethane		380	ND(0.0062)	ND(0.010)	NA	NA
Vinyl Acetate		420	ND(0.0062)	ND(0.010)	NA	NA
Vinyl Chloride		0.021	ND(0.0062)	ND(0.010)	NA	NA
Xylenes (total)		210	ND(0.0062)	ND(0.010)	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			I9-9-1-SB-6 I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 7-9 03/08/05	I9-9-1-SB-6 I9-9-1-SB-6 9-11 06/06/06	I9-9-1-SB-6-S I9-9-1-SB-6-S 1-3 06/06/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.41)	ND(0.67)	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.41)	ND(0.67)	NA	NA
1,2-Dichlorobenzene		370	ND(0.41)	ND(0.67)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.41)	ND(0.67)	NA	NA
1,3,5-Trinitrobenzene		1600	ND(0.41)	ND(0.67)	NA	NA
1,3-Dichlorobenzene		41	ND(0.41)	ND(0.67)	NA	NA
1,3-Dinitrobenzene		5.5	ND(0.83)	ND(1.3)	NA	NA
1,4-Dichlorobenzene		3	ND(0.41)	ND(0.67)	NA	NA
1,4-Naphthoquinone		55	ND(0.83)	ND(1.3)	NA	NA
1-Naphthylamine		Not Listed	ND(0.83)	ND(1.3)	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(0.41)	ND(0.67)	NA	NA
2,4,5-Trichlorophenol		5500	ND(0.41)	ND(0.67)	NA	NA
2,4,6-Trichlorophenol		40	ND(0.41)	ND(0.67)	NA	NA
2,4-Dichlorophenol		160	ND(0.41)	ND(0.67)	NA	NA
2,4-Dimethylphenol		1100	ND(0.41)	ND(0.67)	NA	NA
2,4-Dinitrophenol		110	ND(2.1)	ND(3.4)	NA	NA
2,4-Dinitrotoluene		110	ND(0.41)	ND(0.67)	NA	NA
2,6-Dichlorophenol		160	ND(0.41)	ND(0.67)	NA	NA
2,6-Dinitrotoluene		55	ND(0.41)	ND(0.67)	NA	NA
2-Acetylaminofluorene		0.56	ND(0.83)	ND(1.3)	NA	NA
2-Chloronaphthalene		3700	ND(0.41)	ND(0.67)	NA	NA
2-Chlorophenol		59	ND(0.41)	ND(0.67)	NA	NA
2-Methylnaphthalene		55	ND(0.41)	ND(0.67)	NA	NA
2-Methylphenol		2700	ND(0.41)	ND(0.67)	NA	NA
2-Naphthylamine		Not Listed	ND(0.83)	ND(1.3)	NA	NA
2-Nitroaniline		3.3	ND(2.1)	ND(3.4)	NA	NA
2-Nitrophenol		Not Listed	ND(0.83)	ND(1.3)	NA	NA
2-Picoline		55	ND(0.41)	ND(0.67)	NA	NA
3&4-Methylphenol		270	ND(0.83)	ND(1.3)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(0.83)	ND(1.3)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.41)	ND(0.67)	NA	NA
3-Methylcholanthrene		0.056	ND(0.83)	ND(1.3)	NA	NA
3-Nitroaniline		5.5	ND(2.1)	ND(3.4)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.41)	ND(0.67)	NA	NA
4-Aminobiphenyl		1400	ND(0.83)	ND(1.3)	NA	NA
4-Bromophenyl-phenylether		160	ND(0.41)	ND(0.67)	NA	NA
4-Chloro-3-Methylphenol		2700	ND(0.41)	ND(0.67)	NA	NA
4-Chloroaniline		220	ND(0.41)	ND(0.67)	NA	NA
4-Chlorobenzilate		1.6	ND(0.83)	ND(1.3)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.41)	ND(0.67)	NA	NA
4-Nitroaniline		5.5	ND(2.1)	ND(3.4)	NA	NA
4-Nitrophenol		3400	ND(2.1)	ND(3.4)	NA	NA
4-Nitroquinoline-1-oxide		110	ND(0.83)	ND(1.3)	NA	NA
4-Phenylenediamine		10000	ND(0.83)	ND(1.3)	NA	NA
5-Nitro-o-toluidine		13	ND(0.83)	ND(1.3)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.83)	ND(1.3)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(0.83)	ND(1.3)	NA	NA
Acenaphthene		2600	ND(0.41)	ND(0.67)	NA	NA
Acenaphthylene		55	0.10 J	0.067 J	NA	NA
Acetophenone		0.49	ND(0.41)	ND(0.67)	NA	NA
Aniline		78	ND(0.41)	ND(0.67)	NA	NA
Anthracene		14000	0.072 J	0.064 J	NA	NA
Aramite		18	ND(0.83)	ND(1.3)	NA	NA
Benzidine		0.0019	ND(0.83)	ND(1.3)	NA	NA
Benzo(a)anthracene		0.56	0.31 J	0.24 J	NA	NA
Benzo(a)pyrene		0.056	0.40 J	0.26 J	NA	NA
Benzo(b)fluoranthene		0.56	0.33 J	0.24 J	NA	NA
Benzo(g,h,i)perylene		55	0.28 J	0.15 J	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6 19-9-1-SB-6 5-7 03/08/05	PDI 19-9-1-SB-6 19-9-1-SB-6 7-9 03/08/05	PDI 19-9-1-SB-6 19-9-1-SB-6 9-11 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 1-3 06/06/06
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	0.39 J	0.27 J	NA	NA
Benzyl Alcohol		16000	ND(0.83)	ND(1.3)	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.41)	ND(0.67)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.41)	ND(0.67)	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.41)	ND(0.67)	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.41)	ND(0.66)	NA	NA
Butylbenzylphthalate		930	ND(0.41)	ND(0.67)	NA	NA
Chrysene		56	0.38 J	0.28 J	NA	NA
Diallate		7.3	ND(0.83)	ND(1.3)	NA	NA
Dibenzo(a,h)anthracene		0.056	0.046 J	ND(0.67)	NA	NA
Dibenzofuran		210	ND(0.41)	ND(0.67)	NA	NA
Diethylphthalate		44000	ND(0.41)	ND(0.67)	NA	NA
Dimethylphthalate		100000	ND(0.41)	ND(0.67)	NA	NA
Di-n-Butylphthalate		5500	ND(0.41)	ND(0.67)	NA	NA
Di-n-Octylphthalate		1100	ND(0.41)	ND(0.67)	NA	NA
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1400	ND(0.41)	ND(0.67)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.67)	NA	NA
Fluoranthene		2000	0.56	0.52 J	NA	NA
Fluorene		1800	ND(0.41)	ND(0.67)	NA	NA
Hexachlorobenzene		0.28	ND(0.41)	ND(0.67)	NA	NA
Hexachlorobutadiene		5.7	ND(0.41)	ND(0.67)	NA	NA
Hexachlorocyclopentadiene		380	ND(0.41)	ND(0.67)	NA	NA
Hexachloroethane		32	ND(0.41)	ND(0.67)	NA	NA
Hexachlorophene		16	ND(0.83)	ND(1.3)	NA	NA
Hexachloropropene		Not Listed	ND(0.41)	ND(0.67)	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.18 J	0.10 J	NA	NA
Isodrin		Not Listed	ND(0.41)	ND(0.67)	NA	NA
Isophorone		470	ND(0.41)	ND(0.67)	NA	NA
Isosafrole		Not Listed	ND(0.83)	ND(1.3)	NA	NA
Methapyrilene		55	ND(0.83)	ND(1.3)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.67)	NA	NA
Naphthalene		55	0.049 J	ND(0.67)	NA	NA
Nitrobenzene		16	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.41)	ND(0.67)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.83)	ND(1.3)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosodiphenylamine		91	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(0.83)	ND(1.3)	NA	NA
N-Nitrosomorpholine		0.21	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosopiperidine		0.21	ND(0.41)	ND(0.67)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(0.83)	ND(1.3)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.41)	ND(0.67)	NA	NA
o-Toluidine		1.9	ND(0.41)	ND(0.67)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(0.83)	ND(1.3)	NA	NA
Pentachlorobenzene		44	ND(0.41)	ND(0.67)	NA	NA
Pentachloroethane		2.8	ND(0.41)	ND(0.67)	NA	NA
Pentachloronitrobenzene		1.7	ND(0.83)	ND(1.3)	NA	NA
Pentachlorophenol		2.5	ND(2.1)	ND(3.4)	NA	NA
Phenacetin		640	ND(0.83)	ND(1.3)	NA	NA
Phenanthrene		55	0.29 J	0.30 J	NA	NA
Phenol		33000	ND(0.41)	ND(0.67)	NA	NA
Pronamide		4100	ND(0.41)	ND(0.67)	NA	NA
Pyrene		1500	0.66	0.54 J	NA	NA
Pyridine		55	ND(0.41)	ND(0.67)	NA	NA
Safrole		Not Listed	ND(0.41)	ND(0.67)	NA	NA
Thionazin		330	ND(0.41)	ND(0.67)	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6 19-9-1-SB-6 5-7 03/08/05	PDI 19-9-1-SB-6 19-9-1-SB-6 7-9 03/08/05	PDI 19-9-1-SB-6 19-9-1-SB-6 9-11 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 1-3 06/06/06
Furans					
2,3,7,8-TCDF	Not Applicable	0.000035 Y	0.000032 Y	NA	NA
TCDFs (total)	Not Applicable	0.00029	0.000066	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	0.000013	ND(0.0000025)	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	0.000016	ND(0.0000039)	NA	NA
PeCDFs (total)	Not Applicable	0.00018	0.000015	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	0.000017	ND(0.0000033)	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	0.000012	ND(0.0000031)	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000031)	ND(0.0000020)	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	0.000011	ND(0.0000028)	NA	NA
HxCDFs (total)	Not Applicable	0.00013	0.000066	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000044	0.000082 J	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	0.000035 J	ND(0.0000077)	NA	NA
HpCDFs (total)	Not Applicable	0.000075	0.000082	NA	NA
OCDF	Not Applicable	0.000030	ND(0.0000033)	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	0.0000067 J	ND(0.0000026)	NA	NA
TCDDs (total)	Not Applicable	0.000013	0.000055	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000014)	ND(0.0000089)	NA	NA
PeCDDs (total)	Not Applicable	ND(0.0000049)	ND(0.0000028)	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000010)	ND(0.0000058)	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000028)	ND(0.0000077)	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000030)	ND(0.0000015)	NA	NA
HxCDDs (total)	Not Applicable	0.000021	0.000063	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000025	ND(0.0000033)	NA	NA
HpCDDs (total)	Not Applicable	0.000048	ND(0.0000033)	NA	NA
OCDD	Not Applicable	0.00018	ND(0.0000088)	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	0.000019	0.000026	NA	NA
Inorganics					
Antimony	30	2.80 B	5.50 B	NA	NA
Arsenic	0.38	16.0	59.0	5.10 J	NA
Barium	5200	190	960	NA	NA
Beryllium	150	0.550	0.320 B	NA	NA
Cadmium	37	1.30	3.50	NA	NA
Chromium	210	19.0	120	NA	NA
Cobalt	3300	7.90	16.0	NA	NA
Copper	2800	100	210	NA	NA
Cyanide	11	0.760	1.80	NA	NA
Lead	400	640	8000	6.01 J	703
Mercury	22	0.380	5.30	NA	NA
Nickel	1500	20.0	37.0	NA	NA
Selenium	370	2.30	17.0	NA	NA
Silver	370	0.410 B	1.10 B	NA	NA
Sulfide	350	18.0	6000	NA	NA
Thallium	6	ND(1.20)	8.00	NA	NA
Tin	45000	34.0	5100	NA	NA
Vanadium	520	23.0	31.0	NA	NA
Zinc	22000	520	3400	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 3-5 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 5-7 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 7-9 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 9-11 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 1-3 06/06/06
Volatile Organics						
1,1,1,2-Tetrachloroethane	2.8	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	680	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.36	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.82	NA	NA	NA	NA	NA
1,1-Dichloroethane	570	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.052	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.0014	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.32	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.0049	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.34	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.34	NA	NA	NA	NA	NA
1,4-Dioxane	40	NA	NA	NA	NA	NA
2-Butanone	6900	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	3.6	NA	NA	NA	NA	NA
2-Chloroethylvinylether	0.18	NA	NA	NA	NA	NA
2-Hexanone	750	NA	NA	NA	NA	NA
3-Chloropropene	2700	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	750	NA	NA	NA	NA	NA
Acetone	1400	NA	NA	NA	NA	NA
Acetonitrile	200	NA	NA	NA	NA	NA
Acrolein	0.1	NA	NA	NA	NA	NA
Acrylonitrile	0.19	NA	NA	NA	NA	NA
Benzene	0.62	NA	NA	NA	NA	NA
Bromodichloromethane	0.98	NA	NA	NA	NA	NA
Bromoform	56	NA	NA	NA	NA	NA
Bromomethane	3.8	NA	NA	NA	NA	NA
Carbon Disulfide	350	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.23	NA	NA	NA	NA	NA
Chlorobenzene	54	NA	NA	NA	NA	NA
Chloroethane	1600	NA	NA	NA	NA	NA
Chloroform	0.24	NA	NA	NA	NA	NA
Chloromethane	1.2	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
Dibromochloromethane	5.3	NA	NA	NA	NA	NA
Dibromomethane	550	NA	NA	NA	NA	NA
Dichlorodifluoromethane	94	NA	NA	NA	NA	NA
Ethyl Methacrylate	140	NA	NA	NA	NA	NA
Ethylbenzene	230	NA	NA	NA	NA	NA
Iodomethane	1.2	NA	NA	NA	NA	NA
Isobutanol	10000	NA	NA	NA	NA	NA
Methacrylonitrile	1.8	NA	NA	NA	NA	NA
Methyl Methacrylate	2200	NA	NA	NA	NA	NA
Methylene Chloride	8.5	NA	NA	NA	NA	NA
Propionitrile	200	NA	NA	NA	NA	NA
Styrene	1700	NA	NA	NA	NA	NA
Tetrachloroethene	4.7	NA	NA	NA	NA	NA
Toluene	520	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	62	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	Not Listed	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	NA	NA	NA	NA	NA
Trichloroethene	2.7	NA	NA	NA	NA	NA
Trichlorofluoromethane	380	NA	NA	NA	NA	NA
Vinyl Acetate	420	NA	NA	NA	NA	NA
Vinyl Chloride	0.021	NA	NA	NA	NA	NA
Xylenes (total)	210	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 3-5 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 5-7 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 7-9 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 9-11 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 1-3 06/06/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1600	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1600	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	5500	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1100	NA	NA	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA	NA	NA
2-Chloronaphthalene	3700	NA	NA	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA	NA	NA
2-Methylphenol	2700	NA	NA	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA	NA	NA
2-Picoline	55	NA	NA	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA	NA	NA
4-Aminobiphenyl	1400	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	2700	NA	NA	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA	NA	NA
4-Nitrophenol	3400	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA	NA	NA
4-Phenylenediamine	10000	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA	NA	NA
Acenaphthene	2600	NA	NA	NA	NA	NA
Acenaphthylene	55	NA	NA	NA	NA	NA
Acetophenone	0.49	NA	NA	NA	NA	NA
Aniline	78	NA	NA	NA	NA	NA
Anthracene	14000	NA	NA	NA	NA	NA
Aramite	18	NA	NA	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 3-5 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 5-7 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 7-9 06/06/06	PDI 19-9-1-SB-6-S 19-9-1-SB-6-S 9-11 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 1-3 06/06/06
Semivolatile Organics (continued)						
Benzo(k)fluoranthene	5.6	NA	NA	NA	NA	NA
Benzyl Alcohol	16000	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA	NA
Diethylphthalate	44000	NA	NA	NA	NA	NA
Dimethylphthalate	100000	NA	NA	NA	NA	NA
Di-n-Butylphthalate	5500	NA	NA	NA	NA	NA
Di-n-Octylphthalate	1100	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA
Diphenylamine	1400	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Fluoranthene	2000	NA	NA	NA	NA	NA
Fluorene	1800	NA	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA	NA
Phenol	33000	NA	NA	NA	NA	NA
Pronamide	4100	NA	NA	NA	NA	NA
Pyrene	1500	NA	NA	NA	NA	NA
Pyridine	55	NA	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI	PDI	PDI
Location ID:	Region 9	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-SS
Sample ID:	Residential	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-S	19-9-1-SB-6-SS
Sample Depth(Feet):	PRGs	3-5	5-7	7-9	9-11	1-3
Date Collected:		06/06/06	06/06/06	06/06/06	06/06/06	06/06/06
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA
Inorganics						
Antimony	30	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	10.9 J	NA	NA
Barium	5200	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA
Cobalt	3300	NA	NA	NA	NA	NA
Copper	2800	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA
Lead	400	1190	1020	268	12.4	22700
Mercury	22	NA	NA	NA	NA	NA
Nickel	1500	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA
Tin	45000	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA
Zinc	22000	NA	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 3-5 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 5-7 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 7-9 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 9-11 06/06/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI	PDI
Location ID:	Region 9	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS
Sample ID:	Residential	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS
Sample Depth(Feet):	PRGs	3-5	5-7	7-9	9-11
Parameter	Date Collected:	06/06/06	06/06/06	06/06/06	06/06/06
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	16	NA	NA	NA	NA
1,2,4-Trichlorobenzene	480	NA	NA	NA	NA
1,2-Dichlorobenzene	370	NA	NA	NA	NA
1,2-Diphenylhydrazine	0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene	1600	NA	NA	NA	NA
1,3-Dichlorobenzene	41	NA	NA	NA	NA
1,3-Dinitrobenzene	5.5	NA	NA	NA	NA
1,4-Dichlorobenzene	3	NA	NA	NA	NA
1,4-Naphthoquinone	55	NA	NA	NA	NA
1-Naphthylamine	Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	1600	NA	NA	NA	NA
2,4,5-Trichlorophenol	5500	NA	NA	NA	NA
2,4,6-Trichlorophenol	40	NA	NA	NA	NA
2,4-Dichlorophenol	160	NA	NA	NA	NA
2,4-Dimethylphenol	1100	NA	NA	NA	NA
2,4-Dinitrophenol	110	NA	NA	NA	NA
2,4-Dinitrotoluene	110	NA	NA	NA	NA
2,6-Dichlorophenol	160	NA	NA	NA	NA
2,6-Dinitrotoluene	55	NA	NA	NA	NA
2-Acetylaminofluorene	0.56	NA	NA	NA	NA
2-Chloronaphthalene	3700	NA	NA	NA	NA
2-Chlorophenol	59	NA	NA	NA	NA
2-Methylnaphthalene	55	NA	NA	NA	NA
2-Methylphenol	2700	NA	NA	NA	NA
2-Naphthylamine	Not Listed	NA	NA	NA	NA
2-Nitroaniline	3.3	NA	NA	NA	NA
2-Nitrophenol	Not Listed	NA	NA	NA	NA
2-Picoline	55	NA	NA	NA	NA
3&4-Methylphenol	270	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine	0.048	NA	NA	NA	NA
3-Methylcholanthrene	0.056	NA	NA	NA	NA
3-Nitroaniline	5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	55	NA	NA	NA	NA
4-Aminobiphenyl	1400	NA	NA	NA	NA
4-Bromophenyl-phenylether	160	NA	NA	NA	NA
4-Chloro-3-Methylphenol	2700	NA	NA	NA	NA
4-Chloroaniline	220	NA	NA	NA	NA
4-Chlorobenzilate	1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether	Not Listed	NA	NA	NA	NA
4-Nitroaniline	5.5	NA	NA	NA	NA
4-Nitrophenol	3400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	110	NA	NA	NA	NA
4-Phenylenediamine	10000	NA	NA	NA	NA
5-Nitro-o-toluidine	13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	55	NA	NA	NA	NA
Acenaphthene	2600	NA	NA	NA	NA
Acenaphthylene	55	NA	NA	NA	NA
Acetophenone	0.49	NA	NA	NA	NA
Aniline	78	NA	NA	NA	NA
Anthracene	14000	NA	NA	NA	NA
Aramite	18	NA	NA	NA	NA
Benzidine	0.0019	NA	NA	NA	NA
Benzo(a)anthracene	0.56	NA	NA	NA	NA
Benzo(a)pyrene	0.056	NA	NA	NA	NA
Benzo(b)fluoranthene	0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene	55	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 3-5 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 5-7 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 7-9 06/06/06	PDI 19-9-1-SB-6-SS 19-9-1-SB-6-SS 9-11 06/06/06
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	5.6	NA	NA	NA	NA
Benzyl Alcohol	16000	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether	0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	32	NA	NA	NA	NA
Butylbenzylphthalate	930	NA	NA	NA	NA
Chrysene	56	NA	NA	NA	NA
Diallate	7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.056	NA	NA	NA	NA
Dibenzofuran	210	NA	NA	NA	NA
Diethylphthalate	44000	NA	NA	NA	NA
Dimethylphthalate	100000	NA	NA	NA	NA
Di-n-Butylphthalate	5500	NA	NA	NA	NA
Di-n-Octylphthalate	1100	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA
Diphenylamine	1400	NA	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	NA	NA	NA	NA
Fluoranthene	2000	NA	NA	NA	NA
Fluorene	1800	NA	NA	NA	NA
Hexachlorobenzene	0.28	NA	NA	NA	NA
Hexachlorobutadiene	5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene	380	NA	NA	NA	NA
Hexachloroethane	32	NA	NA	NA	NA
Hexachlorophene	16	NA	NA	NA	NA
Hexachloropropene	Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.56	NA	NA	NA	NA
Isodrin	Not Listed	NA	NA	NA	NA
Isophorone	470	NA	NA	NA	NA
Isosafrole	Not Listed	NA	NA	NA	NA
Methapyrilene	55	NA	NA	NA	NA
Methyl Methanesulfonate	Not Listed	NA	NA	NA	NA
Naphthalene	55	NA	NA	NA	NA
Nitrobenzene	16	NA	NA	NA	NA
N-Nitrosodiethylamine	0.003	NA	NA	NA	NA
N-Nitrosodimethylamine	0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine	91	NA	NA	NA	NA
N-Nitrosomethylethylamine	0.02	NA	NA	NA	NA
N-Nitrosomorpholine	0.21	NA	NA	NA	NA
N-Nitrosopiperidine	0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine	0.21	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	11	NA	NA	NA	NA
o-Toluidine	1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene	0.99	NA	NA	NA	NA
Pentachlorobenzene	44	NA	NA	NA	NA
Pentachloroethane	2.8	NA	NA	NA	NA
Pentachloronitrobenzene	1.7	NA	NA	NA	NA
Pentachlorophenol	2.5	NA	NA	NA	NA
Phenacetin	640	NA	NA	NA	NA
Phenanthrene	55	NA	NA	NA	NA
Phenol	33000	NA	NA	NA	NA
Pronamide	4100	NA	NA	NA	NA
Pyrene	1500	NA	NA	NA	NA
Pyridine	55	NA	NA	NA	NA
Safrole	Not Listed	NA	NA	NA	NA
Thionazin	330	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Data Type:	EPA	PDI	PDI	PDI	PDI
Location ID:	Region 9	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS
Sample ID:	Residential	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS	19-9-1-SB-6-SS
Sample Depth(Feet):	PRGs	3-5	5-7	7-9	9-11
Date Collected:		06/06/06	06/06/06	06/06/06	06/06/06
Parameter					
Furans					
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA
Inorganics					
Antimony	30	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA
Barium	5200	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA
Cobalt	3300	NA	NA	NA	NA
Copper	2800	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA
Lead	400	1000	1.32 J	42.2	64.8
Mercury	22	NA	NA	NA	NA
Nickel	1500	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA
Tin	45000	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA
Zinc	22000	NA	NA	NA	NA

**TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Shaded data indicates results from samples collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for these samples were considered in the screening table (Table E-2), but are not included in the subsequent evaluation tables (Tables E-4 and E-6). This was a conservative approach because the constituent concentrations in the samples collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

**TABLE E-2
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL I9-9-1 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.029	6,900	No
Acetone	0.16	1,400	No
Isobutanol	0.23	10,000	No
Toluene	0.0031	520	No
Semivolatile Organics			
Acenaphthylene	0.26	55*	No
Acetophenone	0.14	0.49	No
Aniline	0.45	78	No
Anthracene	0.27	14,000	No
Benzo(a)anthracene	0.71	0.56	Yes
Benzo(a)pyrene	0.93	0.056	Yes
Benzo(b)fluoranthene	0.91	0.56	Yes
Benzo(g,h,i)perylene	0.31	55*	No
Benzo(k)fluoranthene	1.1	5.6	No
bis(2-Ethylhexyl)phthalate	0.15	32	No
Chrysene	0.85	56	No
Dibenzo(a,h)anthracene	0.27	0.056	Yes
Di-n-Butylphthalate	0.31	5,500	No
Fluoranthene	1.2	2,000	No
Fluorene	0.13	1,800	No
Indeno(1,2,3-cd)pyrene	0.46	0.56	No
Naphthalene	0.094	55	No
Phenanthrene	0.88	55*	No
Phenol	0.25	33,000	No
Pyrene	1.4	1,500	No
Inorganics			
Antimony	27	30	No
Arsenic	59	0.38	Yes
Barium	960	5,200	No
Beryllium	0.55	150	No
Cadmium	7.1	37	No
Chromium	120	210	No
Cobalt	16	3,300	No
Copper	260	2,800	No
Cyanide	1.8	11*	No
Lead	22,700	400	Yes
Mercury	5.3	22	No
Nickel	77	1,500	No
Selenium	17	370	No
Silver	2.3	370	No
Sulfide	6,000	350*	Yes
Thallium	17	6	Yes
Tin	5,100	45,000	No
Vanadium	32.5	520	No
Zinc	3,400	22,000	No

- Notes:**
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "X" depth proposed for use in the evaluations (see note 7 in preceding Table E-1).

**TABLE E-3
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-8BB 0-0.5 02/23/95	I9-9-1-SB-1 0-1 06/18/03	I9-9-1-SB-3 0-1 06/17/03	I9-9-1-SB-5 0-1 06/17/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics								
Benzo(a)anthracene	0.71	0.18	0.18	0.32	N/A (See Note 5)	0.35	7	No
Benzo(a)pyrene	0.93	0.18	0.18	0.32	N/A (See Note 5)	0.40	2	No
Benzo(b)fluoranthene	0.91	0.18	0.18	0.32	N/A (See Note 5)	0.40	7	No
Dibenzo(a,h)anthracene	0.27	0.18	0.18	0.32	N/A (See Note 5)	0.24	0.7	No
Dioxins/Furans								
Total TEQs (WHO TEFs)	1.80E-05	2.70E-06	1.40E-06	9.70E-05	9.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics								
Arsenic	9.00	7.80	6.90	12.0	N/A (See Note 5)	8.93	20	No
Lead	500	57.0	44.0	2,000	N/A (See Note 5)	650	300	Yes
Sulfide	805	2.70	2.65	1,300	N/A (See Note 5)	528	633*	No
Thallium	0.500	7.90	0.550	1.50	N/A (See Note 5)	2.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL I9-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-1-SB-3 1-3 06/17/03	I9-9-1-SB-5 1-3 06/17/03	I9-9-1-SB-5-N 1-3 10/24/05	I9-9-1-SB-5-S 1-3 10/24/05	I9-9-1-SB-6-S 1-3 06/06/06	I9-9-1-SB-6-SS 1-3 06/06/06	I9-10-8-SB-3 1-3 06/13/03
Semivolatile Organics							
Benzo(a)anthracene	0.55	0.22	--	--	--	--	(See Note 1)
Benzo(a)pyrene	0.68	0.29	--	--	--	--	(See Note 1)
Benzo(b)fluoranthene	0.59	0.29	--	--	--	--	(See Note 1)
Dibenzo(a,h)anthracene	0.19	0.29	--	--	--	--	(See Note 1)
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.10E-05	4.10E-05	--	--	--	--	(See Note 1)
Inorganics							
Arsenic	8.80	16.0	--	--	--	--	(See Note 1)
Lead	320	1,800	1,600	1,200	703	22,700	40.0
Sulfide	2.80	1,900	--	--	--	--	28.0
Thallium	0.550	3.10	--	--	--	--	(See Note 1)

Sample ID: Sample Depth(Feet): Date Collected:	I9-9-9-SB-3-W 1-3 10/26/05	COMP-I9-9-1-SB-5 1-3 (See Note 2)	I9-9-1-SB-1 3-5 06/18/03	I9-9-1-SB-5 3-5 10/24/05	I9-9-1-SB-5-N 3-5 06/06/06	I9-9-1-SB-6-S 3-5 06/06/06	I9-9-1-SB-6-SS 3-5 06/06/06
Semivolatile Organics							
Benzo(a)anthracene	(See Note 1)	--	0.41	--	--	--	--
Benzo(a)pyrene	(See Note 1)	--	0.42	--	--	--	--
Benzo(b)fluoranthene	(See Note 1)	--	0.43	--	--	--	--
Dibenzo(a,h)anthracene	(See Note 1)	--	0.20	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	(See Note 1)	--	6.20E-06	--	--	--	--
Inorganics							
Arsenic	(See Note 1)	--	6.80	--	--	--	--
Lead	520	4,080	180	16,000	2,110	1,190	1,000
Sulfide	3.30	644	7.60	74.0	--	--	--
Thallium	(See Note 1)	--	17.0	--	--	--	--

See Notes on Page 3

TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL 19-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB 3-5 06/01/06	19-9-1-SB-1 3-5 06/18/03	COMP-19-9-1-SB-5 3-5 (See Note 3)	19-9-1-SB-5 5-7 06/06/06	19-9-1-SB-5-N 5-7 06/06/06	19-9-1-SB-5-S 5-7 06/06/06	19-9-1-SB-6 7-9 03/08/05	19-9-1-SB-6-S 7-9 06/06/06
Semivolatile Organics								
Benzol(a)anthracene	(See Note 1)	--	--	--	--	--	--	0.31
Benzol(a)pyrene	(See Note 1)	--	--	--	--	--	--	0.40
Benzol(b)fluoranthene	(See Note 1)	--	--	--	--	--	--	0.33
Dibenzol(a,h)anthracene	(See Note 1)	--	--	--	--	--	--	0.046
Dioxins/Furans								
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--	--	--	1.90E-05
Inorganics								
Arsenic	(See Note 1)	--	--	--	--	--	--	16.0
Lead	459	180	3,490	2,460	494	790	--	640
Sulfide	(See Note 1)	--	--	--	--	--	--	18.0
Thallium	(See Note 1)	--	--	--	--	--	--	0.600
Semivolatile Organics								
Sample ID: Sample Depth(Feet): Date Collected:	19-9-1-SB-6-S 5-7 06/06/06	19-9-1-SB-6-SS 5-7 06/06/06	COMP- 19-9-1-SB-5/SB-6 5-7 (See Note 4)	19-9-1-SB-5 7-9 06/06/06	19-9-1-SB-5-S 7-9 06/06/06	19-9-1-SB-6 7-9 03/08/05	19-9-1-SB-6-S 7-9 06/06/06	
Semivolatile Organics								
Benzol(a)anthracene	--	--	--	--	--	0.24	--	--
Benzol(a)pyrene	--	--	--	--	--	0.26	--	--
Benzol(b)fluoranthene	--	--	--	--	--	0.24	--	--
Dibenzol(a,h)anthracene	--	--	--	--	--	0.34	--	--
Dioxins/Furans								
Total TEQs (WHO TEFs)	--	--	--	--	--	2.60E-06	--	--
Inorganics								
Arsenic	--	--	--	--	7.82	59.0	--	10.9
Lead	1,020	1.32	901	32	584	8,000	--	268
Sulfide	--	--	--	--	--	6,000	--	--
Thallium	--	--	--	--	--	8.00	--	--

See Notes on Page 3

TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL 19-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-1-SB-6-SS 7-9 06/06/06	COMP- 19-9-1-SB-5/-SB-6 7-9 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Benzol(a)anthracene	--	--	N/A (See Note 6)	0.35	7	No
Benzol(a)pyrene	--	--	N/A (See Note 6)	0.41	2	No
Benzol(b)fluoranthene	--	--	N/A (See Note 6)	0.38	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 6)	0.21	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.10E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	25.9	N/A (See Note 6)	14.7	20	No
Lead	42.2	1,785	N/A (See Note 6)	2,120	300	Yes
Sulfide	--	--	N/A (See Note 6)	1,130	633*	Yes
Thallium	--	--	N/A (See Note 6)	5.85	8	No

- Notes:**
- The lead results presented for 19-10-8-SB-3 (1-3') and SLB-1BB (3-5') are used to delineate sample locations 19-9-1-SB-5/-SB-6 to the north, and 19-9-9-SB-3-W (1-3') is used to delineate these samples to the south. The Total TEQs, SVOCs, and remaining inorganic results are not presented herein as these results are included in the evaluations of Parcels 19-10-8 and 19-9-9, respectively.
 - The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (1-3'; 6/17/03), 19-9-1-SB-5-N (1-3'; 10/24/05), 19-9-1-SB-5-S (1-3'; 10/24/05), 19-9-1-SB-6-S (1-3'; 6/6/06), 19-9-1-SB-6-SS (1-3'; 6/6/06), 19-10-8-SB-3 (1-3'; 6/13/03), and 19-9-9-SB-3-W (1-3'; 10/26/03). The sulfide result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (1-3'; 6/17/03), 19-10-8-SB-3 (1-3'; 6/13/03), and 19-9-9-SB-3-W (1-3'; 10/26/03).
 - The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (3-5'; 10/24/05), 19-9-1-SB-5-N (3-5'; 6/6/06), 19-9-1-SB-6-S (3-5'; 6/6/06), SLB-1BB (3-5'; 6/11/06), and 19-9-1-SB-1 (3-5'; 6/18/03).
 - The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (5-7'; 6/17/03), 19-9-1-SB-5-N (5-7'; 10/24/05), 19-9-1-SB-5-S (5-7'; 10/24/05), 19-9-1-SB-6 (5-7'; 3/8/05), 19-9-1-SB-6-S (5-7'; 6/6/06), and 19-9-1-SB-6-SS (5-7'; 6/6/06).
 - The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (7-9'; 6/6/06), 19-9-1-SB-5-S (7-9'; 6/6/06), 19-9-1-SB-6 (7-9'; 3/8/05), 19-9-1-SB-6-S (7-9'; 6/6/06), and 19-9-1-SB-6-SS (7-9'; 6/6/06). The arsenic result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5-S (7-9'; 6/6/06), 19-9-1-SB-6 (7-9'; 3/8/05), and 19-9-1-SB-6-S (7-9'; 6/6/06).
 - Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - = Constituent not subject to analysis.
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-5
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-1: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLE-8BB 0-0.5 02/23/95	19-9-1-SB-1 0-1 06/18/03	19-9-1-SB-3 0-1 06/17/03	19-9-1-SB-5 0-1 06/17/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics								
Benzol(a)anthracene	0.71	0.18	0.18	0.32	N/A (See Note 5)	0.35	7	No
Benzol(e)pyrene	0.93	0.18	0.18	0.32	N/A (See Note 5)	0.40	2	No
Benzol(b)fluoranthene	0.91	0.18	0.18	0.32	N/A (See Note 5)	0.40	7	No
Dibenzol(a,h)anthracene	0.27	0.18	0.18	0.32	N/A (See Note 5)	0.24	0.7	No
Dioxins/Furans								
Total TEQs (WHO TEFs)	1.80E-05	2.70E-06	1.40E-06	9.70E-05	9.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics								
Arsenic	9.00	7.80	6.90	12.0	N/A (See Note 5)	8.93	20	No
Lead	500	57.0	44.0	6.24	N/A (See Note 5)	152	300	No
Sulfide	805	2.70	2.65	1.300	N/A (See Note 5)	528	633*	No
Thallium	0.500	7.90	0.550	1.50	N/A (See Note 5)	2.61	8	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
 - Shaded numbers in bold and italics represent the placement of clean blackfill material following the performance of remedial actions. The blackfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-6
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
 PARCEL 19-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth/Feet): Date Collected:	19-9-1-SB-3 1-3 06/17/03	19-9-1-SB-5 1-3 06/17/03	19-9-1-SB-5-N 1-3 10/24/05	19-9-1-SB-5-S 1-3 10/24/05	19-9-1-SB-6-S 1-3 06/06/06	19-9-1-SB-6-SS 1-3 06/06/06	19-10-8-SB-3 1-3 06/13/03
Semivolatile Organics							
Benzo(a)anthracene	0.55	0.22	--	--	--	--	(See Note 1)
Benzo(a)pyrene	0.68	0.29	--	--	--	--	(See Note 1)
Benzo(b)fluoranthene	0.59	0.29	--	--	--	--	(See Note 1)
Dibenzo(a,h)anthracene	0.19	0.29	--	--	--	--	(See Note 1)
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.10E-05	4.10E-05	--	--	--	--	(See Note 1)
Inorganics							
Arsenic	8.80	16.0	--	--	--	--	(See Note 1)
Lead	320	6.24	6.24	6.24	6.24	6.24	40.0
Sulfide	2.80	42.9	--	--	--	--	28.0
Thallium	0.550	3.10	--	--	--	--	(See Note 1)
Sample ID: Sample Depth/Feet): Date Collected:	19-9-9-SB-3-W 1-3 10/26/05	COMP-19-9-1-SB-5 1-3 (See Note 2)	19-9-1-SB-1 3-5 06/18/03	19-9-1-SB-5 3-5 10/24/05	19-9-1-SB-5-N 3-5 06/06/06	19-9-1-SB-6-S 3-5 06/06/06	19-9-1-SB-6-SS 3-5 06/06/06
Semivolatile Organics							
Benzo(a)anthracene	(See Note 1)	--	0.41	--	--	--	--
Benzo(a)pyrene	(See Note 1)	--	0.42	--	--	--	--
Benzo(b)fluoranthene	(See Note 1)	--	0.43	--	--	--	--
Dibenzo(a,h)anthracene	(See Note 1)	--	0.20	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	(See Note 1)	--	6.20E-06	--	--	--	--
Inorganics							
Arsenic	(See Note 1)	--	6.80	--	--	--	--
Lead	520	84	180	6.24	6.24	6.24	6.24
Sulfide	3.30	25	7.60	74.0	--	--	--
Thallium	(See Note 1)	--	17.0	--	--	--	--

See Notes on Page 3

TABLE E-6
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
 PARCEL 19-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB 3-5 06/01/06	19-9-1-SB-1 3-5 06/18/03	COMP-19-9-1-SB-5 3-5 (See Note 3)	19-9-1-SB-5 5-7 06/06/06	19-9-1-SB-5-N 5-7 06/06/06	19-9-1-SB-5-S 5-7 06/06/06	19-9-1-SB-6 7-9 03/08/05	19-9-1-SB-6 7-9 06/06/06
Semi-volatile Organics								
Benzol(a)anthracene	(See Note 1)	--	--	--	--	--	--	0.31
Benzol(a)pyrene	(See Note 1)	--	--	--	--	--	--	0.40
Benzol(b)fluoranthene	(See Note 1)	--	--	--	--	--	--	0.33
Dibenzo(a,h)anthracene	(See Note 1)	--	--	--	--	--	--	0.046
Dioxins/Furans								
Total TEQs (WHO TEFs)	(See Note 1)	--	--	--	--	--	--	1.90E-05
Inorganics								
Arsenic	(See Note 1)	--	--	--	--	--	--	16.0
Lead	459	180	111	6.24	494	6.24	--	6.24
Sulfide	(See Note 1)	--	--	--	--	--	--	18.0
Thallium	(See Note 1)	--	--	--	--	--	--	0.600
Sample ID: 19-9-1-SB-6-S								
Date Collected: 06/06/06								
Sample ID: 19-9-1-SB-6-SS								
Date Collected: 06/06/06								
Sample ID: 19-9-1-SB-5-SB-6								
Date Collected: 06/06/06								
Sample ID: 19-9-1-SB-5								
Date Collected: 06/06/06								
Sample ID: 19-9-1-SB-5-S								
Date Collected: 06/06/06								
Sample ID: 19-9-1-SB-6								
Date Collected: 03/08/05								
Sample ID: 19-9-1-SB-6-S								
Date Collected: 06/06/06								
Semi-volatile Organics								
Benzol(a)anthracene	--	--	--	--	--	0.24	--	--
Benzol(a)pyrene	--	--	--	--	--	0.26	--	--
Benzol(b)fluoranthene	--	--	--	--	--	0.24	--	--
Dibenzo(a,h)anthracene	--	--	--	--	--	0.34	--	--
Dioxins/Furans								
Total TEQs (WHO TEFs)	--	--	--	--	--	2.60E-06	--	--
Inorganics								
Arsenic	--	--	--	--	--	7.82	6.53	10.9
Lead	6.24	1.32	87	32	6.24	6.24	6.24	6.24
Sulfide	--	--	--	--	--	--	6,000	--
Thallium	--	--	--	--	--	--	8.00	--

See Notes on Page 3

TABLE E-6
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 STANDARDS
PARCEL 19-9-1: 1- TO X-FOOT [X=8] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feeft): Date Collected:	19-9-1-SB-6-SS 7.9 06/06/06	COMP- 19-9-1-SB-5/-SB-6 7.9 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Benzof(a)anthracene	--	--	N/A (See Note 6)	0.35	7	No
Benzof(a)pyrene	--	--	N/A (See Note 6)	0.41	2	No
Benzof(b)fluoranthene	--	--	N/A (See Note 6)	0.38	7	No
Dibenzof(a,h)anthracene	--	--	N/A (See Note 6)	0.21	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	4.10E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	8.4	N/A (See Note 6)	11.2	20	No
Lead	42.2	19	N/A (See Note 6)	130	300	No
Sulfide	--	--	N/A (See Note 6)	1.030	633*	(See Note 14)
Thallium	--	--	N/A (See Note 6)	5.85	8	No

Notes:

- The lead results presented for 19-10-8-SB-3 (1-3') and SLB-1BB (3-5') are used to delineate sample locations 19-9-1-SB-5/-SB-6 to the north, and 19-9-9-SB-3-W (1-3') is used to delineate these samples to the south. The Total TEQs, SVOCs, and remaining inorganic results are not presented herein as these results are included in the evaluations of Parcels 19-10-8 and 19-9-9, respectively.
- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (1-3', 6/17/03), 19-9-1-SB-5-N (1-3', 10/24/05), 19-9-1-SB-6-S (1-3', 6/6/06), 19-9-1-SB-6-SS (1-3', 6/6/06), 19-10-8-SB-3 (1-3', 6/13/03), and 19-9-9-SB-3-W (1-3', 10/26/03). The sulfide result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (1-3', 6/17/03), 19-10-8-SB-3 (1-3', 6/13/03), and 19-9-9-SB-3-W (1-3', 10/26/03).
- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (3-5', 10/24/05), 19-9-1-SB-5-N (3-5', 6/6/06), 19-9-1-SB-6-S (3-5', 6/6/06), SLB-1BB (3-5', 6/1/06), and 19-9-1-SB-1 (3-5', 6/18/03).
- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (5-7', 6/17/03), 19-9-1-SB-5-N (5-7', 10/24/05), 19-9-1-SB-6-S (5-7', 3/8/05), 19-9-1-SB-6-S (5-7', 6/6/06), and 19-9-1-SB-6-SS (5-7', 6/6/06).
- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5 (7-9', 6/6/06), 19-9-1-SB-5-S (7-9', 3/8/05), 19-9-1-SB-6-S (7-9', 6/6/06), and 19-9-1-SB-6-SS (7-9', 6/6/06). The arsenic result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-1-SB-5-S (7-9', 6/6/06), 19-9-1-SB-6 (7-9', 3/8/05), and 19-9-1-SB-6-S (7-9', 6/6/06).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

Parcel 19-9-9 (bank)

TABLE E-7
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-9-9-SB-2 SI-BH001031-0-0070 7-9 06/23/03	PDI 19-9-9-SB-2 0-1 03/11/05	PDI 19-9-9-SB-2 5-7 03/08/05	PDI 19-9-9-SB-2 5-7 03/11/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,1,1-trichloroethane		680	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,1,2-Trichloroethane		0.82	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,1-Dichloroethane		570	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,1-Dichloroethane		0.052	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,2,3-Trichloropropane		0.0014	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,2,4-Trichlorobenzene		480	ND(0.0096)	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,2-Dibromoethane		0.0049	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,2-Dichlorobenzene		370	ND(0.0096)	NA	NA	NA
1,2-Dichloroethane		0.34	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,2-Dichloropropane		0.34	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
1,3-Dichlorobenzene		41	ND(0.0096)	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.0096)	NA	NA	NA
1,4-Dioxane		40	ND(0.48)	ND(0.14)	NA	ND(0.12)
2-Butanone		6900	0.059 J	ND(0.014)	NA	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
2-Chloroethylvinylether		0.18	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
2-Hexanone		750	ND(0.0096)	ND(0.014)	NA	ND(0.012)
3-Chloropropene		2700	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
4-Methyl-2-pentanone		750	ND(0.0096)	ND(0.014)	NA	ND(0.012)
Acetone		1400	0.23 J	ND(0.029)	NA	ND(0.024)
Acetonitrile		200	NA	ND(0.14)	NA	ND(0.12)
Acrolein		0.1	ND(0.0096)	ND(0.14)	NA	ND(0.12)
Acrylonitrile		0.19	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Benzene		0.62	ND(0.011)	ND(0.0073)	NA	ND(0.0059)
Bromodichloromethane		0.98	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Bromoforn		56	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Bromomethane		3.8	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Carbon Disulfide		350	0.046 J	ND(0.0073)	NA	ND(0.0059)
Carbon Tetrachloride		0.23	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Chlorobenzene		54	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Chloroethane		1600	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Chloroform		0.24	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Chloromethane		1.2	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
cis-1,2-Dichloroethane		42	ND(0.0096)	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Dibromochloromethane		5.3	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Dibromomethane		550	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Dichlorodifluoromethane		94	NA	ND(0.0073)	NA	ND(0.0059)
Ethyl Methacrylate		140	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Ethylbenzene		230	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Freon 12		Not Listed	ND(0.0096)	NA	NA	NA
Iodomethane		1.2	ND(0.011)	ND(0.0073)	NA	ND(0.0059)
Isobutanol		10000	ND(0.48)	ND(0.14)	NA	ND(0.12)
m&g-Xylene		210	ND(0.0096)	NA	NA	NA
Methacrylonitrile		1.8	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Methyl Methacrylate		2200	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Methyl tert-butyl ether		Not Listed	ND(0.0096)	NA	NA	NA
Methylene Chloride		8.5	ND(0.0096)	ND(0.0073)	NA	0.0050 J
Naphtalene		35	0.067 J	NA	NA	NA
o-Xylene		280	ND(0.0096)	NA	NA	NA
Propionitrile		200	ND(0.038)	ND(0.014)	NA	ND(0.012)
Styrene		1700	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Tetrachloroethane		4.7	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Toluene		520	0.0020 J	ND(0.0073)	NA	ND(0.0059)
trans-1,2-Dichloroethane		62	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-9-9-SB-2 SI-BH001031-0-0070 7-9 06/23/03	PDI 19-9-9-SB-2 0-1 03/11/05	PDI 19-9-9-SB-2 5-7 03/08/05	PDI 19-9-9-SB-2 5-7 03/11/05
Volatile Organics (continued)						
trans-1,3-Dichloropropene		Not Listed	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Trichloroethene		2.7	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Trichlorofluoromethane		380	ND(0.0096)	ND(0.0073)	NA	0.0062
Vinyl Acetate		420	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Vinyl Chloride		0.021	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Xylenes (total)		210	ND(0.0096)	ND(0.0073)	NA	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.88)	ND(0.48)	ND(3.9)	NA
1,2,4-Trichlorobenzene		480	0.054 J	ND(0.48)	ND(3.9)	NA
1,2-Dichlorobenzene		370	ND(0.88)	ND(0.48)	ND(3.9)	NA
1,2-Diphenylhydrazine		0.56	NA	ND(0.48)	ND(3.9)	NA
1,3,5-Trinitrobenzene		1600	ND(0.88)	ND(0.48)	ND(3.9)	NA
1,3-Dichlorobenzene		41	ND(0.88)	ND(0.48)	ND(3.9)	NA
1,3-Dinitrobenzene		5.5	ND(0.88)	ND(0.97)	ND(3.9)	NA
1,4-Dichlorobenzene		3	ND(0.88)	ND(0.48)	ND(3.9)	NA
1,4-Naphthoquinone		55	ND(0.88)	ND(0.97)	ND(3.9)	NA
1-Naphthylamine		Not Listed	ND(0.88)	ND(0.97)	ND(3.9)	NA
2,3,4,6-Tetrachlorophenol		1600	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,4,5-Trichlorophenol		5500	ND(2.2)	ND(0.48)	ND(3.9)	NA
2,4,6-Trichlorophenol		40	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,4-Dichlorophenol		160	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,4-Dimethylphenol		1100	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,4-Dinitrophenol		110	ND(2.2)	ND(2.5)	ND(20)	NA
2,4-Dinitrotoluene		110	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,6-Dichlorophenol		160	ND(0.88)	ND(0.48)	ND(3.9)	NA
2,6-Dinitrotoluene		55	ND(0.88)	ND(0.48)	ND(3.9)	NA
2-Acetylaminofluorene		0.56	ND(0.88)	ND(0.97)	ND(3.9)	NA
2-Chloronaphthalene		3700	ND(0.88)	ND(0.48)	ND(3.9)	NA
2-Chlorophenol		59	ND(0.88)	ND(0.48)	ND(3.9)	NA
2-Methylnaphthalene		55	0.36 J	0.053 J	ND(3.9)	NA
2-Naphthylphenol		2700	ND(0.88)	ND(0.48)	ND(3.9)	NA
2-Naphthylamine		Not Listed	ND(0.88)	ND(0.97)	ND(3.9)	NA
2-Nitroaniline		3.3	ND(2.2)	ND(2.5)	ND(20)	NA
2-Nitrophenol		Not Listed	ND(0.88)	ND(0.97)	ND(3.9)	NA
2-Picoline		55	ND(0.88)	ND(0.48)	ND(3.9)	NA
3&4-Methylphenol		270	NA	ND(0.97)	ND(3.9)	NA
3,3-Dichlorobenzidine		0.99	ND(0.88)	ND(0.97)	ND(7.9)	NA
3,3-Dimethylbenzidine		0.048	ND(0.88)	ND(0.48)	ND(3.9)	NA
3-Methylcholanthrene		0.056	ND(0.88)	ND(0.97)	ND(3.9)	NA
3-Nitroaniline		5.5	ND(2.2)	ND(2.5)	ND(20)	NA
4,6-Dinitro-2-methylphenol		55	ND(2.2)	ND(0.48)	ND(3.9)	NA
4-Aminobiphenyl		1400	ND(0.88)	ND(0.97)	ND(3.9)	NA
4-Bromophenyl-phenylether		160	ND(0.88)	ND(0.48)	ND(3.9)	NA
4-Chloro-3-Methylphenol		2700	ND(0.88)	ND(0.48)	ND(3.9)	NA
4-Chloroaniline		220	ND(0.88)	ND(0.48)	ND(3.9)	NA
4-Chlorobenzilate		1.6	ND(0.88)	ND(0.97)	ND(3.9)	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA
4-Methylphenol		270	0.10 J	NA	NA	NA
4-Nitroaniline		5.5	ND(2.2)	ND(2.5)	ND(3.9)	NA
4-Nitrophenol		3400	ND(2.2)	ND(2.5)	ND(20)	NA
4-Nitroquinoline-1-oxide		110	ND(0.88)	ND(0.97)	ND(3.9)	NA
4-Phenylenediamine		10000	ND(0.88)	ND(0.97)	ND(3.9)	NA
5-Nitro-o-toluidine		13	ND(0.88)	ND(0.97)	ND(3.9)	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.88)	ND(0.97)	ND(3.9)	NA
a,a-Dimethylphenethylamine		55	ND(0.88)	ND(0.97)	ND(3.9)	NA
Acenaphthene		2600	0.74 J	ND(0.48)	ND(3.9)	NA
Acenaphthylene		55	ND(0.88)	0.096 J	0.86 J	NA

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Region (Sample Depth)(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-9-9-SB-2 SL-BH001031-0-0070 7-9 06/23/03	PDI 19-9-9-SB-2 0-1 03/11/05	PDI 19-9-9-SB-2 5-7 03/08/05	PDI 19-9-9-SB-2 5-7 03/11/05
Acetophenone		0.49	ND(0.88)	ND(0.48)	ND(3.9)	NA
Aniline		78	ND(2.2)	ND(0.48)	ND(3.9)	NA
Anthracene		14000	0.67 J	0.20 J	0.96 J	NA
Aramite		18	ND(0.88)	ND(0.97)	ND(3.9)	NA
Azobenzene		4	ND(0.88)	NA	NA	NA
Benzidine		0.0019	NA	ND(0.97)	ND(7.9)	NA
Benzo(a)anthracene		0.56	2.2	0.52	1.8 J	NA
Benzo(a)pyrene		0.056	1.9	0.54	1.2 J	NA
Benzo(b)fluoranthene		0.56	1.9	0.41 J	1.0 J	NA
Benzo(g,h,i)perylene		55	1.4 J	0.28 J	0.54 J	NA
Benzof(k)fluoranthene		5.6	1.7	0.59	1.3 J	NA
Benzyl Alcohol		16000	ND(0.88)	ND(0.97)	ND(7.9)	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA
bis(2-Chloroethyl)ether		0.18	ND(0.88)	ND(0.48)	ND(3.9)	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.88)	ND(0.48)	ND(3.9)	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.88)	0.54	ND(2.0)	NA
Butylbenzylphthalate		930	ND(0.88)	ND(0.48)	ND(3.9)	NA
Chrysene		56	2.4	0.60	1.6 J	NA
Diallate		7.3	ND(0.88)	ND(0.97)	ND(3.9)	NA
Dibenzof(a,h)anthracene		0.056	0.35 J	0.061 J	ND(3.9)	NA
Dibenzofuran		210	0.23 J	0.064 J	ND(3.9)	NA
Diethylphthalate		44000	ND(0.88)	ND(0.48)	ND(3.9)	NA
Dimethylphthalate		100000	ND(0.88)	ND(0.48)	ND(3.9)	NA
Di-n-Butylphthalate		5500	ND(0.88)	ND(0.48)	ND(3.9)	NA
Di-n-Octylphthalate		1100	ND(0.88)	ND(0.48)	ND(3.9)	NA
Diphenylamine		1400	NA	ND(3.9)	ND(3.9)	NA
Ethyl Methanesulfonate		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA
Fluoranthene		2000	4.8	1.2	3.8 J	NA
Fluorene		1800	0.44 J	0.084 J	ND(3.9)	NA
Hexachlorobenzene		0.28	ND(0.88)	ND(0.48)	ND(3.9)	NA
Hexachlorobutadiene		5.7	ND(0.88)	ND(0.48)	ND(3.9)	NA
Hexachlorocyclopentadiene		380	ND(0.88)	ND(0.48)	ND(3.9)	NA
Hexachloroethane		32	ND(0.88)	ND(0.48)	ND(3.9)	NA
Hexachlorophene		16	NA	ND(0.97)	ND(7.9)	NA
Hexachloropropene		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA
Indeno(1,2,3-cd)pyrene		0.56	1.2 J	0.22 J	0.45 J	NA
Isodrin		Not Listed	NA	ND(0.48)	ND(3.9)	NA
Isophorone		470	ND(0.88)	ND(0.48)	ND(3.9)	NA
Isosafrole		Not Listed	ND(0.88)	ND(0.97)	ND(3.9)	NA
Methacryliene		55	ND(0.88)	ND(0.97)	ND(3.9)	NA
Methyl Methanesulfonate		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA
Naphthalene		55	3.2	0.079 J	ND(3.9)	NA
Nitrobenzene		16	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitrosodimethylamine		0.003	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitrosodimethylamine		0.0087	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.88)	ND(0.97)	ND(3.9)	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitrosodiphenylamine		91	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitrosomethylamine		0.02	ND(0.88)	ND(0.97)	ND(3.9)	NA
N-Nitrosomorpholine		0.21	ND(0.88)	ND(0.48)	ND(3.9)	NA
N-Nitrosopyrrolidine		0.21	ND(0.88)	ND(0.48)	ND(3.9)	NA
N,N-Diethyldithiocarbamate		11	NA	ND(0.97)	ND(3.9)	NA
o-Tolidine		1.9	ND(0.88)	ND(0.48)	ND(3.9)	NA
p-Dimethylaminobenzene		0.99	ND(0.88)	ND(0.97)	ND(3.9)	NA
Pentachlorobenzene		44	ND(0.88)	ND(0.48)	ND(3.9)	NA
Pentachloroethane		2.8	ND(0.88)	ND(0.48)	ND(3.9)	NA
Pentachlorotoluene		1.7	ND(0.88)	ND(0.97)	ND(3.9)	NA
Pentachlorophenol		2.5	ND(2.2)	ND(2.5)	ND(20)	NA

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	Data Type: Location ID: Sample ID: Region 9 Residential PRCS	EPA SL-BH001031-0-0070 7-9 06/23/03	EPA 19-9-9-SB-2 0-1 03/11/05	PDI 19-9-9-SB-2 0-1 03/11/05	EPA 19-9-9-SB-2 5-7 03/08/05	PDI 19-9-9-SB-2 5-7 03/11/05
Semivolatile Organics (continued)							
Phenacetin		640	ND(0.88)	ND(0.97)	ND(3.9)	NA	NA
Phenanthrene		55	2.9	0.97	4.0	NA	NA
Phenol		33000	ND(0.88)	ND(0.48)	ND(3.9)	NA	NA
Pronamide		4100	ND(0.88)	ND(0.48)	ND(3.9)	NA	NA
Pyrene		1500	4.5	1.2	3.3 J	NA	NA
Pyridine		55	ND(0.88)	ND(0.48)	ND(3.9)	NA	NA
Safrole		Not Listed	ND(0.88)	ND(0.48)	ND(3.9)	NA	NA
Thionazin		330	NA	ND(0.48)	ND(3.9)	NA	NA
Herbicides							
Dinoseb		55	ND(0.88)	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		Not Applicable	NA	0.0000067 Y	0.000014 YI	NA	NA
TCDFs (total)		Not Applicable	NA	0.000062	0.00013	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	0.0000034 J	0.0000062	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	0.0000067	0.0000078	NA	NA
PeCDFs (total)		Not Applicable	NA	0.00014	0.00010	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.0000052 J	0.0000097	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.0000066	0.0000057 I	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	ND(0.0000034)	ND(0.0000018)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.0000069	0.0000033 J	NA	NA
HxCDFs (total)		Not Applicable	NA	0.00014	0.000069	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.000022	0.000026	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	ND(0.0000021)	ND(0.0000017)	NA	NA
HpCDFs (total)		Not Applicable	NA	0.000044	0.000046	NA	NA
OCDF		Not Applicable	NA	0.000021	0.000047	NA	NA
Dioxins							
2,3,7,8-TCDD		Not Applicable	NA	ND(0.00000023)	ND(0.00000029)	NA	NA
TCDDs (total)		Not Applicable	NA	0.0000081	0.0000030	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.000010)	ND(0.0000046)	NA	NA
PeCDDs (total)		Not Applicable	NA	ND(0.000010)	ND(0.0000022)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.0000085)	ND(0.0000056)	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.0000034 J	ND(0.0000011)	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	ND(0.0000030)	ND(0.0000013)	NA	NA
HxCDDs (total)		Not Applicable	NA	0.000022	0.0000081	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000042	0.000023	NA	NA
HpCDDs (total)		Not Applicable	NA	0.000084	0.000051	NA	NA
OCDD		Not Applicable	NA	0.00027	0.00020	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	0.0000078	0.0000085	NA	NA
Inorganics							
Antimony		30	2.50	ND(6.00)	ND(6.00)	NA	NA
Arsenic		0.38	10.6	6.80	5.90	NA	NA
Barium		5200	1240	42.0	120	NA	NA
Beryllium		150	0.270	0.340 B	0.280 B	NA	NA
Cadmium		37	4.80	0.290 B	0.500 B	NA	NA
Chromium		210	39.8	14.0	12.0	NA	NA
Cobalt		3300	6.90	11.0	7.80	NA	NA
Copper		2800	171	26.0	59.0	NA	NA
Cyanide		11	NA	0.140 B	0.160 B	NA	NA
Lead		400	463	120	170	NA	NA
Mercury		22	0.310	0.120 B	0.210	NA	NA
Nickel		1500	38.3	19.0	16.0	NA	NA
Selenium		370	0.960	ND(1.10)	1.20	NA	NA
Silver		370	0.850	ND(1.10)	0.210 B	NA	NA
Sulfide		350	NA	23.0	45.0	NA	NA
Thallium		6	1.70	4.30	ND(1.20)	NA	NA
Tin		45000	439	6.00 B	6.10 B	NA	NA
Vanadium		520	10.4	15.0	17.0	NA	NA
Zinc		22000	2320	120	170	NA	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth (Feet): Date Collected:	EPA Regional PRGs	PDI		PDI						
			19-9-9-SB-2 19-9-9-SB-2 7-9	03/08/05	19-9-9-SB-2 19-9-9-SB-2 7-9	03/11/05	19-9-9-SB-2-W 19-9-9-SB-2-W 7-9	10/26/05	19-9-9-SB-3 19-9-9-SB-3 0-1	06/20/03	
Volatile Organics											
1,1,1,2-Tetrachloroethane		2,8	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,1,1-1-trichloroethane		680	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,1-Dichloroethane		570	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA	NA			NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,2-Dibromomethane		0.0049	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA	NA			NA
1,2-Dichloroethane		0.34	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA	NA			NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA	NA			NA
1,4-Dioxane		40	NA	NA	ND(0.14)	NA	NA	ND(0.16) J			ND(0.16) J
2-Butanone		6900	NA	NA	ND(0.014)	NA	NA	ND(0.016)			ND(0.016)
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
2-Hexanone		750	NA	NA	ND(0.014)	NA	NA	ND(0.016)			ND(0.016)
3-Chloropropane		2700	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
4-Methyl-2-pentanone		750	NA	NA	ND(0.014)	NA	NA	ND(0.016)			ND(0.016)
Acetone		1400	NA	NA	ND(0.028)	NA	NA	ND(0.032)			ND(0.032)
Acetonitrile		200	NA	NA	ND(0.14)	NA	NA	ND(0.16) J			ND(0.16) J
Acrolein		0.1	NA	NA	ND(0.14)	NA	NA	ND(0.16) J			ND(0.16) J
Acrylonitrile		0.19	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Benzene		0.62	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Bromodichloromethane		0.98	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Bromoforn		56	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Bromomethane		3.8	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Carbon Disulfide		350	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Carbon Tetrachloride		0.23	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Chlorobenzene		54	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Chloroethane		1600	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Chloroform		0.24	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Chloromethane		1.2	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
cis-1,2-Dichloroethene		42	NA	NA	NA	NA	NA	NA			NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Dibromochloromethane		5.3	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Dibromomethane		550	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Dichlorodifluoromethane		94	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Ethyl Methacrylate		140	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Ethylbenzene		230	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Freon 12		Not Listed	NA	NA	NA	NA	NA	NA			NA
Iodomethane		1.2	NA	NA	ND(0.0069)	NA	NA	ND(0.0079) J			ND(0.0079) J
Isobutanol		10000	NA	NA	ND(0.14)	NA	NA	ND(0.16) J			ND(0.16) J
m&p-Xylene		210	NA	NA	NA	NA	NA	NA			NA
Methacrylonitrile		1.8	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Methyl Methacrylate		2200	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Methyl tert-butyl ether		Not Listed	NA	NA	NA	NA	NA	NA			NA
Methylene Chloride		8.5	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Naphthalene		55	NA	NA	NA	NA	NA	NA			NA
o-Xylene		280	NA	NA	NA	NA	NA	NA			NA
Propionitrile		200	NA	NA	ND(0.014)	NA	NA	ND(0.016)			ND(0.016)
Styrene		1700	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Tetrachloroethene		4.7	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
Toluene		520	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0069)	NA	NA	ND(0.0079)			ND(0.0079)

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI	
			19-9-9-SB-2 7-9 03/08/05	19-9-9-SB-2 7-9 03/11/05	19-9-9-SB-2-W 7-9 10/26/05	19-9-9-SB-3 0-1 06/20/03
Volatile Organics (continued)						
trans-1,3-Dichloropropene	Not Listed		NA	ND(0.0069)	NA	ND(0.0079)
trans-1,4-Dichloro-2-butene	Not Listed		NA	ND(0.0069)	NA	ND(0.0079)
Trichloroethene	2.7		NA	ND(0.0069)	NA	ND(0.0079)
Trichlorofluoromethane	380		NA	ND(0.0069)	NA	ND(0.0079)
Vinyl Acetate	420		NA	ND(0.0069)	NA	ND(0.0079)
Vinyl Chloride	0.021		NA	ND(0.0069)	NA	ND(0.0079)
Xylenes (total)	210		NA	ND(0.0069)	NA	ND(0.0079)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	16		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,2,4-Trichlorobenzene	480		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,2-Dichlorobenzene	370		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,2-Diphenylhydrazine	0.56		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,3,5-Trinitrobenzene	1600		ND(4.6)	NA	ND(0.47)	ND(0.66) J
1,3-Dichlorobenzene	41		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,3-Dinitrobenzene	5.5		ND(4.6)	NA	ND(0.95)	ND(1.1)
1,4-Dichlorobenzene	3		ND(4.6)	NA	ND(0.47)	ND(0.66)
1,4-Naphthoquinone	55		ND(4.6)	NA	ND(0.95)	ND(1.1)
1-Naphthylamine	Not Listed		ND(4.6)	NA	ND(0.95)	ND(1.1)
2,3,4,6-Tetrachlorophenol	1600		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,4,5-Trichlorophenol	5500		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,4,6-Trichlorophenol	40		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,4-Dichlorophenol	160		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,4-Dimethylphenol	1100		ND(4.6)	NA	ND(2.4) J	ND(0.66)
2,4-Dinitrophenol	110		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,6-Dichlorophenol	160		ND(4.6)	NA	ND(0.47)	ND(0.66)
2,6-Dinitrophenol	55		ND(4.6)	NA	ND(0.47)	ND(1.1)
2-Acetylaminofluorene	0.56		ND(4.6)	NA	ND(0.95)	ND(1.1)
2-Chloronaphthalene	3700		ND(4.6)	NA	ND(0.47)	ND(0.66)
2-Chlorophenol	59		ND(4.6)	NA	ND(0.47)	ND(0.66)
2-Methylphenol	2700		ND(4.6)	NA	ND(0.47)	ND(0.66)
2-Naphthylamine	Not Listed		ND(4.6)	NA	ND(0.95)	ND(1.1) J
2-Nitroaniline	3.3		ND(23)	NA	ND(2.4)	ND(3.3)
2-Nitrophenol	Not Listed		ND(4.6)	NA	ND(0.95)	ND(1.1)
2-Picoline	55		ND(4.6)	NA	ND(0.47)	ND(0.66)
3&4-Methylphenol	270		ND(4.6)	NA	ND(0.95)	ND(1.1)
3,3'-Dichlorobenzidine	0.99		ND(9.3)	NA	ND(0.95)	ND(1.3)
3,3'-Dimethylbenzidine	0.048		ND(4.6)	NA	ND(0.47)	ND(0.66)
3-Methylcholanthrene	0.056		ND(4.6)	NA	ND(0.95)	ND(1.1)
3-Nitroaniline	5.5		ND(23)	NA	ND(2.4)	ND(3.3)
4,6-Dinitro-2-methylphenol	55		ND(4.6)	NA	ND(0.47) J	ND(0.66)
4-Aminobiphenyl	1400		ND(4.6)	NA	ND(0.95)	ND(1.1)
4-Bromophenyl-phenylether	160		ND(4.6)	NA	ND(0.47)	ND(0.66)
4-Chloro-3-Methylphenol	2700		ND(4.6)	NA	ND(0.47)	ND(0.66)
4-Chloroaniline	220		ND(4.6)	NA	ND(0.47)	ND(0.66)
4-Chlorobenzilate	1.6		ND(4.6)	NA	ND(0.95)	ND(1.1)
4-Chlorophenyl-phenylether	Not Listed		ND(4.6)	NA	ND(0.47)	ND(0.66)
4-Methylphenol	270		NA	NA	NA	NA
4-Nitroaniline	5.5		ND(4.6)	NA	ND(2.4)	ND(2.7)
4-Nitrophenol	3400		ND(23)	NA	ND(2.4)	ND(3.3) J
4-Nitroquinoline-1-oxide	110		ND(4.6)	NA	ND(0.95)	ND(1.1)
4-Phenylendiamine	10000		ND(4.6)	NA	ND(0.95)	ND(1.1)
5-Nitro-o-toluidine	13		ND(4.6)	NA	ND(0.95)	ND(1.1)
7,12-Dimethylbenz(a)anthracene	0.056		ND(4.6)	NA	ND(0.95)	ND(1.1)
a,a'-Dimethylphenethylamine	55		ND(4.6)	NA	ND(0.95)	ND(1.1)
Acenaphthene	2600		1.7 J	NA	ND(0.47)	ND(0.66)
Acenaphthylene	55		1.3 J	NA	ND(0.47)	ND(0.66)

TABLE E-7
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-9-9-SB-2 19-9-9-SB-2 7-9 03/08/05	19-9-9-SB-2 19-9-9-SB-2 7-9 03/11/05	19-9-9-SB-2-W 19-9-9-SB-2-W 7-9 10/26/05	19-9-9-SB-3 19-9-9-SB-3 0-1 06/20/03
Semivolatile Organics (continued)						
Acetophenone		0.49	ND(4.6)	NA	ND(0.47)	ND(0.66)
Aniline		78	ND(4.6)	NA	ND(0.47)	1.6
Anthracene		14000	9.4	NA	ND(0.47)	0.38 J
Aranite		18	ND(4.6)	NA	ND(0.95)	ND(1.1)
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(9.3)	NA	ND(0.95) J	ND(1.3)
Benzo(a)anthracene		0.56	21	NA	ND(0.47)	0.48 J
Benzo(a)pyrene		0.056	16	NA	ND(0.47)	0.36 J
Benzo(b)fluoranthene		0.56	12	NA	ND(0.47)	0.31 J
Benzo(g,h,i)perylene		55	7.4	NA	ND(0.47)	0.20 J
Benzo(k)fluoranthene		5.6	14	NA	ND(0.47)	0.20 J
Benzyl Alcohol		16000	ND(9.3)	NA	ND(0.95)	ND(1.3)
bis(2-Chloroethoxy)methane		Not Listed	ND(4.6)	NA	ND(0.47)	ND(0.66)
bis(2-Chloroethyl)ether		0.18	ND(4.6)	NA	ND(0.47)	ND(0.66) J
bis(2-Chloroisopropyl)ether		2.5	ND(4.6)	NA	ND(0.47)	ND(0.66) J
bis(2-Ethylhexyl)phthalate		32	ND(2.3)	NA	ND(0.47)	ND(0.52)
Butylbenzylphthalate		930	ND(4.6)	NA	ND(0.47)	ND(0.66)
Chrysene		56	20	NA	ND(0.47)	0.51 J
Diallate		7.3	ND(4.6)	NA	ND(0.95)	ND(1.1)
Dibenzo(a,h)anthracene		0.056	1.2 J	NA	ND(0.47)	ND(0.66)
Dibenzofuran		2.10	1.7 J	NA	ND(0.47)	0.15 J
Diethylphthalate		44000	ND(4.6)	NA	ND(0.47)	ND(0.66)
Dimethylphthalate		100000	ND(4.6)	NA	ND(0.47)	ND(0.66)
Di-n-Butylphthalate		5500	ND(4.6)	NA	ND(0.47)	ND(0.66)
Di-n-Octylphthalate		1100	ND(4.6)	NA	ND(0.47)	ND(0.66)
Diphenylamine		1400	ND(4.6)	NA	ND(0.47)	ND(0.66)
Ethyl Methanesulfonate		Not Listed	ND(4.6)	NA	ND(0.47)	ND(0.66)
Fluoranthene		2000	56	NA	ND(0.47)	1.7
Fluorene		1800	3.5 J	NA	ND(0.47)	0.24 J
Hexachlorobenzene		0.28	ND(4.6)	NA	ND(0.47)	ND(0.66)
Hexachlorobutadiene		5.7	ND(4.6)	NA	ND(0.47)	ND(0.66)
Hexachlorocyclopentadiene		380	ND(4.6) J	NA	ND(0.47) J	ND(0.66) J
Hexachloroethane		32	ND(4.6)	NA	ND(0.47)	ND(0.66)
Hexachlorophene		16	ND(9.3)	NA	ND(0.95) J	ND(1.3) J
Hexachloropropene		Not Listed	ND(4.6)	NA	ND(0.47)	ND(0.66)
Indeno(1,2,3-cd)pyrene		0.56	6.6	NA	ND(0.47)	ND(0.66)
Isoflrin		Not Listed	ND(4.6)	NA	ND(0.47)	ND(0.66)
Isophorone		470	ND(4.6)	NA	ND(0.47)	ND(0.66)
Isosafrole		Not Listed	ND(4.6)	NA	ND(0.95)	ND(1.1)
Methapyrene		55	ND(4.6)	NA	ND(0.95)	ND(1.1)
Methyl Methanesulfonate		Not Listed	ND(4.6)	NA	ND(0.47)	ND(0.66)
Naphthalene		55	ND(4.6)	NA	ND(0.47)	0.17 J
Nitrobenzene		16	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosodimethylamine		0.003	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosodimethylamine		0.0087	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitroso-di-n-butylamine		0.022	ND(4.6)	NA	ND(0.95)	ND(1.1)
N-Nitroso-di-n-propylamine		0.063	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosodiphenylamine		91	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosomethylphenylamine		0.02	ND(4.6)	NA	ND(0.95)	ND(1.1)
N-Nitrosomorpholine		0.21	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosopiperidine		0.21	ND(4.6)	NA	ND(0.47)	ND(0.66)
N-Nitrosopyrrolidine		0.21	ND(4.6)	NA	ND(0.95)	ND(1.1)
o,o-o-Triethylphosphorothioate		11	ND(4.6)	NA	ND(0.47)	ND(0.66)
o-Toluidine		1.9	ND(4.6)	NA	ND(0.47)	ND(0.66)
p-Dimethylaminoazobenzene		0.99	ND(4.6)	NA	ND(0.95)	ND(1.1)
Pentachlorobenzene		44	ND(4.6)	NA	ND(0.47)	ND(0.66)
Pentachloroethane		2.8	ND(4.6)	NA	ND(0.47)	ND(0.66)
Pentachloronitrobenzene		1.7	ND(4.6)	NA	ND(0.95)	ND(1.1)
Pentachlorophenol		2.5	ND(23)	NA	ND(2.4)	ND(3.3)

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth (Feet): Date Collected:	Data Type: Location ID: Sample ID:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
				19-9-9-SB-2 19-9-9-SB-2 7-9 03/08/05	19-9-9-SB-2 19-9-9-SB-2 7-9 03/11/05	19-9-9-SB-2-W 19-9-9-SB-2-W 7-9 10/26/05	19-9-9-SB-3 19-9-9-SB-3 0-1 06/20/03
Semi-volatile Organics (Continued)							
Phenacetin		640	ND(4.6)	NA	NA	ND(0.95)	ND(1.1)
Phenanthrene		55	40	NA	NA	ND(0.47)	1.8
Phenol		33000	ND(4.6)	NA	NA	ND(0.47)	ND(0.66)
Propamide		4100	ND(4.6)	NA	NA	ND(0.47)	ND(0.66)
Pyrene		1500	47	NA	NA	ND(0.47)	1.4
Pyridine		55	ND(4.6)	NA	NA	ND(0.47)	ND(0.66)
Safrole		Not Listed	ND(4.6)	NA	NA	ND(0.47) J	ND(0.66)
Thionazin		330	ND(4.6)	NA	NA	ND(0.47)	ND(0.66)
Herbicides							
Dinoseb		55	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		Not Applicable	0.000039 YI	NA	NA	NA	ND(0.00042) XY
TCDFs (total)		Not Applicable	0.00044	NA	NA	NA	0.0018
1,2,3,7,8-PeCDF		Not Applicable	0.000016	NA	NA	NA	0.00047 I
2,3,4,7,8-PeCDF		Not Applicable	0.000023	NA	NA	NA	ND(0.000078) X
PeCDFs (total)		Not Applicable	0.000078	NA	NA	NA	0.00075
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032	NA	NA	NA	0.0032 I
1,2,3,6,7,8-HxCDF		Not Applicable	0.000029 I	NA	NA	NA	0.00035
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000015)	NA	NA	NA	0.000022
2,3,4,6,7,8-HxCDF		Not Applicable	0.000022	NA	NA	NA	0.00010
HxCDFs (total)		Not Applicable	0.00063	NA	NA	NA	0.0062
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062	NA	NA	NA	0.00065
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000099	NA	NA	NA	0.00028
HpCDFs (total)		Not Applicable	0.00015	NA	NA	NA	0.0010
OCDF		Not Applicable	0.000073	NA	NA	NA	0.00062
Dioxins							
2,3,7,8-TCDD		Not Applicable	0.00000093 J	NA	NA	NA	ND(0.000042)
TCDDs (total)		Not Applicable	0.000012	NA	NA	NA	0.00010
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000025)	NA	NA	NA	ND(0.000048)
PeCDDs (total)		Not Applicable	0.0000038	NA	NA	NA	ND(0.000048)
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000038 J	NA	NA	NA	0.000039
1,2,3,6,7,8-HxCDD		Not Applicable	0.000012	NA	NA	NA	0.000053
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000075	NA	NA	NA	0.000053
HxCDDs (total)		Not Applicable	0.000076	NA	NA	NA	0.00014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00021	NA	NA	NA	0.00041
HpCDDs (total)		Not Applicable	0.00042	NA	NA	NA	0.00077
OCDD		Not Applicable	0.00015	NA	NA	NA	0.0014
Total TEQs (WHO TEFs)		Not Applicable	0.000032	NA	NA	NA	0.00049
Inorganics							
Antimony		30	1.20 B	NA	NA	NA	2.20 B
Arsenic		0.38	7.50	NA	NA	NA	6.10
Barium		5200	240	NA	NA	NA	130
Beryllium		150	0.350 B	NA	NA	NA	0.0980 B
Cadmium		37	1.10	NA	NA	NA	4.90
Chromium		210	16.0	NA	NA	NA	23.0
Cobalt		3300	9.00	NA	NA	NA	4.70 B
Copper		2800	1700	NA	NA	NA	240
Cyanide		11	0.250 B	NA	NA	NA	0.950
Lead		400	650	NA	NA	15.0	330
Mercury		22	0.260	NA	NA	NA	1.70
Nickel		1500	18.0	NA	NA	NA	41.0
Selenium		370	1.80	NA	NA	NA	1.80
Silver		370	ND(1.00)	NA	NA	NA	9.30
Sulfide		350	22.0	NA	NA	NA	970
Thallium		6	ND(1.40)	NA	NA	NA	ND(1.60) J
Tin		45000	11.0	NA	NA	NA	65.0
Vanadium		520	16.0	NA	NA	NA	14.0
Zinc		22000	560	NA	NA	NA	450

**TABLE E-7
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-9-SB-3 19-9-9-SB-3 1-3 06/20/03	PDI 19-9-9-SB-3-W 19-9-9-SB-3-W 1-3 10/26/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0075)	NA
1,1,1-Trichloroethane		680	ND(0.0075)	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0075)	NA
1,1,2-Trichloroethane		0.82	ND(0.0075)	NA
1,1-Dichloroethane		570	ND(0.0075)	NA
1,1-Dichloroethene		0.052	ND(0.0075)	NA
1,2,3-Trichloropropane		0.0014	ND(0.0075)	NA
1,2,4-Trichlorobenzene		480	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0075)	NA
1,2-Dibromoethane		0.0049	ND(0.0075)	NA
1,2-Dichlorobenzene		370	NA	NA
1,2-Dichloroethane		0.34	ND(0.0075)	NA
1,2-Dichloropropane		0.34	ND(0.0075)	NA
1,3-Dichlorobenzene		41	NA	NA
1,4-Dichlorobenzene		3	NA	NA
1,4-Dioxane		40	ND(0.15) J	NA
2-Butanone		6900	ND(0.015)	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0075)	NA
2-Chloroethylvinylether		0.18	ND(0.0075)	NA
2-Hexanone		750	ND(0.015)	NA
3-Chloropropene		2700	ND(0.0075)	NA
4-Methyl-2-pentanone		750	ND(0.015)	NA
Acetone		1400	ND(0.030)	NA
Acetonitrile		200	ND(0.15) J	NA
Acrolein		0.1	ND(0.15) J	NA
Acrylonitrile		0.19	ND(0.0075)	NA
Benzene		0.62	ND(0.0075)	NA
Bromodichloromethane		0.98	ND(0.0075)	NA
Bromoform		56	ND(0.0075)	NA
Bromomethane		3.8	ND(0.0075)	NA
Carbon Disulfide		350	ND(0.0075)	NA
Carbon Tetrachloride		0.23	ND(0.0075)	NA
Chlorobenzene		54	ND(0.0075)	NA
Chloroethane		1600	ND(0.0075)	NA
Chloroform		0.24	ND(0.0075)	NA
Chloromethane		1.2	ND(0.0075)	NA
cis-1,2-Dichloroethene		42	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0075)	NA
Dibromochloromethane		5.3	ND(0.0075)	NA
Dibromomethane		550	ND(0.0075)	NA
Dichlorodifluoromethane		94	ND(0.0075)	NA
Ethyl Methacrylate		140	ND(0.0075)	NA
Ethylbenzene		230	ND(0.0075)	NA
Freon 12		Not Listed	NA	NA
Iodomethane		1.2	ND(0.0075) J	NA
Isobutanol		10000	ND(0.15) J	NA
m&p-Xylene		210	NA	NA
Methacrylonitrile		1.8	ND(0.0075)	NA
Methyl Methacrylate		2200	ND(0.0075)	NA
Methyl tert-butyl ether		Not Listed	NA	NA
Methylene Chloride		8.5	ND(0.0075)	NA
Naphthalene		55	NA	NA
o-Xylene		280	NA	NA
Propionitrile		200	ND(0.015)	NA
Styrene		1700	ND(0.0075)	NA
Tetrachloroethene		4.7	ND(0.0075)	NA
Toluene		520	ND(0.0075)	NA
trans-1,2-Dichloroethene		62	ND(0.0075)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-9-9-SB-3 19-9-9-SB-3 1-3 06/20/03	19-9-9-SB-3-W 19-9-9-SB-3-W 1-3 10/26/05
Volatile Organics (continued)				
trans-1,3-Dichloropropene	Not Listed		ND(0.0075)	NA
trans-1,4-Dichloro-2-butene	Not Listed		ND(0.0075)	NA
Trichloroethene	2.7		ND(0.0075)	NA
Trichlorofluoromethane	380		ND(0.0075)	NA
Vinyl Acetate	420		ND(0.0075)	NA
Vinyl Chloride	0.021		ND(0.0075)	NA
Xylenes (total)	210		ND(0.0075)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	16		ND(0.61)	NA
1,2,4-Trichlorobenzene	480		ND(0.61)	NA
1,2-Dichlorobenzene	370		ND(0.61)	NA
1,2-Diphenylhydrazine	0.56		ND(0.61)	NA
1,3,5-Trinitrobenzene	1600		ND(0.61)	NA
1,3-Dichlorobenzene	41		ND(0.61)	NA
1,3-Dinitrobenzene	5.5		ND(1.0)	NA
1,4-Dichlorobenzene	3		ND(0.61)	NA
1,4-Naphthoquinone	55		ND(1.0)	NA
1-Naphthylamine	Not Listed		ND(1.0)	NA
2,3,4,6-Tetrachlorophenol	1600		ND(0.61)	NA
2,4,5-Trichlorophenol	5500		ND(0.61)	NA
2,4,6-Trichlorophenol	40		ND(0.61)	NA
2,4-Dichlorophenol	180		ND(0.61)	NA
2,4-Dimethylphenol	1100		ND(0.61)	NA
2,4-Dinitrophenol	110		ND(3.1) J	NA
2,6-Dinitrotoluene	110		0.38 J	NA
2,6-Dichlorophenol	160		ND(0.61)	NA
2,6-Dinitrotoluene	55		ND(0.61)	NA
2-Acetylaminofluorene	0.56		ND(1.0)	NA
2-Chloronaphthalene	3700		ND(0.61)	NA
2-Chlorophenol	59		ND(0.61)	NA
2-Methylnaphthalene	55		0.14 J	NA
2-Methylphenol	2700		ND(0.61)	NA
2-Naphthylamine	Not Listed		ND(1.0)	NA
2-Nitroaniline	3.3		ND(3.1)	NA
2-Nitrophenol	Not Listed		ND(1.0)	NA
2-Picoline	55		ND(0.61)	NA
3,8,4-Methylphenol	270		ND(1.0)	NA
3,3'-Dichlorobenzidine	0.99		ND(1.2)	NA
3,3'-Dimethylbenzidine	0.048		ND(0.61)	NA
3-Methylcholanthrene	0.056		ND(1.0)	NA
3-Nitroaniline	5.5		ND(3.1)	NA
4,6-Dinitro-2-methylphenol	55		ND(0.61)	NA
4-Aminobiphenyl	1400		ND(1.0)	NA
4-Bromophenyl-phenylether	160		ND(0.61)	NA
4-Chloro-3-Methylphenol	2700		ND(0.61)	NA
4-Chloroaniline	220		ND(0.61)	NA
4-Chlorobenzilate	1.6		ND(1.0)	NA
4-Chlorophenyl-phenylether	Not Listed		ND(0.61)	NA
4-Methylphenol	270		NA	NA
4-Nitroaniline	5.5		ND(2.5)	NA
4-Nitrophenol	3400		ND(3.1) J	NA
4-Nitroquinoline-1-oxide	110		ND(1.0)	NA
4-Phenylenediamine	10000		ND(1.0)	NA
5-Nitro-o-toluidine	13		ND(1.0)	NA
7,12-Dimethylbenz(a)anthracene	0.056		ND(1.0)	NA
a,a'-Dimethylphenethylamine	55		ND(1.0)	NA
Acenaphthene	2600		ND(0.61)	NA
Acenaphthylene	55		ND(0.61)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-9-SB-3 19-9-9-SB-3 1-3 06/20/03	PDI 19-9-9-SB-3-W 19-9-9-SB-3-W 1-3 10/26/05
Acetophenone		0.49	ND(0.61)	NA
Aniline		78	1.0	NA
Anthracene		14000	0.14 J	NA
Aranite		18	ND(1.0)	NA
Azobenzene		4	NA	NA
Benzidine		0.0019	ND(1.2)	NA
Benzo(a)anthracene		0.56	0.33 J	NA
Benzo(a)pyrene		0.056	0.24 J	NA
Benzo(b)fluoranthene		0.56	0.26 J	NA
Benzo(g,h,i)perylene		55	0.18 J	NA
Benzo(k)fluoranthene		5.6	0.20 J	NA
Benzyl Alcohol		16000	ND(1.2)	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.61)	NA
bis(2-Chloroethyl)ether		0.18	ND(0.61) J	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.49)	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.61)	NA
Butylbenzylphthalate		930	ND(0.61)	NA
Chrysene		56	0.42 J	NA
Diallate		7.3	ND(1.0)	NA
Dibenzo(a,h)anthracene		0.056	ND(0.61)	NA
Dibenzofuran		210	ND(0.61)	NA
Diethylphthalate		44000	ND(0.61)	NA
Dimethylphthalate		100000	ND(0.61)	NA
Di-n-Butylphthalate		5500	ND(0.61)	NA
Di-n-Octylphthalate		1100	ND(0.61)	NA
Diphenylamine		1400	ND(0.61)	NA
Ethyl Methanesulfonate		Not Listed	ND(0.61)	NA
Fluoranthene		2000	0.56 J	NA
Fluorene		1800	0.16 J	NA
Hexachlorobenzene		0.28	ND(0.61)	NA
Hexachlorobutadiene		5.7	ND(0.61)	NA
Hexachlorocyclopentadiene		380	ND(0.61) J	NA
Hexachloroethane		32	ND(0.61)	NA
Hexachlorophene		16	ND(1.2) J	NA
Hexachloropropene		Not Listed	ND(0.61)	NA
Indeno(1,2,3-cd)pyrene		0.56	0.18 J	NA
Isodrin		Not Listed	ND(0.61)	NA
Isophorone		470	ND(0.61)	NA
Isosafrole		Not Listed	ND(1.0)	NA
Methacrylonitrile		55	ND(1.0)	NA
Methyl Methanesulfonate		Not Listed	ND(0.61)	NA
Naphthalene		55	0.34 J	NA
Nitrobenzene		16	ND(0.61)	NA
N-Nitrosodimethylamine		0.003	ND(0.61)	NA
N-Nitrosodimethylamine		0.0087	ND(0.61)	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.0)	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.61)	NA
N-Nitrosodiphenylamine		91	ND(0.61)	NA
N-Nitrosomethylethylamine		0.02	ND(1.0)	NA
N-Nitrosomorpholine		0.21	ND(0.61)	NA
N-Nitrosopiperidine		0.21	ND(0.61)	NA
N-Nitrosopyrrolidine		0.21	ND(1.0)	NA
o,o-o-Triethylphosphorothioate		11	ND(0.61)	NA
o-Tolidine		1.9	ND(0.61)	NA
p-Dimethylaminoazobenzene		0.99	ND(1.0)	NA
Pentachlorobenzene		44	ND(0.61)	NA
Pentachloroethane		2.8	ND(0.61)	NA
Pentachloronitrobenzene		1.7	ND(1.0)	NA
Pentachlorophenol		2.5	ND(3.1)	NA

**TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-9-SB-3 19-9-9-SB-3 1-3 06/20/03	PDI 19-9-9-SB-3-W 19-9-9-SB-3-W 1-3 10/26/05
Phenacetin		640	ND(1.0)	NA
Phenanthrene		55	0.36 J	NA
Phenol		33000	ND(0.61)	NA
Pronamide		4100	ND(0.61)	NA
Pyrene		1500	0.85	NA
Pyridine		55	ND(0.61)	NA
Safrole		Not Listed	ND(0.61)	NA
Thionazin		330	ND(0.61)	NA
Herbicides				
Dinoseb		55	NA	NA
Furans				
2,3,7,8-TCDF		Not Applicable	ND(0.00054) XY	NA
TCDFs (total)		Not Applicable	0.0018	NA
1,2,3,7,8-PeCDF		Not Applicable	0.00069 I	NA
2,3,4,7,8-PeCDF		Not Applicable	0.00010	NA
PeCDFs (total)		Not Applicable	0.0013	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0036 I	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.00044	NA
1,2,3,7,8,9-HxCDF		Not Applicable	0.000028	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.000093	NA
HxCDFs (total)		Not Applicable	0.0069	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00079	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00044	NA
HpCDFs (total)		Not Applicable	0.0014	NA
OCDF		Not Applicable	0.0016	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.0000068)	NA
TCDDs (total)		Not Applicable	0.00052	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000029)	NA
PeCDDs (total)		Not Applicable	ND(0.000029)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	0.000053	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.000054	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.000050	NA
HxCDDs (total)		Not Applicable	0.00016	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00043	NA
HpCDDs (total)		Not Applicable	0.00084	NA
OCDD		Not Applicable	0.00093	NA
Total TEQs (WHO TEFS)		Not Applicable	0.00058	NA
Inorganics				
Antimony		30	4.80 B	NA
Arsenic		0.38	14.0	NA
Barium		5200	200	NA
Beryllium		150	0.120 B	NA
Cadmium		37	14.0	NA
Chromium		210	39.0	NA
Cobalt		3300	9.20	NA
Copper		2800	4.10	NA
Cyanide		11	0.970	NA
Lead		400	780	520
Mercury		22	2.00	NA
Nickel		1500	63.0	NA
Selenium		370	3.60	NA
Silver		370	4.20	NA
Sulfide		350	3900	ND(6.60)
Thallium		6	3.10 J	NA
Tin		45000	170	NA
Vanadium		520	14.0	NA
Zinc		22000	770	NA

TABLE E-7
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; EPA = EPA soil sampling. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

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

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

**TABLE E-3
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-9 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.059	6,900	No
Acetone	0.23	1,400	No
Carbon Disulfide	0.046	350	No
Methylene Chloride	0.005	8.5	No
Naphthalene	0.067	55	No
Toluene	0.002	520	No
Trichlorofluoromethane	0.0062	380	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.054	480	No
2,4-Dinitrotoluene	0.38	110	No
2-Methylnaphthalene	0.36	55*	No
4-Methylphenol	0.1	270	No
Acenaphthene	1.7	2,600	No
Acenaphthylene	1.3	55*	No
Aniline	1.6	78	No
Anthracene	9.4	14,000	No
Benzol(a)anthracene	21	0.56	Yes
Benzol(a)pyrene	16	0.056	Yes
Benzol(b)fluoranthene	12	0.56	Yes
Benzol(g,h,i)perylene	7.4	55*	No
Benzol(k)fluoranthene	14	5.6	Yes
bis(2-Ethylhexyl)phthalate	0.54	32	No
Chrysene	20	56	No
Dibenzol(a,h)anthracene	1.2	0.056	Yes
Dibenzofuran	1.7	210	No
Fluoranthene	56	2,000	No
Fluorene	3.5	1,800	No
Indeno(1,2,3-cd)pyrene	6.6	0.56	Yes
Naphthalene	3.2	55	No
Phenanthrene	40	55*	No
Pyrene	47	1,500	No
Inorganics			
Antimony	4.8	30	No
Arsenic	14	0.38	Yes
Barium	1,240	5,200	No
Beryllium	0.35	150	No
Cadmium	14	37	No
Chromium	39.8	210	No
Cobalt	11	3,300	No
Copper	1,700	2,800	No
Cyanide	0.97	11*	No
Lead	780	400	Yes
Mercury	2	22	No
Nickel	63	1,500	No
Selenium	3.6	370	No
Silver	9.3	370	No
Sulfide	3,900	350*	Yes
Thallium	4.3	6	No
Tin	439	45,000	No
Vanadium	17	520	No
Zinc	2,320	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-9
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-9: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feeet): Date Collected:	19-9-9-SB-2 0-1 03/11/05	19-9-9-SB-3 0-1 06/20/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzol(a)anthracene	0.52	0.48	N/A (See Note 5)	0.50	7	No
Benzol(b)pyrene	0.54	0.36	N/A (See Note 5)	0.45	2	No
Benzol(b)fluoranthene	0.41	0.31	N/A (See Note 5)	0.36	7	No
Benzol(k)fluoranthene	0.59	0.20	N/A (See Note 5)	0.40	70	No
Dibenzol(a,h)anthracene	0.061	0.33	N/A (See Note 5)	0.20	0.7	No
Indeno(1,2,3-cd)pyrene	0.22	0.33	N/A (See Note 5)	0.28	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.80E-06	4.90E-04	4.90E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	6.80	6.10	N/A (See Note 5)	6.45	20	No
Lead	120	330	N/A (See Note 5)	225	300	No
Sulfide	23.0	970	N/A (See Note 5)	497	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-10
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-9-SB-3 1-3 06/20/03	19-9-9-SB-3-W 1-3 10/26/05	COMP-19-9-SB-3 1-3 (See Note 1)	19-9-9-SB-2 5-7 03/08/05	19-9-9-SB-2/ BH001031 (See Note 2)	19-9-9-SB-2-W 7-9 10/26/05
Semivolatile Organics						
Benzol(a)anthracene	0.33	--	--	1.2	12	0.24
Benzol(a)pyrene	0.24	--	--	1.0	9.0	0.24
Benzol(b)fluoranthene	0.26	--	--	1.1	7.0	0.24
Benzol(k)fluoranthene	0.20	--	--	1.1	7.9	0.24
Dibenzol(a,h)anthracene	0.31	--	--	0.40	0.8	0.24
Indenol(1,2,3-cd)pyrene	0.18	--	--	0.41	3.9	0.24
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.80E-04	--	--	8.50E-06	3.20E-05	--
Inorganics						
Arsenic	14.0	--	--	5.90	9.05	--
Lead	780	520	650	170	557	15.0
Sulfide	3.900	3.30	1.952	45.0	22.0	--
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	COMP-19-9-SB-2/ BH001031 (See Note 3)	Maximum Sample Result	Arithmetic Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)	
Benzol(a)anthracene	5.9	N/A (See Note 8)	2.5	7	No	
Benzol(a)pyrene	4.6	N/A (See Note 8)	1.9	2	No	
Benzol(b)fluoranthene	3.6	N/A (See Note 8)	1.7	7	No	
Benzol(k)fluoranthene	4.0	N/A (See Note 8)	1.8	70	No	
Dibenzol(a,h)anthracene	0.51	N/A (See Note 8)	0.40	0.7	No	
Indenol(1,2,3-cd)pyrene	2.1	N/A (See Note 8)	0.89	7	No	
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	5.80E-04	N/A (See Note 8)	1.00E-03	No	
Inorganics						
Arsenic	--	N/A (See Note 8)	9.65	20	No	
Lead	286	N/A (See Note 8)	369	300	Yes	
Sulfide	--	N/A (See Note 8)	673	633*	Yes	

Notes:

- The lead and sulfide results presented for this sample location represents the average results from the following samples (depth, date collected):
 19-9-9-SB-3-W (1-3'; 10/26/05), and 19-9-9-SB-3 (1-3'; 10/26/05).
- The SVOC, arsenic, and lead results presented are the average of those observed in EPA sample SL-BH001031-0-0070 and GE sample 19-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment. The Total TEQs and sulfide results presented were observed in GE sample 19-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment.
- The SVOC and lead results presented for this sample location represent the average result from the following samples (depth, date collected):
 19-9-9-SB-2W (7-9'; 10/26/05), and 19-9-9-SB-2/BH001031 (7-9'; 3/8/05) (refer to note 2 regarding this sample).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-11
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-9: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (feet): Date Collected:	19-9-9-SB-3 1-3 06/20/03	19-9-9-SB-3-W 1-3 10/26/05	COMP-19-9-9-SB-3 1-3 (See Note 1)	19-9-9-SB-2 5-7 03/08/05	19-9-9-SB-2/ BH001031 (See Note 2)	19-9-9-SB-2-W 7-9 10/26/05
Semivolatile Organics						
Benzol(a)anthracene	0.33	--	--	1.2	0.198	0.24
Benzol(e)pyrene	0.24	--	--	1.0	0.198	0.24
Benzol(b)fluoranthene	0.26	--	--	1.1	0.198	0.24
Benzol(k)fluoranthene	0.20	--	--	1.1	0.198	0.24
Dibenzol(a,h)anthracene	0.31	--	--	0.40	0.256	0.24
Indenol(1,2,3-cd)pyrene	0.18	--	--	0.41	0.256	0.24
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.80E-04	--	--	8.50E-06	3.20E-05	--
Inorganics						
Arsenic	14.0	--	--	5.90	9.05	--
Lead	6.24	520	263	170	6.24	15.0
Sulfide	42.9	3.30	23	45.0	22.0	--
Semivolatile Organics						
Sample ID: Sample Depth (feet): Date Collected:	COMP-19-9-9-SB-2/ BH001031 (See Note 3)	Maximum Sample Result	Arithmetic Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)	
Benzol(a)anthracene	0.22	N/A (See Note 8)	0.58	7	No	
Benzol(e)pyrene	0.22	N/A (See Note 8)	0.49	2	No	
Benzol(b)fluoranthene	0.22	N/A (See Note 8)	0.53	7	No	
Benzol(k)fluoranthene	0.22	N/A (See Note 8)	0.51	70	No	
Dibenzol(a,h)anthracene	0.25	N/A (See Note 8)	0.32	0.7	No	
Indenol(1,2,3-cd)pyrene	0.25	N/A (See Note 8)	0.28	7	No	
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	5.80E-04	N/A (See Note 8)	1.00E-03	No	
Inorganics						
Arsenic	--	N/A (See Note 8)	9.65	20	No	
Lead	10.6	N/A (See Note 8)	148	300	No	
Sulfide	--	N/A (See Note 8)	30.0	633*	No	

Notes:

- The lead and sulfide results presented for this sample location represents the average results from the following samples (depth, date collected):
19-9-9-SB-3-W (1-3'; 10/26/05), and 19-9-9-SB-3 (1-3'; 10/26/05).
- The SVOC and Inorganic results presented are the average of those observed in EPA sample SL-BH001031-0-0070 and GE sample 19-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment. The Total TEQ concentration presented was observed in GE sample 19-9-9-SB-2 collected on 3/8/2005 from the 7-9' depth increment.
- The SVOC and lead results presented for this sample location represent the average result from the following samples (depth, date collected):
19-9-9-SB-2W (7-9'; 10/26/05), and 19-9-9-SB-2/BH001031 (7-9'; 3/8/05) (refer to note 2 regarding this sample).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) for all PCDD/F/CDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS BBL

Parcel 19-9-9 (non-bank)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-1	19-9-9-SB-1	19-9-9-SB-1	19-9-9-SB-1
			0-1 06/23/03	3-5 06/23/03	3-5 03/08/05	7-9 03/08/05
Volatiles Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,1,1-Trichloroethane		680	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,1,2-Trichloroethane		0.82	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,1-Dichloroethane		570	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,1-Dichloroethene		0.052	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,2,3-Trichloropropane		0.0014	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,2-Dibromoethane		0.0049	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,2-Dichloroethane		0.34	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,2-Dichloropropane		0.34	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
1,4-Dioxane		40	ND(0.14) J	NA	ND(0.11)	ND(0.15)
2-Butanone		6900	ND(0.014)	NA	ND(0.011)	ND(0.015)
2-Chloro-1,3-butadiene		3.6	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
2-Chloroethylvinylether		0.18	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
2-Hexanone		750	ND(0.014)	NA	ND(0.011)	ND(0.015)
3-Chloropropene		2700	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
4-Methyl-2-pentanone		750	ND(0.014)	NA	ND(0.011)	ND(0.015)
Acetone		1400	ND(0.028)	NA	ND(0.021)	ND(0.031)
Acetonitrile		200	ND(0.14) J	NA	ND(0.11)	ND(0.15)
Acrolein		0.1	ND(0.14) J	NA	ND(0.11)	ND(0.15)
Acrylonitrile		0.19	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Benzene		0.62	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Bromodichloromethane		0.98	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Bromoform		56	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Bromomethane		3.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Carbon Disulfide		350	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Carbon Tetrachloride		0.23	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Chloroethane		54	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Chlorobenzene		1600	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Chloroform		0.24	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Chloromethane		1.2	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
cis-1,3-Dichloropropene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Dibromochloromethane		5.3	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Dibromomethane		550	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Dichlorodifluoromethane		94	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Ethyl Methacrylate		140	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Ethylbenzene		230	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Iodomethane		1.2	ND(0.0070) J	NA	ND(0.0053)	ND(0.0077)
Isobutanol		10000	ND(0.14) J	NA	ND(0.11)	ND(0.15)
Methacrylonitrile		1.8	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Methyl Methacrylate		2200	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Methylene Chloride		8.5	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Propionitrile		200	ND(0.014)	NA	ND(0.011)	ND(0.015)
Styrene		1700	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Tetrachloroethene		4.7	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Toluene		520	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
trans-1,2-Dichloroethene		62	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
trans-1,3-Dichloropropene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Trichloroethene		2.7	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Trichlorofluoromethane		380	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Vinyl Acetate		420	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Vinyl Chloride		0.021	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)
Xylenes (total)		210	ND(0.0070)	NA	ND(0.0053)	ND(0.0077)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-1	19-9-9-SB-1	19-9-9-SB-1	19-9-9-SB-1
			0-1 06/23/03	3-5 06/23/03	3-5 03/08/05	7-9 03/08/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,2,4-Trichlorobenzene		480	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,2-Dichlorobenzene		370	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,2-Diphenylhydrazine		0.56	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,3,5-Trinitrobenzene		1600	ND(0.50) J	ND(0.58) J	NA	ND(5.1)
1,3-Dichlorobenzene		41	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,3-Dinitrobenzene		5.5	ND(0.94)	ND(1.0)	NA	ND(5.1)
1,4-Dichlorobenzene		3	ND(0.50)	ND(0.58)	NA	ND(5.1)
1,4-Naphthoquinone		55	ND(0.94)	ND(1.0)	NA	ND(5.1)
1-Naphthylamine		Not Listed	ND(0.94)	ND(1.0)	NA	ND(5.1)
2,3,4,6-Tetrachlorophenol		1600	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,4,5-Trichlorophenol		5500	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,4,6-Trichlorophenol		40	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,4-Dichlorophenol		160	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,4-Dimethylphenol		1100	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,4-Dinitrophenol		110	ND(2.5) J	ND(2.9) J	NA	ND(26)
2,4-Dinitrotoluene		110	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,6-Dichlorophenol		160	ND(0.50)	ND(0.58)	NA	ND(5.1)
2,6-Dinitrotoluene		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
2-Acetylaminofluorene		0.56	ND(0.94)	ND(1.0)	NA	ND(5.1)
2-Chloronaphthalene		3700	ND(0.50)	ND(0.58)	NA	ND(5.1)
2-Chlorophenol		59	ND(0.50)	ND(0.58)	NA	ND(5.1)
2-Methylnaphthalene		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
2-Naphthylamine		2700	0.22 J	0.12 J	NA	ND(5.1)
2-Nitroaniline		Not Listed	ND(0.94) J	ND(1.0) J	NA	ND(5.1)
2-Nitrophenol		3.3	ND(2.5)	ND(2.9)	NA	ND(26)
2-Nitrophenol		Not Listed	ND(0.94)	ND(1.0)	NA	ND(5.1)
2-Picoline		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
3&4-Methylphenol		270	1.2	0.49 J	NA	ND(5.1)
3,3'-Dichlorobenzidine		0.99	0.13 J	ND(1.2)	NA	ND(10)
3,3'-Dimethylbenzidine		0.048	ND(0.50)	ND(0.58)	NA	ND(5.1)
3-Methylcholanthrene		0.056	ND(0.94)	ND(1.0)	NA	ND(5.1)
3-Nitroaniline		5.5	ND(2.5)	ND(2.9)	NA	ND(26)
4,6-Dinitro-2-methylphenol		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
4-Aminobiphenyl		1400	ND(0.94)	ND(1.0)	NA	ND(5.1)
4-Bromophenyl-phenylether		160	ND(0.50)	ND(0.58)	NA	ND(5.1)
4-Chloro-3-Methylphenol		2700	ND(0.50)	ND(0.58)	NA	ND(5.1)
4-Chloroaniline		220	ND(0.50)	ND(0.58)	NA	ND(5.1)
4-Chlorobenzilate		1.6	ND(0.94)	ND(1.0)	NA	ND(5.1)
4-Chlorophenyl-phenylether		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
4-Nitroaniline		5.5	ND(2.4)	ND(2.6)	NA	ND(5.1)
4-Nitroquinline-1-oxide		3400	ND(2.5) J	ND(2.9) J	NA	ND(26)
4-Phenylenediamine		110	ND(0.94)	ND(1.0)	NA	ND(5.1)
5-Nitro-o-toluidine		10000	ND(0.94)	ND(1.0)	NA	ND(5.1)
7,12-Dimethylbenz(a)anthracene		13	ND(0.94)	ND(1.0)	NA	ND(5.1)
a.a-Dimethylphenethylamine		0.056	ND(0.94)	ND(1.0)	NA	ND(5.1)
Acenaphthene		55	ND(0.94)	ND(1.0)	NA	ND(5.1)
Acenaphthylene		2600	1.8	8.5	NA	ND(5.1)
Acetophenone		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
Aniline		0.49	ND(0.50)	ND(0.58)	NA	ND(5.1)
Anthracene		78	0.32 J	3.9	NA	ND(5.1)
Aramid		14000	ND(0.50)	ND(0.58)	NA	ND(5.1)
Benzidine		18	ND(0.94)	ND(1.0)	NA	ND(5.1)
Benzol(a)anthracene		0.0019	ND(1.0)	ND(1.2)	NA	ND(10)
Benzol(a)pyrene		0.56	ND(0.50)	ND(0.58)	NA	0.79 J
Benzol(b)fluoranthene		0.56	ND(0.50)	ND(0.58)	NA	0.64 J
Benzol(g,h,i)perylene		55	ND(0.50)	ND(0.58)	NA	0.59 J
Benzol(k)fluoranthene		5.6	ND(0.50)	ND(0.58)	NA	ND(5.1)
Benzyl Alcohol		16000	ND(1.0)	ND(1.2)	NA	ND(10)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-1 0-1 06/23/03	19-9-9-SB-1 3-5 06/23/03	19-9-9-SB-1 3-5 03/08/05	19-9-9-SB-1 7-9 03/08/05
Semi-volatile Organics (Continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
bis(2-Chloroethyl)ether		0.18	ND(0.50) J	ND(0.58) J	NA	ND(5.1)
bis(2-Chloroisopropyl)ether		2.5	ND(0.50) J	ND(0.58) J	NA	ND(5.1)
bis(2-Ethylhexyl)phthalate		32	ND(0.46)	ND(0.50)	NA	ND(2.6)
Butylbenzylphthalate		930	ND(0.50)	ND(0.58)	NA	ND(5.1)
Chrysene		56	ND(0.50)	0.14 J	NA	0.88 J
Diallate		7.3	ND(0.94)	ND(1.0)	NA	ND(5.1)
Dibenzo(a,h)anthracene		0.056	ND(0.50)	ND(0.58)	NA	ND(5.1)
Dibenzofuran		210	ND(0.50)	ND(0.58)	NA	ND(5.1)
Diethylphthalate		44000	ND(0.50)	ND(0.58)	NA	ND(5.1)
Dimethylphthalate		100000	ND(0.50)	ND(0.58)	NA	ND(5.1)
Dn-n-Butylphthalate		5500	ND(0.50)	ND(0.58)	NA	ND(5.1)
Dn-n-Octylphthalate		1100	ND(0.50)	ND(0.58)	NA	ND(5.1)
Diphenylamine		1400	ND(0.50)	ND(0.58)	NA	ND(5.1)
Ethyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
Fluoranthene		2000	ND(0.50)	0.28 J	NA	1.4 J
Fluorene		1800	ND(0.50)	ND(0.58)	NA	ND(5.1)
Hexachlorobenzene		0.28	ND(0.50)	ND(0.58)	NA	ND(5.1)
Hexachlorobutadiene		5.7	ND(0.50)	ND(0.58)	NA	ND(5.1)
Hexachlorocyclopentadiene		380	ND(0.50) J	ND(0.58) J	NA	ND(5.1)
Hexachloroethane		32	ND(0.50)	ND(0.58)	NA	ND(5.1)
Hexachlorophene		16	ND(1.0) J	ND(1.2) J	NA	ND(10)
Hexachloropropene		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
Indenol(1,2,3-cd)pyrene		0.56	ND(0.50)	ND(0.58)	NA	ND(5.1)
Isodrin		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
Isophorone		470	ND(0.50)	ND(0.58)	NA	ND(5.1)
Isosafrole		Not Listed	ND(0.94)	ND(1.0)	NA	ND(5.1)
Methapyrene		55	ND(0.94)	ND(1.0)	NA	ND(5.1)
Methyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.58)	NA	ND(5.1)
Naphthalene		55	0.29 J	0.38 J	NA	ND(5.1)
Nitrobenzene		16	0.15 J	ND(0.58)	NA	ND(5.1)
N-Nitrosodimethylamine		0.003	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitrosodimethylamine		0.0087	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitroso-di-n-butylamine		0.022	ND(0.94)	ND(1.0)	NA	ND(5.1)
N-Nitroso-di-n-propylamine		0.063	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitrosodiphenylamine		91	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitrosomethylamine		0.02	ND(0.94)	ND(1.0)	NA	ND(5.1)
N-Nitrosomorpholine		0.21	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitrosopiperidine		0.21	ND(0.50)	ND(0.58)	NA	ND(5.1)
N-Nitrosopyrrolidine		0.21	ND(0.94)	ND(1.0)	NA	ND(5.1)
o,o'-Triethylphosphorothioate		11	ND(0.50)	ND(0.58)	NA	ND(5.1)
o-Toluidine		1.9	ND(0.50)	ND(0.58)	NA	ND(5.1)
p-Dimethylaminoazobenzene		0.99	ND(0.94)	ND(1.0)	NA	ND(5.1)
Pentachlorobenzene		44	ND(0.50)	ND(0.58)	NA	ND(5.1)
Pentachloroethane		2.8	ND(0.50)	ND(0.58)	NA	ND(5.1)
Pentachloronitrobenzene		1.7	ND(0.94)	ND(1.0)	NA	ND(5.1)
Pentachlorophenol		2.5	ND(2.9)	ND(2.9)	NA	ND(26)
Phenacetin		640	ND(0.94)	ND(1.0)	NA	ND(5.1)
Phenanthrene		55	ND(0.50)	0.16 J	NA	0.73 J
Phenol		33000	ND(0.50)	ND(0.58)	NA	ND(5.1)
Pronamide		4100	ND(0.50)	ND(0.58)	NA	ND(5.1)
Pyrene		1500	ND(0.50)	0.31 J	NA	1.6 J
Pyridine		55	ND(0.50)	ND(0.58)	NA	ND(5.1)
Safrole		Not Listed	ND(0.50) J	ND(0.58) J	NA	ND(5.1)
Thionazin		330	ND(0.50)	ND(0.58)	NA	ND(5.1)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-1 0-1 06/23/03	19-9-9-SB-1 3-5 06/23/03	19-9-9-SB-1 3-5 03/08/05	19-9-9-SB-1 7-9 03/08/05
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.00037) XY	NA	0.0000221 Y1	0.000017 Y
TCDFs (total)		Not Applicable	0.0019	NA	0.000015	0.00016
1,2,3,7,8-PeCDF		Not Applicable	0.00079 I	NA	ND(0.00000092)	0.0000066 J
2,3,4,7,8-PeCDF		Not Applicable	0.000033	NA	ND(0.0000015)	0.0000080
PeCDFs (total)		Not Applicable	0.0011	NA	0.000011	0.000084
1,2,3,4,7,8-HxCDF		Not Applicable	0.0018 I	NA	ND(0.0000016)	0.0000080
1,2,3,6,7,8-HxCDF		Not Applicable	0.00019	NA	ND(0.00000091)	0.0000052 J
1,2,3,7,8,9-HxCDF		Not Applicable	0.000017	NA	ND(0.00000024)	ND(0.00000095)
2,3,4,6,7,8-HxCDF		Not Applicable	0.00013	NA	ND(0.00000076)	0.0000044 J
HxCDFs (total)		Not Applicable	0.0040	NA	0.000010	0.000063
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00076	NA	0.0000066	0.000018
1,2,3,4,7,8-HpCDF		Not Applicable	0.00030	NA	ND(0.00000038)	ND(0.0000018)
HpCDFs (total)		Not Applicable	0.0012	NA	0.000017	0.000024
OCDF		Not Applicable	0.0013	NA	0.000015	0.000014 J
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000017)	NA	ND(0.00000028)	ND(0.00000038)
TCDDs (total)		Not Applicable	0.00015	NA	ND(0.00000028)	0.0000044
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000053)	NA	ND(0.00000034)	ND(0.00000072)
PeCDDs (total)		Not Applicable	ND(0.0000053)	NA	ND(0.00000043)	ND(0.0000031)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000033)	NA	ND(0.00000016)	ND(0.00000042)
1,2,3,6,7,8-HxCDD		Not Applicable	0.000023	NA	ND(0.00000060)	ND(0.0000012)
1,2,3,7,8,9-HxCDD		Not Applicable	0.000014	NA	ND(0.00000031)	ND(0.0000014)
HxCDDs (total)		Not Applicable	0.000037	NA	ND(0.0000014)	0.0000092
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00036	NA	0.000014	0.0000074
HpCDDs (total)		Not Applicable	0.00071	NA	0.000024	0.000015
OCDD		Not Applicable	0.0031	NA	0.00011	0.000032
Total TEQs (WHO TEFs)		Not Applicable	0.00031	NA	0.0000014	0.0000088
Inorganics						
Antimony	30		ND(6.00)	NA	ND(6.00)	2.00 B
Arsenic	0.38		3.90	NA	7.10	8.30
Barium	5200		95.0	NA	26.0	1100
Beryllium	150		ND(0.500)	NA	0.210 B	0.340 B
Cadmium	37		2.30	NA	0.440 B	2.70
Chromium	210		24.0	NA	12.0	17.0
Cobalt	3300		5.60	NA	12.0	9.30
Copper	2800		150	NA	30.0	130
Cyanide	11		0.280	NA	0.120 B	0.750
Lead	400		340	NA	82.0	730
Mercury	22		0.790	NA	0.0300 B	1.30
Nickel	1500		23.0	NA	22.0	25.0
Selenium	370		ND(1.00) J	NA	1.60	3.20
Silver	370		2.30	NA	0.160 B	0.310 B
Sulfide	350		1200	NA	710	25.0
Thallium	6		ND(1.40) J	NA	ND(1.10)	ND(1.50)
Tin	45000		23.0	NA	3.80 B	97.0
Vanadium	520		20.0	NA	11.0	12.0
Zinc	22000		290	NA	150	2900

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PARCEL 19-9-9 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-9	19-9-9-SB-9
			0-1 03/08/05	1-3 03/08/05
Volatile Organics				
1,1,1,2,2-Tetrachloroethane		2.8	ND(0.0062)	ND(0.0056)
1,1,1-Trichloroethane		680	ND(0.0062)	ND(0.0056)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0062)	ND(0.0056)
1,1,2-Trichloroethane		0.82	ND(0.0062)	ND(0.0056)
1,1-Dichloroethane		570	ND(0.0062)	ND(0.0056)
1,1-Dichloroethene		0.052	ND(0.0062)	ND(0.0056)
1,2,3-Trichloropropane		0.0014	ND(0.0062)	ND(0.0056)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0062)	ND(0.0056)
1,2-Dibromoethane		0.0049	ND(0.0062)	ND(0.0056)
1,2-Dichloroethane		0.34	ND(0.0062)	ND(0.0056)
1,2-Dichloropropane		0.34	ND(0.0062)	ND(0.0056)
1,4-Dioxane		40	ND(0.11)	ND(0.11)
2-Butanone		6900	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0062)	ND(0.0056)
2-Chloroethylvinylether		0.18	ND(0.0062)	ND(0.0056)
2-Hexanone		750	ND(0.012)	ND(0.011)
3-Chloropropene		2700	ND(0.0062)	ND(0.0056)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011)
Acetone		1400	ND(0.025)	ND(0.022)
Acetonitrile		200	ND(0.12)	ND(0.11)
Acrolein		0.1	ND(0.12)	ND(0.11)
Acrylonitrile		0.19	ND(0.0062)	ND(0.0056)
Benzene		0.62	ND(0.0062)	ND(0.0056)
Bromodichloromethane		0.98	ND(0.0062)	ND(0.0056)
Bromoforn		56	ND(0.0062)	ND(0.0056)
Bromomethane		3.8	ND(0.0062)	ND(0.0056)
Carbon Disulfide		350	ND(0.0062)	ND(0.0056)
Carbon Tetrachloride		0.23	ND(0.0062)	ND(0.0056)
Chlorobenzene		54	ND(0.0062)	ND(0.0056)
Chloroethane		1600	ND(0.0062)	ND(0.0056)
Chloroform		0.24	ND(0.0062)	ND(0.0056)
Chloromethane		1.2	ND(0.0062)	ND(0.0056)
cis-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.0056)
Dibromochloromethane		5.3	ND(0.0062)	ND(0.0056)
Dibromomethane		550	ND(0.0062)	ND(0.0056)
Dichlorodifluoromethane		94	ND(0.0062)	ND(0.0056)
Ethyl Methacrylate		140	ND(0.0062)	ND(0.0056)
Ethylbenzene		230	ND(0.0062)	ND(0.0056)
Iodomethane		1.2	ND(0.0062)	ND(0.0056)
Isobutanol		10000	ND(0.12)	ND(0.11)
Methacrylonitrile		1.8	ND(0.0062)	ND(0.0056)
Methyl Methacrylate		2200	ND(0.0062)	ND(0.0056)
Methylene Chloride		8.5	ND(0.0062)	ND(0.0056)
Propionitrile		200	ND(0.012)	ND(0.011)
Styrene		1700	ND(0.0062)	ND(0.0056)
Tetrachloroethene		4.7	ND(0.0062)	ND(0.0056)
Toluene		520	ND(0.0062)	ND(0.0056)
trans-1,2-Dichloroethene		62	ND(0.0062)	ND(0.0056)
trans-1,3-Dichloropropene		Not Listed	ND(0.0062)	ND(0.0056)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0062)	ND(0.0056)
Trichloroethane		2.7	ND(0.0062)	ND(0.0056)
Trichlorofluoromethane		380	ND(0.0062)	ND(0.0056)
Vinyl Acetate		420	ND(0.0062)	ND(0.0056)
Vinyl Chloride		0.021	ND(0.0062)	ND(0.0056)
Xylenes (total)		210	ND(0.0062)	ND(0.0056)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-9 0-1 03/08/05	19-9-9-SB-9 1-3 03/08/05
Semi-volatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.41)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.41)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.41)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.41)	ND(0.37)
1,3,5-Trinitrobenzene		1600	ND(0.41)	ND(0.37)
1,3-Dichlorobenzene		41	ND(0.41)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.82)	ND(0.75)
1,4-Dichlorobenzene		3	ND(0.41)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.82)	ND(0.75)
1-Naphthylamine		Not Listed	ND(0.82)	ND(0.75)
2,3,4,6-Tetrachlorophenol		1600	ND(0.41)	ND(0.37)
2,4,5-Trichlorophenol		5500	ND(0.41)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.41)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.41)	ND(0.37)
2,4-Dimethylphenol		1100	ND(0.41)	ND(0.37)
2,4-Dinitrophenol		110	ND(2.1)	ND(1.9)
2,4-Dinitrotoluene		110	ND(0.41)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.41)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.41)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.82)	ND(0.75)
2-Chloronaphthalene		3700	ND(0.41)	ND(0.37)
2-Chlorophenol		59	ND(0.41)	ND(0.37)
2-Methylnaphthalene		55	ND(0.41)	ND(0.37)
2-Methylphenol		2700	ND(0.41)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.82)	ND(0.75)
2-Nitroaniline		3.3	ND(2.1)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.82)	ND(0.75)
2-Picoline		55	ND(0.41)	ND(0.37)
3,8,4-Methylphenol		270	0.062 J	ND(0.75)
3,3'-Dichlorobenzidine		0.99	ND(0.82)	ND(0.75)
3,3'-Dimethylbenzidine		0.048	ND(0.41)	ND(0.37)
3-Methylcholanthrene		0.056	ND(0.82)	ND(0.75)
3-Nitroaniline		5.5	ND(2.1)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.41)	ND(0.37)
4-Aminobiphenyl		1400	ND(0.82)	ND(0.75)
4-Bromophenyl-phenylether		160	ND(0.41)	ND(0.37)
4-Chloro-3-Methylphenol		2700	ND(0.41)	ND(0.37)
4-Chloroaniline		220	ND(0.41)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.82)	ND(0.75)
4-Chlorophenyl-phenylether		Not Listed	ND(0.41)	ND(0.37)
4-Nitroaniline		5.5	ND(2.1)	ND(1.9)
4-Nitrophenol		3400	ND(2.1)	ND(1.9)
4-Nitroquinoline-1-oxide		110	ND(0.82)	ND(0.75)
4-Phenylenediamine		10000	ND(0.82)	ND(0.75)
5-Nitro-o-toluidine		13	ND(0.82)	ND(0.75)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.82)	ND(0.75)
a,a'-Dimethylphenethylamine		55	ND(0.82)	ND(0.75)
Acenaphthene		2600	ND(0.41)	ND(0.37)
Acenaphthylene		55	ND(0.41)	0.10 J
Acetophenone		0.49	ND(0.41)	ND(0.37)
Aniline		78	ND(0.41)	ND(0.37)
Anthracene		14000	0.057 J	0.053 J
Aramid		18	ND(0.82)	ND(0.75)
Benzidine		0.0019	ND(0.82)	0.25 J
Benzof(a)anthracene		0.56	0.20 J	0.25 J
Benzof(a)pyrene		0.056	0.17 J	0.26 J
Benzof(b)fluoranthene		0.56	0.16 J	0.24 J
Benzof(g,h,i)perylene		55	0.086 J	0.16 J
Benzof(k)fluoranthene		5.6	0.18 J	0.25 J
Benzyl Alcohol		16000	ND(0.82)	ND(0.75)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-9-SB-9 0-1 03/08/05	19-9-9-SB-9 1-3 03/08/05
Semi-volatile Organics (Continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.41)	ND(0.37)
bis(2-Chloroethyl)ether		0.18	ND(0.41)	ND(0.37)
bis(2-Chloroisopropyl)ether		2.5	ND(0.41)	ND(0.37)
bis(2-Ethylhexyl)phthalate		32	ND(0.41)	0.33 J
Butybenzylphthalate		930	ND(0.41)	ND(0.37)
Chrysene		56	0.22 J	0.28 J
Diallate		7.3	ND(0.82)	ND(0.75)
Dibenz(a,h)anthracene		0.056	ND(0.41)	0.045 J
Dibenzofuran		210	ND(0.41)	ND(0.37)
Diethylphthalate		44000	ND(0.41)	ND(0.37)
Dimethylphthalate		100000	ND(0.41)	ND(0.37)
Di-n-Butylphthalate		5500	ND(0.41)	ND(0.37)
Di-n-Octylphthalate		1100	ND(0.41)	ND(0.37)
Diphenylamine		1400	ND(0.41)	ND(0.37)
Ethyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.37)
Fluoranthene		2000	0.39 J	0.41
Fluorene		1800	ND(0.41)	ND(0.37)
Hexachlorobenzene		0.28	ND(0.41)	ND(0.37)
Hexachlorobutadiene		5.7	ND(0.41)	ND(0.37)
Hexachlorocyclopentadiene		380	ND(0.41)	ND(0.37)
Hexachloroethane		32	ND(0.41)	ND(0.37)
Hexachloropropane		16	ND(0.82)	ND(0.75)
Hexachloropropene		Not Listed	ND(0.41)	ND(0.37)
Indeno(1,2,3-cd)pyrene		0.56	0.077 J	0.13 J
Isodrin		Not Listed	ND(0.41)	ND(0.37)
Isophorone		470	ND(0.41)	ND(0.37)
Isosafrole		Not Listed	ND(0.82)	ND(0.75)
Methapyriene		55	ND(0.82)	ND(0.75)
Methyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.37)
Naphthalene		55	0.051 J	ND(0.37)
Nitrobenzene		16	ND(0.41)	ND(0.37)
N-Nitrosodiethylamine		0.003	ND(0.41)	ND(0.37)
N-Nitrosodimethylamine		0.0087	ND(0.41)	ND(0.37)
N-Nitroso-di-n-butylamine		0.022	ND(0.82)	ND(0.75)
N-Nitroso-di-n-propylamine		0.063	ND(0.41)	ND(0.37)
N-Nitrosodiphenylamine		91	ND(0.41)	ND(0.37)
N-Nitrosomethylethylamine		0.02	ND(0.82)	ND(0.75)
N-Nitrosomorpholine		0.21	ND(0.41)	ND(0.37)
N-Nitrosopiperidine		0.21	ND(0.41)	ND(0.37)
N-Nitrosopyrrolidine		0.21	ND(0.82)	ND(0.75)
o,o'-Triethylphosphorothioate		11	ND(0.41)	ND(0.37)
o-Toluidine		1.9	ND(0.41)	ND(0.37)
p-Dimethylaminoazobenzene		0.99	ND(0.82)	ND(0.75)
Pentachlorobenzene		44	ND(0.41)	ND(0.37)
Pentachloroethane		2.8	ND(0.41)	ND(0.37)
Pentachloronitrobenzene		1.7	ND(0.82)	ND(0.75)
Pentachlorophenol		2.5	ND(2.1)	ND(1.9)
Phenacetin		640	ND(0.82)	ND(0.75)
Phenanthrene		55	0.22 J	0.20 J
Phenol		33000	ND(0.41)	ND(0.37)
Pronamide		4100	ND(0.41)	ND(0.37)
Pyrene		1500	0.40 J	0.46
Pyridine		55	ND(0.41)	ND(0.37)
Safrole		Not Listed	ND(0.41)	ND(0.37)
Thionazin		330	ND(0.41)	ND(0.37)

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-9-SB-9 0-1 03/08/05	19-9-9-SB-9 1-3 03/08/05
Furans				
2,3,7,8-TCDF	Not Applicable		0.0000077 Y1	0.000015 Y1
TCDFs (total)	Not Applicable		0.000089	0.00016
1,2,3,7,8-PeCDD	Not Applicable		ND(0.0000037)	0.0000053 J
2,3,4,7,8-PeCDF	Not Applicable		0.0000084	0.0000077
PeCDFs (total)	Not Applicable		0.00029	0.00021
1,2,3,4,7,8-HxCDF	Not Applicable		0.0000072 J	0.0000088
1,2,3,6,7,8-HxCDF	Not Applicable		0.000010 I	0.0000096 I
1,2,3,7,8,9-HxCDF	Not Applicable		ND(0.0000021)	ND(0.0000093)
2,3,4,6,7,8-HxCDF	Not Applicable		0.000011	0.0000078
HxCDFs (total)	Not Applicable		0.00025	0.00017
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.000027	0.000043
1,2,3,4,7,8,9-HpCDF	Not Applicable		ND(0.0000022)	0.0000030 J
HpCDFs (total)	Not Applicable		0.000055	0.000099
OCDF	Not Applicable		0.000030	0.000062
Dioxins				
2,3,7,8-TCDD	Not Applicable		ND(0.00000035)	ND(0.00000023)
TCDDs (total)	Not Applicable		0.0000017	0.0000027
1,2,3,7,8-PeCDD	Not Applicable		ND(0.0000011)	ND(0.00000064)
PeCDDs (total)	Not Applicable		ND(0.0000035)	ND(0.0000037)
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.0000010)	ND(0.00000077)
1,2,3,6,7,8-HxCDD	Not Applicable		ND(0.0000026)	0.0000031 J
1,2,3,7,8,9-HxCDD	Not Applicable		ND(0.0000029)	ND(0.0000020)
HxCDDs (total)	Not Applicable		0.000019	0.000027
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.000046	0.000055
HpCDDs (total)	Not Applicable		0.000094	0.00011
OCDD	Not Applicable		0.00035	0.00042
Total TEQs (WHO TEFs)	Not Applicable		0.0000097	0.000010
Inorganics				
Antimony	30	0.940 B		ND(6.00)
Arsenic	0.38	5.90		6.40
Barium	5200	43.0		40.0
Beryllium	150	0.250 B		0.280 B
Cadmium	37	0.350 B		0.420 B
Chromium	210	11.0		9.60
Cobalt	3300	8.70		9.30
Copper	2800	29.0		28.0
Cyanide	11	0.220		0.140
Lead	400	100		120
Mercury	22	0.0880 B		0.140
Nickel	1500	18.0		18.0
Selenium	370	1.20		1.20
Silver	370	0.160 B		0.170 B
Sulfide	350	16.0		100
Thallium	6	ND(1.20)		ND(1.10)
Tin	45000	11.0		4.70 B
Vanadium	520	16.0		9.70
Zinc	22000	110		140

TABLE E-12
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-9 (NON-BANK)

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDFE) Interference.

X - Estimated Maximum Possible Concentration

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-13
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-9-9 (Non-Bank)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detected	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semi-volatile Organics			
2-Methylphenol	0.22	2,700	No
3&4-Methylphenol	1.2	270	No
3,3'-Dichlorobenzidine	0.13	0.99	No
Acenaphthene	8.5	2,600	No
Acenaphthylene	0.1	55*	No
Aniline	3.9	78	No
Anthracene	0.057	14,000	No
Benzo(a)anthracene	0.79	0.56	Yes
Benzo(a)pyrene	0.64	0.056	Yes
Benzo(b)fluoranthene	0.59	0.56	Yes
Benzo(g,h,i)perylene	0.16	55*	No
Benzo(k)fluoranthene	0.68	5.6	No
bis(2-Ethylhexyl)phthalate	0.33	32	No
Chrysene	0.88	56	No
Dibenz(a,h)anthracene	0.045	0.056	No
Fluoranthene	1.4	2,000	No
Indeno(1,2,3-cd)pyrene	0.13	0.56	No
Naphthalene	0.38	55	No
Nitrobenzene	0.15	16	No
Phenanthrene	0.73	55*	No
Pyrene	1.6	1,500	No
Inorganics			
Antimony	2	30	No
Arsenic	8.3	0.38	Yes
Barium	1,100	5,200	No
Beryllium	0.34	150	No
Cadmium	2.7	37	No
Chromium	24	210	No
Cobalt	12	3,300	No
Copper	150	2,800	No
Cyanide	0.75	11*	No
Lead	730	400	Yes
Mercury	1.3	22	No
Nickel	25	1,500	No
Selenium	3.2	370	No
Silver	2.3	370	No
Sulfide	1,200	350*	Yes
Tin	97	45,000	No
Vanadium	20	520	No
Zinc	2,900	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-14
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-9 - 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-9-SB-1 0-1 06/23/03	19-9-9-SB-9 0-1 03/08/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzol(a)anthracene	0.25	0.20	N/A (See Note 5)	0.23	7	No
Benzol(a)pyrene	0.25	0.17	N/A (See Note 5)	0.21	2	No
Benzol(b)fluoranthene	0.25	0.16	N/A (See Note 5)	0.21	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.10E-04	9.70E-06	3.10E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.90	5.90	N/A (See Note 5)	4.90	20	No
Lead	340	100	N/A (See Note 5)	220	300	No
Sulfide	1,200	16.0	N/A (See Note 5)	608	633*	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-15
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-9 - 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-9-SB-9 1-3 03/08/05	19-9-9-SB-1 3-5 (See Note 1)	19-9-9-SB-1 7-9 03/08/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics							
Benzol(a)anthracene	0.25	0.29	0.79	N/A (See Note 4)	0.44	7	No
Benzol(a)pyrene	0.26	0.29	0.64	N/A (See Note 4)	0.40	2	No
Benzol(b)fluoranthene	0.24	0.29	0.59	N/A (See Note 4)	0.37	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-05	1.40E-06	8.80E-06	1.00E-05	N/A (See Note 4)	1.00E-03	No
Inorganics							
Arsenic	6.40	7.10	8.30	N/A (See Note 4)	7.27	20	No
Lead	120	82.0	730	N/A (See Note 4)	311	300	Yes
Sulfide	100	710	25.0	N/A (See Note 4)	278	633*	No

Notes:

- The SVOC results were observed in sample 19-9-9-SB-1 collected on 6/23/03 from the 3-5' depth increment. The inorganic and Total TEQs results were observed in sample 19-9-9-SB-1 collected on 3/8/05 from the 3-5' depth increment.
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS BBL

Parcel 19-9-17 (bank)

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-1 0-1 06/25/03	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 0-1 06/25/03	19-9-17-SB-2 3-5 06/25/03
Volatile Organics						
1,1,1,2-tetrachloroethane		2.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,1-Trichloroethane		680	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,2,2-tetrachloroethane		0.36	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1,2-Trichloroethane		0.82	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1-Dichloroethane		570	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,1-Dichloroethene		0.052	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2,3-Trichloropropane		0.0014	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dibromoethane		0.0049	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dichloroethane		0.34	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,2-Dichloropropane		0.34	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
1,4-Dioxane		40	ND(0.013)	ND(0.16)	ND(0.012)	ND(0.013)
2-Butanone		6900	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
2-Chloroethylvinylether		0.18	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
2-Hexanone		750	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
3-Chloropropene		2700	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
Acetone		1400	ND(0.025)	0.032	ND(0.024)	ND(0.025)
Acetonitrile		200	ND(0.13)	ND(0.16)	ND(0.12)	ND(0.13)
Acrolein		0.1	ND(0.13)	ND(0.16)	ND(0.12)	ND(0.13)
Acrylonitrile		0.19	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Benzene		0.62	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromodichloromethane		0.98	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromoforn		56	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Bromomethane		3.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Carbon Disulfide		350	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Carbon Tetrachloride		0.23	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chlorobenzene		54	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloroethane		1600	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloroform		0.24	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Chloromethane		1.2	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
cis-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dibromochloromethane		5.3	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dibromomethane		550	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Dichlorodifluoromethane		94	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Ethyl Methacrylate		140	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Ethylbenzene		230	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Iodomethane		1.2	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Isobutanol		10000	ND(0.13)	ND(0.16)	ND(0.12)	ND(0.13)
Methacrylonitrile		1.8	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Methyl Methacrylate		2200	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Methylene Chloride		8.5	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Propionitrile		200	ND(0.013)	ND(0.016)	ND(0.012)	ND(0.013)
Styrene		1700	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Tetrachloroethane		4.7	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Toluene		520	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,2-Dichloroethane		62	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Trichloroethane		2.7	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Trichlorofluoromethane		380	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Vinyl Acetate		420	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Vinyl Chloride		0.021	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)
Xylenes (total)		210	ND(0.0063)	ND(0.0082)	ND(0.0060)	ND(0.0063)

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-1 0-1 06/25/03	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 0-1 06/25/03	19-9-17-SB-2 3-5 06/25/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2,4-Trichlorobenzene		480	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2-Dichlorobenzene		370	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,2-Diphenylhydrazine		0.56	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,3,5-Trinitrobenzene		1600	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
1,3-Dichlorobenzene		41	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,3-Dinitrobenzene		5.5	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
1,4-Dichlorobenzene		3	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
1,4-Naphthoquinone		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
1-Naphthylamine		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2,3,4,6-Tetrachlorophenol		1600	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4,5-Trichlorophenol		5500	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4,6-Trichlorophenol		40	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dichlorophenol		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dimethylphenol		1100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,4-Dinitrophenol		110	ND(2.5) J	ND(2.8) J	ND(2.2) J	ND(2.1) J
2,4-Dinitrotoluene		110	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,6-Dichlorophenol		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2,6-Dinitrotoluene		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Acetylaminofluorene		0.56	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2-Chloronaphthalene		3700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Chlorophenol		59	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylnaphthalene		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Methylphenol		2700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
2-Naphthylamine		Not Listed	ND(0.84) J	ND(1.1) J	ND(0.81) J	ND(0.85) J
2-Nitroaniline		3.3	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
2-Nitrophenol		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
2-Picoline		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
3&4-Methylphenol		270	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
3,3-Dichlorobenzidine		0.99	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
3,3-Dimethylbenzidine		0.048	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
3-Methylcholanthrene		0.056	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
3-Nitroaniline		5.5	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
4,6-Dinitro-2-methylphenol		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Aminobiphenyl		1400	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Bromophenyl-phenylether		160	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chloro-3-Methylphenol		2700	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chloroaniline		220	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Chlorobenzilate		1.6	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Chlorophenyl-phenylether		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
4-Nitroaniline		5.5	ND(2.1)	ND(2.8)	ND(2.0)	ND(2.1)
4-Nitrophenol		3400	ND(2.5) J	ND(2.8) J	ND(2.2) J	ND(2.1) J
4-Nitroquinoline-1-oxide		110	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
4-Phenylenediamine		10000	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
5-Nitro-o-toluidine		13	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
a,a-Dimethylphenethylamine		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Acenaphthene		2600	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Acenaphthylene		55	ND(0.50)	ND(0.55)	0.34 J	ND(0.42)
Acetophenone		0.49	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Aniline		78	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Anthracene		14000	ND(0.50)	ND(0.55)	1.1	0.17 J
Aramite		18	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Benzidine		0.0019	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)
Benzol(a)anthracene		0.56	ND(0.50)	ND(0.55)	3.6	0.44
Benzol(a)pyrene		0.056	ND(0.50)	0.13 J	3.0	0.44
Benzol(b)fluoranthene		0.56	ND(0.50)	ND(0.55)	2.2	0.40 J
Benzol(g,h)perylene		55	ND(0.50)	ND(0.55)	1.6	0.32 J
Benzol(k)fluoranthene		5.6	ND(0.50)	ND(0.55)	3.0	0.42 J
Benzyl Alcohol		16000	ND(1.0)	ND(1.1)	ND(0.88)	ND(0.85)

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-1 0-1 06/25/03	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 0-1 06/25/03	19-9-17-SB-2 3-5 06/25/03
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
bis(2-Chloroethyl)ether		0.18	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
bis(2-Ethylhexyl)phthalate		32	ND(0.42)	ND(0.54)	ND(0.40)	ND(0.42)
Butylbenzylphthalate		930	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Chrysene		56	ND(0.50)	0.16 J	3.4	0.59
Diallate		7.3	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Dibenzol(a,h)anthracene		0.056	ND(0.50)	ND(0.55)	0.41 J	ND(0.42)
Dibenzofuran		210	ND(0.50)	ND(0.55)	0.18 J	ND(0.42)
Diethylphthalate		44000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Dimethylphthalate		100000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Di-n-Butylphthalate		5500	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Di-n-Octylphthalate		1100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Diphenylamine		1400	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Ethyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Fluoranthene		2000	0.21 J	0.23 J	7.8	1.2
Fluorene		1800	ND(0.50)	ND(0.55)	0.30 J	ND(0.42)
Hexachlorobenzene		0.28	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachlorobutadiene		5.7	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachlorocyclopentadiene		380	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
Hexachloroethane		32	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Hexachloropropene		16	ND(1.0) J	ND(1.1) J	ND(0.88) J	0.23 J
Hexachloropropene		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Indenol (1,2,3-cd)pyrene		0.56	ND(0.50)	ND(0.55)	1.4	0.23 J
Isodrin		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Isophorone		470	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Isosafrole		Not Listed	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Methapyrene		55	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Methyl Methanesulfonate		Not Listed	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Naphthalene		55	ND(0.50)	ND(0.55)	0.22 J	ND(0.42)
Nitrobenzene		16	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosodimethylamine		0.003	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitroso-di-n-butylamine		0.0087	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitroso-di-n-propylamine		0.022	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
N-Nitroso-diphenylamine		0.063	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosodiphenylamine		91	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosomethylethylamine		0.02	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
N-Nitrosomorpholine		0.21	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosopiperidine		0.21	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
N-Nitrosopyrrolidine		0.21	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
o,o'-Triethylphosphorothioate		11	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
o-Toluidine		1.9	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
p-Dimethylaminoazobenzene		0.99	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Pentachlorobenzene		44	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pentachloroethane		2.8	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pentachloronitrobenzene		1.7	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Pentachlorophenol		2.5	ND(2.5)	ND(2.8)	ND(2.2)	ND(2.1)
Phenacetin		640	ND(0.84)	ND(1.1)	ND(0.81)	ND(0.85)
Phenanthrene		55	0.11 J	0.13 J	3.7	0.65
Phenol		33000	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pronamide		4100	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Pyrene		1500	0.19 J	0.26 J	6.8	1.1
Pyridine		55	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)
Safrole		Not Listed	ND(0.50) J	ND(0.55) J	ND(0.44) J	ND(0.42) J
Thionazin		330	ND(0.50)	ND(0.55)	ND(0.44)	ND(0.42)

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-1 0-1 06/25/03	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 0-1 06/25/03	19-9-17-SB-2 3-5 06/25/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000011) Y	0.000047 YI	0.000027 YI	0.0000084 Y
TCDFs (total)		Not Applicable	0.000016	0.0014	0.00024	0.000039
1,2,3,7,8-PeCDF		Not Applicable	0.0000063	0.00013	0.000077	ND(0.0000072) X
2,3,4,7,8-PeCDF		Not Applicable	0.0000036	0.000027	ND(0.000013) X	ND(0.0000050) X
PeCDFs (total)		Not Applicable	0.000047	0.00077	0.00026	0.000048
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.000014) X	0.00017 I	ND(0.000024) X	ND(0.0000054)
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000067	0.000040	0.000035	0.000016
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000072)	ND(0.0000017)	ND(0.0000012)	0.0000033
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000042) X	0.000015	0.000015	ND(0.000010) X
HxCDFs (total)		Not Applicable	0.00010	0.00052	0.00015	0.000074
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00011	0.00042	0.00010	0.00015
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000010	0.00012	0.000015	0.000040
HpCDFs (total)		Not Applicable	0.00013	0.00061	0.00012	0.00021
OCDF		Not Applicable	ND(0.00030) J	0.0040	0.00046	0.0016
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000080)	ND(0.0000014)	ND(0.0000089)	ND(0.0000065)
TCDDs (total)		Not Applicable	ND(0.00000080)	ND(0.0000014)	0.0000017	ND(0.0000065)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000012)	ND(0.0000030)	ND(0.0000013)	ND(0.0000087)
PeCDDs (total)		Not Applicable	0.0000022	ND(0.0000030)	ND(0.0000013)	ND(0.0000087)
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000027	ND(0.0000021)	ND(0.0000013) X	ND(0.0000058)
1,2,3,6,7,8-HxCDD		Not Applicable	0.000010	0.0000078	ND(0.0000048) X	ND(0.0000088) X
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000088	ND(0.0000019)	ND(0.0000056) X	ND(0.0000053)
HxCDDs (total)		Not Applicable	0.000054	0.0000078	0.0000058	0.0000030
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00017	0.00014	0.000066	0.000019
HpCDDs (total)		Not Applicable	0.00027	0.00023	0.00012	0.000030
OCDD		Not Applicable	0.0011 J	0.0011 J	0.00053 J	0.00011 J
Total TEQs (WHO TEFs)		Not Applicable	0.000010	0.000058	0.000020	0.0000078
Inorganics						
Aluminum		75000	NA	NA	NA	NA
Antimony		30	1.20 B	2.00 B	2.90 B	7.40
Arsenic		0.38	4.70	7.40	11.0	7.70
Barium		5200	55.0	210	150	53.0
Beryllium		150	0.120 J	0.330 J	0.220 J	0.160 J
Cadmium		37	0.640	1.50	0.780	0.340 B
Calcium		Not Listed	NA	NA	NA	NA
Chromium		210	14.0	10.0	14.0	8.10
Cobalt		3300	6.00	6.40	7.20	7.80
Copper		2800	41.0	70.0	90.0	60.0
Cyanide		11	0.400	0.950	0.130	0.120 B
Iron		22000	NA	NA	NA	NA
Lead		400	130	310	460	850
Magnesium		Not Listed	NA	NA	NA	NA
Manganese		3100	NA	NA	NA	NA
Mercury		22	0.270	0.590	1.50	0.360
Nickel		1500	13.0	14.0	14.0	13.0
Potassium		Not Listed	NA	NA	NA	NA
Selenium		370	1.30 J	2.00 J	1.50 J	1.60 J
Silver		370	0.230 B	0.690 B	0.570 B	0.300 B
Sodium		Not Listed	NA	NA	NA	NA
Sulfide		350	18.0	21.0	12.0	50.0
Thallium		6	ND(1.30)	ND(1.60)	ND(1.20)	ND(1.30)
Tin		45000	20.0	28.0	30.0	17.0
Vanadium		520	9.00	21.0	15.0	10.0
Zinc		22000	130	350	270	110

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-2-E	19-9-17-SB-2-S	19-9-17-SB-2-W
			3-5 10/25/05	3-5 03/14/07	3-5 10/25/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-2-E	19-9-17-SB-2-S	19-9-17-SB-2-W
			3-5 10/25/05	3-5 03/14/07	3-5 10/25/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA
2-Picoline		55	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA	NA
3,3-Dimethylbenzidine		0.048	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA
4-Phenylendiamine		10000	NA	NA	NA
5-Nitro-3-toluidine		13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA
a,a-Dimethylphenethylamine		55	NA	NA	NA
Acenaphthylene		2600	NA	NA	NA
Acetophenone		55	NA	NA	NA
Acetophenone		0.49	NA	NA	NA
Aniline		78	NA	NA	NA
Anthracene		14000	NA	NA	NA
Azartite		18	NA	NA	NA
Benzidine		0.0019	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-2-E 3-5 10/25/05	19-9-17-SB-2-S 3-5 03/14/07	19-9-17-SB-2-W 3-5 10/25/05
Semi-volatile Organics (Continued)					
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA
Chrysene		56	NA	NA	NA
Diallate		7.3	NA	NA	NA
Dibenz(a,h)anthracene		0.056	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA
Diphenylamine		1400	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA
Fluoranthene		2000	NA	NA	NA
Fluorene		1800	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA
Hexachloroethane		32	NA	NA	NA
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA
Methapyriene		55	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA
Naphthalene		55	NA	NA	NA
Nitrobenzene		16	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA
O,O'-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA
Phenacetin		640	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Phenol		33000	NA	NA	NA
Pronamide		4100	NA	NA	NA
Pyrene		1500	NA	NA	NA
Pyridine		55	NA	NA	NA
Safrole		Not Listed	NA	NA	NA
Thionazin		330	NA	NA	NA

TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-17-SB-2-E 3-5 10/25/05	19-9-17-SB-2-S 3-5 03/14/07	19-9-17-SB-2-W 3-5 10/25/05
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Aluminum	75000		NA	12500 [13300]	NA
Antimony	30		NA	ND(4.27) J [ND(4.46) J]	NA
Arsenic	0.38		NA	12.6 [12.7]	NA
Barium	5200		NA	96.5 [78.9]	NA
Beryllium	150		NA	1.41 J [ND(1.12) J]	NA
Cadmium	37		NA	ND(1.07) J [ND(1.12) J]	NA
Calcium	Not Listed		NA	15600 J [31900 J]	NA
Chromium	210		NA	15.9 [13.9]	NA
Cobalt	3300		NA	11.4 [11.6]	NA
Copper	2800		NA	71.8 [49.8]	NA
Cyanide	11		NA	NA	NA
Iron	22000		NA	27500 [29400]	NA
Lead	400		NA	198 [148]	180 [170]
Magnesium	Not Listed		NA	9690 [13100]	NA
Manganese	3100		NA	501 [765]	NA
Mercury	22		NA	0.271 J [0.129 J]	NA
Nickel	1500		NA	22.5 [21.3]	NA
Potassium	Not Listed		NA	987 [761]	NA
Selenium	370		NA	ND(2.14) J [ND(2.23) J]	NA
Silver	370		NA	ND(1.07) [ND(1.12)]	NA
Sulfide	Not Listed		NA	2970 [2070]	NA
Sulfur	350		NA	NA	NA
Thallium	6		NA	ND(1.07) [ND(1.12)]	NA
Tin	45000		NA	NA	NA
Vanadium	520		NA	18.0 [14.9]	NA
Zinc	22000		NA	217 [163]	NA

**TABLE E-16
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-17 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated Maximum Possible Concentration

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-17
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-17

CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detected	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics	0.032	1,400	No
Semivolatile Organics			
Acetone			
Acenaphthylene	0.34	55*	No
Anthracene	1.1	14,000	No
Benzol(a)anthracene	3.6	0.56	Yes
Benzol(a)pyrene	3	0.056	Yes
Benzol(b)fluoranthene	2.2	0.56	Yes
Benzol(g,h,i)perylene	1.6	55*	No
Benzol(k)fluoranthene	3	5.6	No
Chrysene	3.4	56	No
Dibenzol(a,h)anthracene	0.41	0.056	Yes
Dibenzofuran	0.18	210	No
Fluoranthene	7.8	2,000	No
Fluorene	0.3	1,800	No
Hexachlorophene	0.23	16	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Naphthalene	0.22	55	No
Phenanthrene	3.7	55*	No
Pyrene	6.8	1,500	No
Inorganics			
Antimony	7.4	30	No
Arsenic	12.7	0.38	Yes
Barium	210	5,200	No
Beryllium	1.41	150	No
Cadmium	1.5	37	No
Chromium	15.9	210	No
Cobalt	11.6	3,300	No
Copper	90	2,800	No
Cyanide	0.95	11*	No
Lead	850	400	Yes
Mercury	1.5	22	No
Nickel	22.5	1,500	No
Selenium	2	370	No
Silver	0.69	370	No
Sulfide	50	350*	No
Tin	30	45,000	No
Vanadium	21	520	No
Zinc	350	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-18
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-17: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-17-SB-1 0-1 06/25/03	19-9-17-SB-2 0-1 06/25/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzol(a)anthracene	0.25	3.6	N/A (See Note 5)	1.9	7	No
Benzol(a)pyrene	0.25	3.0	N/A (See Note 5)	1.6	2	No
Benzol(b)fluoranthene	0.25	2.2	N/A (See Note 5)	1.2	7	No
Dibenzol(a,h)anthracene	0.25	0.41	N/A (See Note 5)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	0.25	1.4	N/A (See Note 5)	0.83	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.00E-05	2.00E-05	2.00E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	4.70	11.0	N/A (See Note 5)	7.85	20	No
Lead	130	460	N/A (See Note 5)	295	300	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-19
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-17: 1- TO X-FOOT [X=5] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 3-5 06/25/03	19-9-17-SB-2-E 3-5 10/25/05	19-9-17-SB-2-W 3-5 10/25/05	19-9-17-SB-2-S 3-5 03/14/07
Semivolatile Organics					
Benzo(a)anthracene	0.28	0.44	--	--	--
Benzo(a)pyrene	0.13	0.44	--	--	--
Benzo(b)fluoranthene	0.28	0.40	--	--	--
Dibenzo(a,h)anthracene	0.28	0.21	--	--	--
Indeno(1,2,3-cd)pyrene	0.28	0.23	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.80E-05	7.80E-06	--	--	--
Inorganics					
Arsenic	7.40	7.70	--	--	12.7
Lead	310	850	680	175	173
Sample ID: Sample Depth(Feet): Date Collected:	COMP-19-9-17-SB-2 3-5 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Benzo(a)anthracene	--	N/A (See Note 6)	0.36	7	No
Benzo(a)pyrene	--	N/A (See Note 6)	0.29	2	No
Benzo(b)fluoranthene	--	N/A (See Note 6)	0.34	7	No
Dibenzo(a,h)anthracene	--	N/A (See Note 6)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	--	N/A (See Note 6)	0.26	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	5.80E-05	N/A (See Note 6)	1.00E-03	No
Inorganics					
Arsenic	10.2	N/A (See Note 6)	8.79	20	No
Lead	470	N/A (See Note 6)	390	300	Yes

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-17-SB-2-E (3-5'; 10/25/05), 19-9-17-SB-2-W (3-5'; 10/25/05), 19-9-17-SB-2-S (3-5'; 3/14/07), and 19-9-17-SB-2 (3-5'; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

TABLE E-20
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-17: 1- TO X-FOOT [X=5] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-17-SB-1 1-3 06/25/03	19-9-17-SB-2 3-5 06/25/03	19-9-17-SB-2-E 3-5 10/25/05	19-9-17-SB-2-W 3-5 10/25/05	19-9-17-SB-2-S 3-5 03/14/07
Semivolatile Organics					
Benzol(a)anthracene	0.28	0.44	--	--	--
Benzol(a)pyrene	0.13	0.44	--	--	--
Benzol(b)fluoranthene	0.28	0.40	--	--	--
Dibenzol(a,h)anthracene	0.28	0.21	--	--	--
Indeno(1,2,3-cd)pyrene	0.28	0.23	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEQs)	5.80E-05	7.80E-06	--	--	--
Inorganics					
Arsenic	7.40	7.70	--	--	12.7
Lead	310	6.24	680	175	173
Semivolatile Organics					
Sample ID: Sample Depth(Feet): Date Collected:	COMP-19-9-17-SB-2 3-5 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Benzol(a)anthracene	--	N/A (See Note 6)	0.36	7	No
Benzol(a)pyrene	--	N/A (See Note 6)	0.29	2	No
Benzol(b)fluoranthene	--	N/A (See Note 6)	0.34	7	No
Dibenzol(a,h)anthracene	--	N/A (See Note 6)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	--	N/A (See Note 6)	0.26	7	No
Dioxins/Furans					
Total TEQs (WHO TEQs)	--	5.80E-05	N/A (See Note 6)	1.00E-03	No
Inorganics					
Arsenic	10.2	N/A (See Note 6)	8.79	20	No
Lead	259	N/A (See Note 6)	284	300	No

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth, date collected):
19-9-17-SB-2-E (3-5; 10/25/05), 19-9-17-SB-2-W (3-5; 10/25/05), 19-9-17-SB-2-S (3-5; 3/14/07), and 19-9-17-SB-2 (3-5; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS BBL

Parcel 19-9-18 (bank)

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-1	19-9-18-SB-1	19-9-18-SB-1-S	19-9-18-SB-1-S
			0-1 06/25/03	1-3 06/25/03	0-1 06/01/06	1-3 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0091)	ND(0.0082)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0091)	ND(0.0082)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0091)	ND(0.0082)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0091)	ND(0.0082)	NA	NA
1,1-Dichloroethane		570	ND(0.0091)	ND(0.0082)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0091)	ND(0.0082)	NA	NA
1,2,3-Trichloropropene		0.0014	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dibromo-3-chloropropene		0.32	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0091)	ND(0.0082)	NA	NA
1,2-Dichloropropene		0.34	ND(0.0091)	ND(0.0082)	NA	NA
1,4-Dioxane		40	ND(0.18) J	ND(0.16) J	NA	NA
2-Butanone		6900	ND(0.18)	ND(0.16)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0091)	ND(0.0082)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0091)	ND(0.0082)	NA	NA
2-Hexanone		750	ND(0.018)	ND(0.016)	NA	NA
3-Chloropropene		2700	ND(0.0091)	ND(0.0082)	NA	NA
4-Methyl-2-pentanone		750	ND(0.018)	ND(0.016)	NA	NA
Acetone		1400	ND(0.036)	ND(0.033)	NA	NA
Acetonitrile		200	ND(0.18) J	ND(0.16) J	NA	NA
Acrolein		0.1	ND(0.18) J	ND(0.16) J	NA	NA
Acrylonitrile		0.19	ND(0.0091)	ND(0.0082)	NA	NA
Benzene		0.62	ND(0.0091)	ND(0.0082)	NA	NA
Bromodichloromethane		0.98	ND(0.0091)	ND(0.0082)	NA	NA
Bromoform		56	ND(0.0091)	ND(0.0082)	NA	NA
Bromomethane		3.8	ND(0.0091)	ND(0.0082)	NA	NA
Carbon Disulfide		350	ND(0.0091) J	ND(0.0082) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.0091)	ND(0.0082)	NA	NA
Chlorobenzene		54	ND(0.0091)	ND(0.0082)	NA	NA
Chloroethane		1600	ND(0.0091)	ND(0.0082)	NA	NA
Chloroform		0.24	ND(0.0091)	ND(0.0082)	NA	NA
Chloromethane		1.2	ND(0.0091)	ND(0.0082)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
Dibromochloromethane		5.3	ND(0.0091)	ND(0.0082)	NA	NA
Dibromomethane		550	ND(0.0091)	ND(0.0082)	NA	NA
Dichlorodifluoromethane		94	ND(0.0091)	ND(0.0082)	NA	NA
Ethyl Methacrylate		140	ND(0.0091)	ND(0.0082)	NA	NA
Ethylbenzene		230	ND(0.0091)	ND(0.0082)	NA	NA
Iodobenzene		1.2	ND(0.0091) J	ND(0.0082) J	NA	NA
Isobutanol		10000	ND(0.18) J	ND(0.16) J	NA	NA
Methacrylonitrile		1.8	ND(0.0091)	ND(0.0082)	NA	NA
Methyl Methacrylate		2200	ND(0.0091)	ND(0.0082)	NA	NA
Methylene Chloride		8.5	ND(0.0091)	ND(0.0082)	NA	NA
Propionitrile		200	ND(0.018)	ND(0.016)	NA	NA
Styrene		1700	ND(0.0091)	ND(0.0082)	NA	NA
Tetrachloroethene		4.7	ND(0.0091)	ND(0.0082)	NA	NA
Toluene		520	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0091)	ND(0.0082)	NA	NA
Trichloroethene		2.7	ND(0.0091)	ND(0.0082)	NA	NA
Trichlorofluoromethane		380	ND(0.0091)	ND(0.0082)	NA	NA
Vinyl Acetate		420	ND(0.0091)	ND(0.0082)	NA	NA
Vinyl Chloride		0.021	ND(0.0091)	ND(0.0082)	NA	NA
Xylenes (total)		210	ND(0.0091)	ND(0.0082)	NA	NA

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-1	19-9-18-SB-1	19-9-18-SB-1-S	19-9-18-SB-1-S
			0-1 06/25/03	1-3 06/25/03	0-1 06/01/06	1-3 10/25/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.64)	ND(0.65) J	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.64)	ND(0.65)	NA	NA
1,2-Dichlorobenzene		370	ND(0.64)	ND(0.65)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.64)	ND(0.65)	NA	NA
1,3,5-Trinitrobenzene		1600	ND(0.64) J	ND(0.65) J	NA	NA
1,3-Dinitrobenzene		41	ND(0.64)	ND(0.65)	NA	NA
1,4-Dichlorobenzene		5.5	ND(1.2)	ND(1.1)	NA	NA
1,4-Naphthoquinone		3	ND(0.64)	ND(0.65)	NA	NA
1-Naphthylamine		55	ND(1.2)	ND(1.1)	NA	NA
2,3,4,6-Tetrachlorophenol		Not Listed	ND(1.2)	ND(1.1)	NA	NA
2,4,5-Trichlorophenol		1600	ND(0.64)	ND(0.65)	NA	NA
2,4,6-Trichlorophenol		5500	ND(0.64)	ND(0.65)	NA	NA
2,4,6-Trichlorophenol		40	ND(0.64)	ND(0.65)	NA	NA
2,4-Dichlorophenol		160	ND(0.64)	ND(0.65)	NA	NA
2,4-Dimethylphenol		1100	ND(0.64)	ND(0.65)	NA	NA
2,4-Dinitrophenol		110	ND(3.2) J	ND(3.3) J	NA	NA
2,4-Dinitrofluorene		110	ND(0.64)	ND(0.65)	NA	NA
2,6-Dichlorophenol		160	ND(0.64)	ND(0.65)	NA	NA
2,6-Dinitrofluorene		55	ND(0.64)	ND(0.65)	NA	NA
2-Acetylaminofluorene		0.56	ND(1.2)	ND(1.1)	NA	NA
2-Chloronaphthalene		3700	ND(0.64)	ND(0.65)	NA	NA
2-Chlorophenol		59	ND(0.64)	ND(0.65)	NA	NA
2-Methylnaphthalene		55	ND(0.64)	ND(0.65)	NA	NA
2-Methylphenol		2700	ND(0.64)	ND(0.65)	NA	NA
2-Naphthylamine		Not Listed	ND(1.2) J	ND(1.1)	NA	NA
2-Nitroaniline		3.3	ND(3.2)	ND(3.3)	NA	NA
2-Nitrophenol		Not Listed	ND(1.2)	ND(1.1)	NA	NA
2-Picoline		55	ND(0.64)	ND(0.65)	NA	NA
3&4-Methylphenol		270	ND(1.2)	ND(1.1)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(1.3)	ND(1.3)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.64)	ND(0.65)	NA	NA
3-Methylcholanthrene		0.056	ND(1.2)	ND(1.1)	NA	NA
3-Nitroaniline		5.5	ND(3.2)	ND(3.3)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.64)	ND(0.65)	NA	NA
4-Aminobiphenyl		1400	ND(1.2)	ND(1.1)	NA	NA
4-Bromophenyl-p-phenylether		160	ND(0.64)	ND(0.65)	NA	NA
4-Chloro-3-Methylphenol		2700	ND(0.64)	ND(0.65)	NA	NA
4-Chloroaniline		220	ND(0.64)	ND(0.65)	NA	NA
4-Chlorobenzilate		1.6	ND(1.2)	ND(1.1) J	NA	NA
4-Chlorophenyl-p-phenylether		Not Listed	ND(0.64)	ND(0.65)	NA	NA
4-Nitroaniline		5.5	ND(3.1)	ND(2.8)	NA	NA
4-Nitrophenol		3400	ND(3.2) J	ND(3.3) J	NA	NA
4-Nitroquinoline-1-oxide		110	ND(1.2)	ND(1.1)	NA	NA
4-Phenylenediamine		10000	ND(1.2)	ND(1.1)	NA	NA
5-Nitro-o-toluidine		13	ND(1.2)	ND(1.1)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.2)	ND(1.1)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(1.2)	ND(1.1) J	NA	NA
Acenaphthene		2600	ND(0.64)	ND(0.65)	NA	NA
Acenaphthylene		55	ND(0.64)	0.31 J	NA	NA
Acetophenone		0.49	ND(0.64)	ND(0.65)	NA	NA
Aniline		78	ND(0.64)	0.48 J	NA	NA
Anthracene		14000	ND(0.64)	0.69	NA	NA
Azartine		18	ND(1.2)	ND(1.1)	NA	NA
Benzidine		0.0019	ND(1.3)	ND(1.3)	NA	NA
Benz(a)anthracene		0.56	0.13 J	1.0	NA	NA
Benz(a)pyrene		0.056	ND(0.64)	0.81	NA	NA
Benz(b)fluoranthene		55	ND(0.64)	0.79	NA	NA
Benz(g,h,i)perylene		55	ND(0.64)	0.35 J	NA	NA
Benz(k)fluoranthene		5.6	ND(0.64)	0.57 J	NA	NA
Benzyl Alcohol		16000	ND(1.3)	ND(1.3)	NA	NA

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-1	19-9-18-SB-1	19-9-18-SB-1-S	19-9-18-SB-1-S
			0-1 06/25/03	1-3 06/25/03	0-1 06/01/06	1-3 10/25/05
Semivolatile Organics (continued)						
Bis(2-Chloroethoxy)methane	Not Listed		ND(0.64)	ND(0.65)	NA	NA
Bis(2-Chloroethyl)ether	0.18		ND(0.64) J	ND(0.65) J	NA	NA
Bis(2-Chloroisopropyl)ether	2.5		ND(0.64) J	ND(0.65)	NA	NA
Bis(2-Ethylhexyl)phthalate	32		ND(0.60)	ND(0.54)	NA	NA
Butylbenzylphthalate	930		ND(0.64)	ND(0.65)	NA	NA
Chrysene	56		0.16 J	1.0	NA	NA
Diallate	7.3		ND(1.2)	ND(1.1)	NA	NA
Dibenz(a,h)anthracene	0.056		ND(0.64)	ND(0.65)	NA	NA
Dibenzofuran	210		ND(0.64)	0.19 J	NA	NA
Diethylphthalate	44000		ND(0.64)	ND(0.65)	NA	NA
Dimethylphthalate	100000		ND(0.64)	ND(0.65)	NA	NA
D,n-Butylphthalate	5500		ND(0.64)	ND(0.65)	NA	NA
D,n-Octylphthalate	1100		ND(0.64)	ND(0.65)	NA	NA
Diphenylamine	1400		ND(0.64)	ND(0.65)	NA	NA
Ethyl Methanesulfonate	Not Listed		ND(0.64)	ND(0.65)	NA	NA
Fluoranthene	2000		0.32 J	2.6	NA	NA
Fluorene	1800		ND(0.64)	0.59 J	NA	NA
Hexachlorobenzene	0.28		ND(0.64)	ND(0.65)	NA	NA
Hexachlorobutadiene	5.7		ND(0.64)	ND(0.65)	NA	NA
Hexachlorocyclopentadiene	380		ND(0.64) J	ND(0.65) J	NA	NA
Hexachloroethane	32		ND(0.64)	ND(0.65)	NA	NA
Hexachloropropane	16		ND(1.3) J	ND(1.3) J	NA	NA
Hexachloropyrene	Not Listed		ND(0.64)	ND(0.65)	NA	NA
Indeno(1,2,3-cd)pyrene	0.56		ND(0.64)	0.33 J	NA	NA
Isodrin	Not Listed		ND(0.64)	ND(0.65) J	NA	NA
Isophorone	470		ND(0.64)	ND(0.65)	NA	NA
Isosafrole	Not Listed		ND(1.2)	ND(1.1)	NA	NA
Methapylene	55		ND(1.2)	ND(1.1)	NA	NA
Methyl Methanesulfonate	Not Listed		ND(0.64)	ND(0.65)	NA	NA
Naphthalene	55		ND(0.64)	0.13 J	NA	NA
Nitrobenzene	16		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodimethylamine	0.003		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodimethylamine	0.0087		ND(0.64)	ND(0.65)	NA	NA
N-Nitroso-di-n-butylamine	0.022		ND(1.2)	ND(1.1)	NA	NA
N-Nitroso-di-n-propylamine	0.063		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosodiphenylamine	91		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosomethylamine	0.02		ND(1.2)	ND(1.1)	NA	NA
N-Nitrosomorpholine	0.21		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosopiperidine	0.21		ND(0.64)	ND(0.65)	NA	NA
N-Nitrosopyrrolidine	0.21		ND(1.2)	ND(1.1)	NA	NA
o,o,o-Triethylphosphorothioate	11		ND(0.64)	ND(0.65)	NA	NA
o-Tolidine	1.9		ND(0.64)	ND(0.65)	NA	NA
p-Dimethylaminoazobenzene	0.99		ND(1.2)	ND(1.1)	NA	NA
Pentachlorobenzene	44		ND(0.64)	ND(0.65) J	NA	NA
Pentachloroethane	2.8		ND(0.64)	ND(0.65)	NA	NA
Pentachloronitrobenzene	1.7		ND(1.2)	ND(1.1)	NA	NA
Pentachlorophenol	2.5		ND(3.2)	ND(3.3)	NA	NA
Phenanthrene	640		ND(1.2)	ND(1.1)	NA	NA
Phenanthrene	55		0.21 J	2.7	NA	NA
Phenol	33000		ND(0.64)	ND(0.65)	NA	NA
Promamide	4100		ND(0.64)	ND(0.65)	NA	NA
Pyrene	1500		0.29 J	2.4	NA	NA
Pyridine	55		ND(0.64)	ND(0.65)	NA	NA
Safrole	Not Listed		ND(0.64) J	ND(0.65)	NA	NA
Thionazin	330		ND(0.64)	ND(0.65)	NA	NA

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-1 0-1 06/25/03	19-9-18-SB-1 1-3 06/25/03	19-9-18-SB-1-S 0-1 06/01/06	19-9-18-SB-1-S 1-3 10/25/05
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000087) XY	0.00019 YI	NA	NA
TCDFs (total)		Not Applicable	0.0033	0.0014	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	0.0014	0.00037	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000072	0.000079	NA	NA
PeCDFs (total)		Not Applicable	0.0031	0.0017	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000049)	0.0012 I	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.00044 I	0.00021	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000064)	ND(0.0000023)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.000026) X	0.000072	NA	NA
HxCDFs (total)		Not Applicable	0.00080	0.0032	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00011	0.0022	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000028	0.00060	NA	NA
HpCDFs (total)		Not Applicable	0.00014	0.0030	NA	NA
OCDF		Not Applicable	ND(0.00019) J	0.022	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000016)	ND(0.000016) X	NA	NA
TCDDs (total)		Not Applicable	ND(0.0000016)	0.00011	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000035)	ND(0.000012) X	NA	NA
PeCDDs (total)		Not Applicable	ND(0.0000035)	ND(0.0000049)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000035 J	0.000029	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000044) X	0.000036	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.000012) X	ND(0.000030) X	NA	NA
HxCDDs (total)		Not Applicable	0.000018 J	0.000065	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00015	0.00052	NA	NA
HpCDDs (total)		Not Applicable	0.00025	0.00094	NA	NA
OCDD		Not Applicable	0.0010 J	0.0018 J	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	0.00016	0.00028	NA	NA
Inorganics						
Antimony		30	41.0	3.10 B	ND(3.10) J	NA
Arsenic		0.38	11.0	8.40	NA	NA
Barium		5200	43.0	280	NA	NA
Beryllium		150	0.170 J	0.250 J	NA	NA
Cadmium		37	0.290 B	4.10	NA	NA
Chromium		210	10.0	22.0	NA	NA
Cobalt		3300	14.0	8.90	NA	NA
Copper		2800	45.0	190	NA	NA
Cyanide		11	0.690	0.530	NA	NA
Lead		400	130	720	NA	330
Mercury		22	0.630	1.20	NA	NA
Nickel		1500	22.0	30.0	NA	NA
Selenium		370	1.50 J	2.10 J	NA	NA
Silver		370	ND(1.40)	2.20	NA	NA
Sulfide		350	12.0	320	NA	NA
Thallium		6	ND(1.80)	ND(1.60)	NA	NA
Tin		45000	86.0	35.0	NA	NA
Vanadium		520	11.0	16.0	NA	NA
Zinc		22000	88.0	560	NA	NA

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-2 0-1 06/25/03	19-9-18-SB-2 3-5 06/25/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0066)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0066)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0066)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0066)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0066)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0066)
1,2,3-Trichloropropane		0.0014	ND(0.0067)	ND(0.0066)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0067)	ND(0.0066)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0066)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0066)
1,2-Dichloropropane		0.34	ND(0.0067)	ND(0.0066)
1,4-Dioxane		40	ND(0.13) J	ND(0.13) J
2-Butanone		6900	ND(0.013)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0066)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0066)
2-Hexanone		750	ND(0.013)	ND(0.013)
3-Chloropropene		2700	ND(0.0067)	ND(0.0066)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.013)
Acetone		1400	ND(0.027)	ND(0.026)
Acetonitrile		200	ND(0.13) J	ND(0.13) J
Acrolein		0.1	ND(0.13) J	ND(0.13) J
Acrylonitrile		0.19	ND(0.0067)	ND(0.0066)
Benzene		0.62	ND(0.0067)	ND(0.0066)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0066)
Bromoform		56	ND(0.0067)	ND(0.0066)
Bromomethane		3.8	ND(0.0067)	ND(0.0066)
Carbon Disulfide		350	ND(0.0067) J	ND(0.0066) J
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0066)
Chlorobenzene		54	ND(0.0067)	ND(0.0066)
Chloroethane		1600	ND(0.0067)	ND(0.0066)
Chloroform		0.24	ND(0.0067)	ND(0.0066)
Chloromethane		1.2	ND(0.0067)	ND(0.0066)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0066)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0066)
Dibromomethane		550	ND(0.0067)	ND(0.0066)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0066)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0066)
Ethylbenzene		230	ND(0.0067)	ND(0.0066)
Iodomethane		1.2	ND(0.0067) J	ND(0.0066) J
Isobutanol		10000	ND(0.13) J	ND(0.13) J
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0066)
Methyl Methacrylate		2200	ND(0.0067)	ND(0.0066)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0066)
Propionitrile		200	ND(0.013)	ND(0.013)
Styrene		1700	ND(0.0067)	ND(0.0066)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0066)
Toluene		520	ND(0.0067)	ND(0.0066)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0066)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0066)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0066)
Trichloroethene		2.7	ND(0.0067)	ND(0.0066)
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0066)
Vinyl Acetate		420	ND(0.0067)	ND(0.0066)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0066)
Xylenes (total)		210	ND(0.0067)	ND(0.0066)

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-2	
			0-1 06/25/03	3-5 06/25/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.48)
1,2,4-Trichlorobenzene		480	ND(0.44)	ND(0.48)
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.48)
1,2-Diphenylhydrazine		0.56	ND(0.44)	ND(0.48)
1,3,5-Trinitrobenzene		1600	ND(0.44) J	ND(0.48) J
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.48)
1,3-Dinitrobenzene		5.5	ND(0.89)	ND(0.88)
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.48)
1,4-Naphthoquinone		55	ND(0.89)	ND(0.88)
1-Naphthylamine		Not Listed	ND(0.89)	ND(0.88)
2,3,4,6-Tetrachlorophenol		1600	ND(0.44)	ND(0.48)
2,4,5-Trichlorophenol		5500	ND(0.44)	ND(0.48)
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.48)
2,4-Dichlorophenol		160	ND(0.44)	ND(0.48)
2,4-Dimethylphenol		1100	ND(0.44)	ND(0.48)
2,4-Dinitrophenol		110	ND(2.3) J	ND(2.4) J
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.48)
2,6-Dichlorophenol		160	ND(0.44)	ND(0.48)
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.48)
2-Acetylaminofluorene		0.56	ND(0.89)	ND(0.88)
2-Chloronaphthalene		3700	ND(0.44)	ND(0.48)
2-Chlorophenol		59	ND(0.44)	ND(0.48)
2-Methylnaphthalene		55	0.17 J	ND(0.48)
2-Methylphenol		2700	ND(0.44)	ND(0.48)
2-Naphthylamine		Not Listed	ND(0.89) J	ND(0.88) J
2-Nitroaniline		3.3	ND(2.3)	ND(2.4)
2-Nitrophenol		Not Listed	ND(0.89)	ND(0.88)
2-Picoline		55	ND(0.44)	ND(0.48)
3&4-Methylphenol		270	ND(0.89)	ND(0.88)
3,3'-Dichlorobenzidine		0.99	ND(0.89)	ND(0.95)
3,3-Dimethylbenzidine		0.048	ND(0.44)	ND(0.48)
3-Methylcholanthrene		0.056	ND(0.89)	ND(0.88)
3-Nitroaniline		5.5	ND(2.3)	ND(2.4)
4,6-Dinitro-2-methylphenol		55	ND(0.44)	ND(0.48)
4-Aminobiphenyl		1400	ND(0.89)	ND(0.88)
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.48)
4-Chloro-3-Methylphenol		2700	ND(0.44)	ND(0.48)
4-Chloroaniline		220	ND(0.44)	ND(0.48)
4-Chlorophenyl-phenylether		1.6	ND(0.89)	ND(0.88)
4-Nitroaniline		Not Listed	ND(0.44)	ND(0.48)
4-Nitrophenol		5.5	ND(2.3)	ND(2.2)
4-Nitroquinoline-1-oxide		3400	ND(2.3) J	ND(2.4) J
4-Phenylenediamine		110	ND(0.89)	ND(0.88)
5-Nitro-o-toluidine		13	ND(0.89)	ND(0.88)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.89)	ND(0.88)
a,a-Dimethylphenethylamine		55	ND(0.89)	ND(0.88)
Acenaphthene		2600	0.12 J	ND(0.48)
Acenaphthylene		55	0.63	0.14 J
Acetophenone		0.49	ND(0.44)	ND(0.48)
Aniline		78	ND(0.44)	ND(0.48)
Anthracene		14000	0.70	0.23 J
Aramid		18	ND(0.89)	ND(0.88)
Benzidine		0.0019	ND(0.89)	ND(0.95)
Benzo(a)anthracene		0.56	2.4	0.75
Benzo(a)pyrene		0.056	2.5	0.82
Benzo(b)fluoranthene		0.56	2.2	ND(0.48)
Benzo(g,h,i)perylene		55	1.6	0.53
Benzo(k)fluoranthene		5.6	2.1	ND(0.48)
Benzyl Alcohol		16000	ND(0.89)	ND(0.95)

TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-2 0-1 06/25/03	19-9-18-SB-2 3-5 06/25/03
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.48)
bis(2-Chloroethyl)ether		0.18	ND(0.44) J	ND(0.48) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.44) J	ND(0.48) J
bis(2-Ethylhexyl)phthalate		32	ND(0.44)	ND(0.48)
Butylbenzylphthalate		930	ND(0.44)	ND(0.48)
Chrysene		56	2.4	0.76
Diallate		7.3	ND(0.89)	ND(0.88)
Dibenzof(a,h)anthracene		0.056	0.40 J	ND(0.48)
Dibenzofuran		210	0.13 J	ND(0.48)
Diethylphthalate		44000	ND(0.44)	ND(0.48)
Dimethylphthalate		100000	ND(0.44)	ND(0.48)
Di-n-Butylphthalate		5500	ND(0.44)	ND(0.48)
Di-n-Octylphthalate		1100	ND(0.44)	ND(0.48)
Diphenylamine		1400	ND(0.44)	ND(0.48)
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.48)
Fluoranthene		2000	4.4	1.3
Fluorene		1800	0.26 J	0.17 J
Hexachlorobenzene		0.28	ND(0.44)	ND(0.48)
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.48)
Hexachlorocyclopentadiene		380	ND(0.44) J	ND(0.48) J
Hexachloroethane		32	ND(0.44)	ND(0.48)
Hexachloropropene		16	ND(0.89) J	ND(0.95) J
Hexachlorophene		Not Listed	ND(0.44)	ND(0.48)
Indeno(1,2,3-cd)pyrene		0.56	1.4	0.44 J
Isodrin		Not Listed	ND(0.44)	ND(0.48)
Isophorone		470	ND(0.44)	ND(0.48)
Isosafrole		Not Listed	ND(0.89)	ND(0.88)
Methapyriene		55	ND(0.89)	ND(0.88)
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.48)
Naphthalene		55	0.51	0.12 J
Nitrobenzene		16	ND(0.44)	ND(0.48)
N-Nitrosodimethylamine		0.003	ND(0.44)	ND(0.48)
N-Nitrosodimethylamine		0.0087	ND(0.44)	ND(0.48)
N-Nitroso-di-n-butylamine		0.022	ND(0.89)	ND(0.88)
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.48)
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.48)
N-Nitrosomethylethylamine		0.02	ND(0.89)	ND(0.88)
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.48)
N-Nitrosopyrrolidine		0.21	ND(0.44)	ND(0.48)
N-Nitrosopyrrolidine		0.21	ND(0.89)	ND(0.88)
o,o'-Triethylphosphorothioate		11	ND(0.44)	ND(0.48)
o-Toluidine		1.9	ND(0.44)	ND(0.48)
p-Dimethylaminoazobenzene		0.99	ND(0.89)	ND(0.88)
Pentachlorobenzene		44	ND(0.44)	ND(0.48)
Pentachloroethane		2.8	ND(0.44)	ND(0.48)
Pentachloronitrobenzene		1.7	ND(0.89)	ND(0.88)
Pentachlorophenol		2.5	ND(2.3)	ND(2.4)
Phenacetyl		640	ND(0.89)	ND(0.88)
Phenanthrene		55	1.9	0.70
Phenol		33000	ND(0.44)	ND(0.48)
Pronamide		4100	ND(0.44)	ND(0.48)
Pyrene		1500	3.9	1.5
Pyridine		55	ND(0.44)	ND(0.48)
Safrole		Not Listed	ND(0.44) J	ND(0.48) J
Thiomazin		330	ND(0.44)	ND(0.48)

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth (feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-18-SB-2 0-1 06/25/03	19-9-18-SB-2 3-5 06/25/03
Furans				
2,3,7,8-TCDF		Not Applicable	0.000019 Y1	ND(0.000000055)
TCDFs (total)		Not Applicable	0.00028	ND(0.00000055)
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000084) X	ND(0.00000047)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000059) X	ND(0.00000050)
PeCDFs (total)		Not Applicable	0.00021	ND(0.00000047)
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032 I	ND(0.00000048)
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000059	ND(0.00000047)
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000011)	ND(0.00000062)
2,3,4,6,7,8-HxCDF		Not Applicable	0.000013	ND(0.00000053)
HxCDFs (total)		Not Applicable	0.00021	ND(0.00000047)
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000039) X	0.000017
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000059	ND(0.0000047) X
HpCDFs (total)		Not Applicable	0.0000059	0.000026
OCDF		Not Applicable	0.00013	0.00020
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000062)	ND(0.00000054)
TCDDs (total)		Not Applicable	0.0000021	ND(0.00000054)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000015)	ND(0.00000074)
PeCDDs (total)		Not Applicable	ND(0.0000015)	ND(0.00000074)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000011)	ND(0.00000071)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000010)	ND(0.00000064)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000010)	ND(0.00000065)
HxCDDs (total)		Not Applicable	ND(0.0000010)	ND(0.00000064)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000031	0.0000068
HpCDDs (total)		Not Applicable	0.000056	0.0000068
OCDD		Not Applicable	0.00020 J	0.000029 J
Total TEQs (WHO TEFs)		Not Applicable	0.000011	0.0000013
Inorganics				
Antimony		30	1.80 B	ND(6.00)
Arsenic		0.38	10.0	6.90
Barium		5200	98.0	51.0
Beryllium		150	0.160 J	0.170 J
Cadmium		37	0.590	0.120 B
Chromium		210	9.00	6.00
Cobalt		3300	8.00	7.00
Copper		2800	53.0	25.0
Cyanide		11	0.180	0.140
Lead		400	280	78.0
Mercury		22	0.380	0.170
Nickel		1500	14.0	12.0
Selenium		370	1.30 J	1.00 J
Silver		370	0.440 B	0.180 B
Sulfide		350	21.0	160
Thallium		6	ND(1.30)	ND(1.30)
Tin		45000	16.0	7.10 B
Vanadium		520	14.0	11.0
Zinc		22000	200	70.0

**TABLE E-21
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-18 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-22), but are not included in the subsequent evaluation tables (Tables E-24 and E-26). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated Maximum Possible Concentration

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-22
COMPARISON OF DETECTED APPENDIX IX-3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-18 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.17	55*	No
Acenaphthene	0.12	2,600	No
Acenaphthylene	0.63	55*	No
Aniline	0.48	78	No
Anthracene	0.7	14,000	No
Benzof(a)anthracene	2.4	0.56	Yes
Benzo(a)pyrene	2.5	0.056	Yes
Benzo(b)fluoranthene	2.2	0.56	Yes
Benzo(g,h,i)perylene	1.6	55*	No
Benzo(k)fluoranthene	2.1	5.6	No
Chrysene	2.4	56	No
Dibenzof(a,h)anthracene	0.4	0.056	Yes
Dibenzofuran	0.19	210	No
Fluoranthene	4.4	2,000	No
Fluorene	0.59	1,800	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Naphthalene	0.51	55	No
Phenanthrene	2.7	55*	No
Pyrene	3.9	1,500	No
Inorganics			
Antimony	41	30	Yes
Arsenic	11	0.38	Yes
Barium	280	5,200	No
Beryllium	0.25	150	No
Cadmium	4.1	37	No
Chromium	22	210	No
Cobalt	14	3,300	No
Copper	190	2,800	No
Cyanide	0.69	11*	No
Lead	720	400	Yes
Mercury	1.2	22	No
Nickel	30	1,500	No
Selenium	2.1	370	No
Silver	2.2	370	No
Sulfide	320	350*	No
Tin	86	45,000	No
Vanadium	16	520	No
Zinc	560	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX-3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "X" depth proposed for use in the evaluations (see note 6 in preceding Table E-21).

TABLE E-23
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-1 0-1 06/25/03	19-9-18-SB-1-S 0-1 06/01/06	19-9-17-SB-1 0-1 06/25/03	19-9-19-SB-2 0-1 02/17/04	COMP-19-9-18-SB-1 0-1 (See Note 2)
Semivolatile Organics					
Benzol(a)anthracene	0.13	--	(See Note 1)	(See Note 1)	--
Benzol(a)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Benzol(b)fluoranthene	0.32	--	(See Note 1)	(See Note 1)	--
Dibenzo(a,h)anthracene	0.32	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEQs)	1.60E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	41.0	3.02	1.20	1.90	15.1
Arsenic	11.0	--	(See Note 1)	(See Note 1)	--
Lead	130	--	(See Note 1)	(See Note 1)	--
Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-2 0-1 06/25/03	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzol(a)anthracene	2.4	N/A (See Note 5)	1.3	7	No
Benzol(a)pyrene	2.5	N/A (See Note 5)	1.4	2	No
Benzol(b)fluoranthene	2.2	N/A (See Note 5)	1.3	7	No
Dibenzo(a,h)anthracene	0.40	N/A (See Note 5)	0.36	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	N/A (See Note 5)	0.86	7	No
Dioxins/Furans					
Total TEQs (WHO TEQs)	1.10E-05	1.60E-04	N/A (See Note 5)	1.00E-03	No
Inorganics					
Antimony	1.80	N/A (See Note 5)	8.4	20	No
Arsenic	10.0	N/A (See Note 5)	10.5	20	No
Lead	280	N/A (See Note 5)	205	300	No

Notes:

- The antimony results presented are used to delineate sample 19-9-18-SB-1 (0-1') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels 19-9-17 and 19-9-19, respectively.
- The antimony result presented for this sample location represents the average result from the following samples (depth, date collected):
 19-9-18-SB-1-S (0-1'; 6/01/06), 19-9-17-SB-1 (0-1', 6/25/03), 19-9-19-SB-2 (0-1', 2/17/04) and 19-9-18-SB-1 (0-1'; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-24
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-1 1-3 06/25/03	19-9-18-SB-1-S 1-3 10/25/05	19-9-17-SB-1 1-3 06/25/03	19-9-19-SB-2-W 1-3 12/16/05	COMP-19-9-18-SB-1 1-3 (See Note 2)
Semivolatile Organics					
Benzof(a)anthracene	1.0	--	(See Note 1)	(See Note 1)	--
Benzof(a)pyrene	0.81	--	(See Note 1)	(See Note 1)	--
Benzof(b)fluoranthene	0.79	--	(See Note 1)	(See Note 1)	--
Dibenzof(a,h)anthracene	0.33	--	(See Note 1)	(See Note 1)	--
Indenoc(1,2,3-cd)pyrene	0.33	--	(See Note 1)	(See Note 1)	--
Total TEQs (WHO TEFs)	2.80E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.10	--	(See Note 1)	(See Note 1)	--
Arsenic	8.40	--	(See Note 1)	(See Note 1)	--
Lead	720	330	310	180	385
Semivolatile Organics					
	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)	
Benzof(a)anthracene	N/A (See Note 7)	1.00	7	No	
Benzof(a)pyrene	N/A (See Note 7)	0.81	2	No	
Benzof(b)fluoranthene	N/A (See Note 7)	0.79	7	No	
Dibenzof(a,h)anthracene	N/A (See Note 7)	0.33	0.7	No	
Indenoc(1,2,3-cd)pyrene	N/A (See Note 7)	0.33	7	No	
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-04	N/A (See Note 7)	1.00E-03	No	
Inorganics					
Antimony	N/A (See Note 7)	3.10	20	No	
Arsenic	N/A (See Note 7)	8.40	20	No	
Lead	N/A (See Note 7)	385	300	Yes	

Notes:

- The lead results presented are used to delineate sample 19-9-18-SB-1 (1-3) to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels 19-9-17 and 19-9-19, respectively.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): 19-9-18-SB-1-S (1-3; 10/25/05), 19-9-17-SB-1 (1-3; 6/25/03), 19-9-19-SB-2W (1-3; 12/16/05) and 19-9-18-SB-1 (1-3; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

**TABLE E-25
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-18: 0- TO 1-FOOT DEPTH INCREMENT (BANK)**

**CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-1 0-1 06/25/03	19-9-18-SB-1-S 0-1 06/01/06	19-9-17-SB-1 0-1 06/25/03	19-9-19-SB-2 0-1 02/17/04	COMP-19-9-18-SB-1 0-1 (See Note 2)
Semivolatile Organics					
Benz(a)anthracene	0.13	--	(See Note 1)	(See Note 1)	--
Benz(a)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Benz(b)fluoranthene	0.32	--	(See Note 1)	(See Note 1)	--
Dibenz(a,h)anthracene	0.32	--	(See Note 1)	(See Note 1)	--
Indeno(1,2,3-cd)pyrene	0.32	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEQs)	1.60E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.83	3.02	1.20 (See Note 1)	1.90 (See Note 1)	2.7
Arsenic	11.0	--	(See Note 1)	(See Note 1)	--
Lead	130	--	(See Note 1)	(See Note 1)	--
Sample ID: 19-9-18-SB-2 Sample Depth(Feet): 0-1 Date Collected: 06/25/03		Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benz(a)anthracene	2.4	N/A (See Note 5)	1.3	7	No
Benz(a)pyrene	2.5	N/A (See Note 5)	1.4	2	No
Benz(b)fluoranthene	2.2	N/A (See Note 5)	1.3	7	No
Dibenz(a,h)anthracene	0.40	N/A (See Note 5)	0.36	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	N/A (See Note 5)	0.86	7	No
Dioxins/Furans					
Total TEQs (WHO TEQs)	1.10E-05	1.60E-04	N/A (See Note 5)	1.00E-03	No
Inorganics					
Antimony	1.80	N/A (See Note 5)	2.2	20	No
Arsenic	10.0	N/A (See Note 5)	10.5	20	No
Lead	280	N/A (See Note 5)	205	300	No

Notes:

- The antimony results presented are used to delineate sample 19-9-18-SB-1 (0-1') to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels 19-9-17 and 19-9-19, respectively.
- The antimony result presented for this sample location represents the average result from the following samples (depth: date collected): 19-9-18-SB-1-S (0-1'; 6/01/06), 19-9-17-SB-1 (0-1', 6/25/03), 19-9-19-SB-2 (0-1', 2/17/04) and 19-9-18-SB-1 (0-1'; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-26
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-18: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-1 1-3 06/25/03	19-9-18-SB-1-S 1-3 10/25/05	19-9-17-SB-1 1-3 06/25/03	19-9-19-SB-2-W 1-3 12/16/05	COMP-19-9-18-SB-1 1-3 (See Note 2)
Semivolatile Organics					
Benzol(a)anthracene	1.0	--	(See Note 1)	(See Note 1)	--
Benzol(a)pyrene	0.81	--	(See Note 1)	(See Note 1)	--
Benzol(b)fluoranthene	0.79	--	(See Note 1)	(See Note 1)	--
Dibenzol(a,h)anthracene	0.33	--	(See Note 1)	(See Note 1)	--
Indenol(1,2,3-cd)pyrene	0.33	--	(See Note 1)	(See Note 1)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-04	--	(See Note 1)	(See Note 1)	--
Inorganics					
Antimony	3.10	--	(See Note 1)	(See Note 1)	--
Arsenic	8.40	--	(See Note 1)	(See Note 1)	--
Lead	6.24	330	310	180	207
Semivolatile Organics					
Benzol(a)anthracene	N/A (See Note 7)	1.00	7	No	
Benzol(a)pyrene	N/A (See Note 7)	0.81	2	No	
Benzol(b)fluoranthene	N/A (See Note 7)	0.79	7	No	
Dibenzol(a,h)anthracene	N/A (See Note 7)	0.33	0.7	No	
Indenol(1,2,3-cd)pyrene	N/A (See Note 7)	0.33	7	No	
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-04	N/A (See Note 7)	1.00E-03	No	
Inorganics					
Antimony	N/A (See Note 7)	3.10	20	No	
Arsenic	N/A (See Note 7)	8.40	20	No	
Lead	N/A (See Note 7)	207	300	No	

Notes:

- The lead results presented are used to delineate sample 19-9-18-SB-1 (1-3) to the west and to the east. The SVOCs, Total TEQs, and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcels 19-9-17 and 19-9-19, respectively.
- The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-18-SB-1-S (1-3'; 10/25/05), 19-9-17-SB-1 (1-3'; 6/25/03), 19-9-19-SB-2W (1-3'; 12/16/05) and 19-9-18-SB-1 (1-3'; 6/25/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.

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Parcel 19-9-19 (bank)

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-19-SB-1	19-9-19-SB-1	19-9-19-SB-2
			0-1 02/17/04	3-5 02/17/04	0-1 02/17/04
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,1,1-tetrachloroethane		680	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1,2-Trichloroethane		0.82	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1-Dichloroethane		570	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,1-Dichloroethene		0.052	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2,3-Trichloropropane		0.0014	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dibromoethane		0.0049	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dichloroethane		0.34	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,2-Dichloropropane		0.34	ND(0.0079)	ND(0.0064)	ND(0.0082)
1,4-Dioxane		40	ND(0.16) J	ND(0.13) J	ND(0.16) J
2-Butanone		6900	ND(0.016)	ND(0.013)	ND(0.016)
2-Chloro-1,3-butadiene		3.6	ND(0.0079)	ND(0.0064)	ND(0.0082)
2-Chloroethylvinylether		0.18	ND(0.0079)	ND(0.0064)	ND(0.0082)
2-Hexanone		750	ND(0.016)	ND(0.013)	ND(0.016)
3-Chloropropene		2700	ND(0.0079)	ND(0.0064)	ND(0.0082)
4-Methyl-2-pentanone		750	ND(0.016)	ND(0.013)	ND(0.016)
Acetone		1400	ND(0.032)	0.011 J	ND(0.033)
Acetonitrile		200	ND(0.16) J	ND(0.13) J	ND(0.16) J
Acrolein		0.1	ND(0.16) J	ND(0.13) J	ND(0.16) J
Acrylonitrile		0.19	ND(0.0079)	ND(0.0064)	ND(0.0082)
Benzene		0.62	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromodichloromethane		0.98	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromoform		56	ND(0.0079)	ND(0.0064)	ND(0.0082)
Bromomethane		3.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
Carbon Disulfide		350	ND(0.0079)	ND(0.0064)	ND(0.0082)
Carbon Tetrachloride		0.23	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chlorobenzene		54	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloroethane		1600	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloroform		0.24	ND(0.0079)	ND(0.0064)	ND(0.0082)
Chloromethane		1.2	ND(0.0079)	ND(0.0064)	ND(0.0082)
cis-1,3-Dichloropropene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dibromochloromethane		5.3	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dibromomethane		550	ND(0.0079)	ND(0.0064)	ND(0.0082)
Dichlorodifluoromethane		94	ND(0.0079)	ND(0.0064)	ND(0.0082)
Ethyl Methacrylate		140	ND(0.0079)	ND(0.0064)	ND(0.0082)
Ethylbenzene		230	ND(0.0079)	ND(0.0064)	ND(0.0082)
Iodomethane		1.2	ND(0.0079)	ND(0.0064)	ND(0.0082)
Isobutanol		10000	ND(0.16) J	ND(0.13) J	ND(0.16) J
Methacrylonitrile		1.8	ND(0.0079)	ND(0.0064)	ND(0.0082)
Methyl Methacrylate		2200	ND(0.0079)	ND(0.0064)	ND(0.0082)
Methylene Chloride		8.5	ND(0.0079)	ND(0.0064)	ND(0.0082)
Propionitrile		200	ND(0.016) J	ND(0.013) J	ND(0.016) J
Styrene		1700	ND(0.0079)	ND(0.0064)	ND(0.0082)
Tetrachloroethane		4.7	ND(0.0079)	ND(0.0064)	ND(0.0082)
Toluene		520	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,2-Dichloroethene		62	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,3-Dichloropropene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0079)	ND(0.0064)	ND(0.0082)
Trichloroethane		2.7	ND(0.0079)	ND(0.0064)	ND(0.0082)
Trichlorofluoromethane		380	ND(0.0079)	ND(0.0064)	ND(0.0082)
Vinyl Acetate		420	ND(0.0079)	ND(0.0064)	ND(0.0082)
Vinyl Chloride		0.021	ND(0.0079)	ND(0.0064)	ND(0.0082)
Xylenes (total)		210	ND(0.0079)	ND(0.0064)	ND(0.0082)

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth/Feet: Date Collected:	EPA Region 9 Residential PRGS	19-9-19-SB-1	19-9-19-SB-1	19-9-19-SB-2
			0-1 02/17/04	3-5 02/17/04	0-1 02/17/04
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.53)	ND(0.43)	ND(0.54) J
1,2,4-Trichlorobenzene		480	ND(0.53)	ND(0.43)	ND(0.54) J
1,2-Dichlorobenzene		370	ND(0.53)	ND(0.43)	ND(0.54)
1,2-Diphenylhydrazine		0.56	ND(0.53)	ND(0.43)	ND(0.54)
1,3,5-Trinitrobenzene		1600	ND(0.53) J	ND(0.43) J	ND(0.54)
1,3-Dichlorobenzene		41	ND(0.53)	ND(0.43)	ND(0.54)
1,3-Dinitrobenzene		5.5	ND(1.0)	ND(0.86)	ND(1.1)
1,4-Dichlorobenzene		3	ND(0.53)	ND(0.43)	ND(0.54)
1,4-Naphthoquinone		55	ND(1.0) J	ND(0.86) J	ND(1.1) J
1-Naphthylamine		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2,3,4,6-tetrachlorophenol		1600	ND(0.53)	ND(0.43)	ND(0.54)
2,4,5-Trichlorophenol		5500	ND(0.53)	ND(0.43)	ND(0.54)
2,4,6-Trichlorophenol		40	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dichlorophenol		160	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dimethylphenol		1100	ND(0.53)	ND(0.43)	ND(0.54)
2,4-Dinitrophenol		110	ND(2.7)	ND(2.2)	ND(2.8)
2,4-Dinitrotoluene		110	ND(0.53)	ND(0.43)	ND(0.54)
2,6-Dichlorophenol		160	ND(0.53)	ND(0.43)	ND(0.54)
2,6-Dinitrotoluene		55	ND(0.53)	ND(0.43)	ND(0.54)
2-Acetylaminofluorene		0.56	ND(1.0)	ND(0.86)	ND(1.1)
2-Chloronaphthalene		3700	ND(0.53)	ND(0.43)	ND(0.54)
2-Chlorophenol		59	ND(0.53)	ND(0.43)	ND(0.54)
2-Methylnaphthalene		55	ND(0.53)	ND(0.43)	ND(0.54)
2-Methylphenol		2700	ND(0.53)	ND(0.43)	ND(0.54)
2-Naphthylamine		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2-Nitroaniline		3.3	ND(2.7) J	ND(2.2) J	ND(2.8) J
2-Nitrophenol		Not Listed	ND(1.0)	ND(0.86)	ND(1.1)
2-Picoline		55	ND(0.53)	ND(0.43)	ND(0.54)
3&4-Methylphenol		270	ND(1.0)	ND(0.86)	ND(1.1)
3,3-Dichlorobenzidine		0.99	ND(1.0)	ND(0.86)	ND(1.1)
3,3-Dimethylbenzidine		0.048	ND(0.53)	ND(0.43)	ND(0.54)
3-Methylcholanthrene		0.056	ND(1.0)	ND(0.86)	ND(1.1)
3-Nitroaniline		5.5	ND(2.7) J	ND(2.2) J	ND(2.8) J
4,6-Dinitro-2-methylphenol		55	ND(0.53)	ND(0.43)	ND(0.54)
4-Aminobiphenyl		1400	ND(1.0)	ND(0.86)	ND(1.1)
4-Bromophenyl-phenylether		160	ND(0.53)	ND(0.43)	ND(0.54)
4-Chloro-3-Methylphenol		2700	ND(0.53)	ND(0.43)	ND(0.54)
4-Chloroaniline		220	ND(0.53)	ND(0.43)	ND(0.54)
4-Chlorobenzoate		1.6	ND(1.0)	ND(0.86)	ND(1.1)
4-Chlorophenyl-phenylether		Not Listed	ND(0.53)	ND(0.43)	ND(0.54)
4-Nitroaniline		5.5	ND(2.7)	ND(2.2)	ND(2.8)
4-Nitrophenol		3400	ND(2.7) J	ND(2.2) J	ND(2.8) J
4-Nitroquinoline-1-oxide		110	ND(1.0) J	ND(0.86) J	ND(1.1) J
4-Phenylenediamine		10000	ND(1.0)	ND(0.86)	ND(1.1)
5-Nitro-0-toluidine		13	ND(1.0)	ND(0.86)	ND(1.1)
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.0)	ND(0.86)	ND(1.1)
a,a-Dimethylphenethylamine		55	ND(1.0)	ND(0.86)	ND(1.1)
Acenaphthylene		2600	ND(0.53)	0.21 J	ND(0.54) J
Acenaphthylene		55	0.25 J	0.69	0.11 J
Acetophenone		0.49	ND(0.53)	ND(0.43)	ND(0.54)
Aniline		78	ND(0.53)	ND(0.43)	0.20 J
Anthracene		14000	0.18 J	1.0	0.13 J
Aranilne		18	ND(1.0)	ND(0.86)	ND(1.1)
Benzidine		0.0019	ND(1.0) J	ND(0.86) J	ND(1.1) J
Benz(a)anthracene		0.56	0.32 J	1.7	0.41 J
Benz(a)pyrene		0.056	0.31 J	1.4	0.36 J
Benz(b)fluoranthene		0.56	0.21 J	0.84	0.29 J
Benz(g,h,i)perylene		55	0.27 J	0.69	0.24 J
Benz(k)fluoranthene		5.6	0.25 J	1.2	0.35 J
Benzyl Alcohol		16000	ND(1.0)	ND(0.86)	ND(1.1)

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-1	19-9-19-SB-1	19-9-19-SB-2
			0-1 02/17/04	3-5 02/17/04	0-1 02/17/04
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane	Not Listed		ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Chloroethyl)ether	0.18		ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Chloroisopropyl)ether	2.5		ND(0.53)	ND(0.43)	ND(0.54)
bis(2-Ethylhexyl)phthalate	32		ND(0.52)	ND(0.42)	ND(0.54)
Butylbenzylphthalate	930		ND(0.53)	ND(0.43)	ND(0.54)
Chrysene	56		0.37 J	1.6	0.46 J
Diallate	7.3		ND(1.0)	ND(0.86)	ND(1.1)
Dibenz(a,h)anthracene	0.056		ND(0.53)	0.24 J	ND(0.54)
Dibenzofuran	210		ND(0.53)	0.32 J	ND(0.54)
Diethylphthalate	44000		ND(0.53)	ND(0.43)	ND(0.54)
Dimethylphthalate	100000		ND(0.53)	ND(0.43)	ND(0.54)
Di-n-Butylphthalate	5500		ND(0.53)	ND(0.43)	ND(0.54)
Di-n-Octylphthalate	1100		ND(0.53)	ND(0.43)	ND(0.54)
Diphenylamine	1400		ND(0.53)	ND(0.43)	ND(0.54)
Ethyl Methanesulfonate	Not Listed		ND(0.53)	ND(0.43)	ND(0.54)
Fluoranthrene	2000		0.74	4.5	0.92
Fluorene	1800		ND(0.53)	0.52	ND(0.54)
Hexachlorobenzene	0.28		ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorobutadiene	5.7		ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorocyclopentadiene	380		ND(0.53)	ND(0.43)	ND(0.54)
Hexachloroethane	32		ND(0.53)	ND(0.43)	ND(0.54)
Hexachlorophene	16		ND(1.0)	ND(0.86)	ND(1.1) J
Hexachloropropene	Not Listed		ND(0.53)	ND(0.43)	ND(0.54) J
Indeno(1,2,3-cd)pyrene	0.56		0.16 J	0.68	0.19 J
Isodrin	Not Listed		ND(0.53)	ND(0.43)	ND(0.54)
Isophorone	470		ND(0.53)	ND(0.43)	ND(0.54)
Isosafrole	Not Listed		ND(1.0)	ND(0.86)	ND(1.1)
Methapyrliene	55		ND(1.0)	ND(0.86)	ND(1.1)
Methyl Methanesulfonate	Not Listed		ND(0.53)	ND(0.43)	ND(0.54)
Naphthalene	55		0.18 J	0.21 J	ND(0.54)
Nitrobenzene	16		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodiethylamine	0.003		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodimethylamine	0.0087		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitroso-di-n-butylamine	0.022		ND(1.0)	ND(0.86)	ND(1.1)
N-Nitroso-di-n-propylamine	0.063		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosodiphenylamine	91		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosomethylethylamine	0.02		ND(1.0)	ND(0.86)	ND(1.1)
N-Nitrosomorpholine	0.21		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosopyrrolidine	0.21		ND(0.53)	ND(0.43)	ND(0.54)
N-Nitrosopyrrolidine	0.21		ND(1.0)	ND(0.86)	ND(1.1)
o,o'-Triethylphosphorothioate	11		ND(0.53)	ND(0.43)	ND(0.54)
o-Toluidine	1.9		ND(0.53)	ND(0.43)	ND(0.54)
p-Dimethylaminoazobenzene	0.99		ND(1.0) J	ND(0.86) J	ND(1.1)
Pentachlorobenzene	44		ND(0.53)	ND(0.43)	ND(0.54)
Pentachloroethane	2.8		ND(0.53)	ND(0.43)	ND(0.54)
Pentachloronitrobenzene	1.7		ND(1.0)	ND(0.86)	ND(1.1)
Pentachlorophenol	2.5		ND(2.7)	ND(2.2)	ND(2.8)
Phenacetin	640		ND(1.0)	ND(0.86)	ND(1.1)
Phenanthrene	55		0.57	3.7	0.55
Phenol	33000		ND(0.53)	ND(0.43)	ND(0.54)
Pronamide	4100		ND(0.53)	ND(0.43)	ND(0.54)
Pyrene	1500		0.60	3.1	0.86
Pyridine	55		ND(0.53)	ND(0.43)	ND(0.54)
Safrole	Not Listed		ND(0.53)	ND(0.43)	ND(0.54)
Thionazin	330		ND(0.53)	ND(0.43)	ND(0.54) J

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-1 0-1 02/17/04	19-9-19-SB-1 3-5 02/17/04	19-9-19-SB-2 0-1 02/17/04
Furans					
2,3,7,8-TCDF		Not Applicable	0.000068 Y	ND(0.00000054)	0.000057 Y
TCDFs (total)		Not Applicable	0.00521	0.0000241	0.00291
1,2,3,7,8-PeCDF		Not Applicable	0.000033	ND(0.00000057)	0.000018
2,3,4,7,8-PeCDF		Not Applicable	0.000066	ND(0.00000058)	0.000044
PeCDFs (total)		Not Applicable	0.00641	0.0000201	0.00301
1,2,3,4,7,8-HxCDF		Not Applicable	0.000039	ND(0.00000034)	0.000026
1,2,3,6,7,8-HxCDF		Not Applicable	0.000301	ND(0.00000033)	0.000093
1,2,3,7,8,9-HxCDF		Not Applicable	0.000011	ND(0.00000018)	0.000049
2,3,4,6,7,8-HxCDF		Not Applicable	0.000020	ND(0.00000031)	0.000010
HxCDFs (total)		Not Applicable	0.00231	0.00009591	0.000861
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062	0.0000021	0.000054
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.000011) X	ND(0.00000026)	0.000060
HpCDFs (total)		Not Applicable	0.000141	0.0000024	0.000121
OCDF		Not Applicable	0.000056	ND(0.00000061)	0.000057
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00000082)	ND(0.00000041)	ND(0.00000044)
TCDDs (total)		Not Applicable	ND(0.00000082)	ND(0.00000041)	0.000049
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000060)	ND(0.0000013)	ND(0.000037)
PeCDDs (total)		Not Applicable	ND(0.000060)	ND(0.000013)	ND(0.000037)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.000016)	ND(0.0000054)	ND(0.000011)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000015)	ND(0.0000049)	ND(0.000012)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.000013)	ND(0.0000045)	0.000048
HxCDDs (total)		Not Applicable	ND(0.000016)	ND(0.0000054)	0.000054
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000041	ND(0.0000040)	0.000076
HpCDDs (total)		Not Applicable	0.000084	ND(0.0000040)	0.00014
OCDD		Not Applicable	0.00022	ND(0.0000042)	0.00046
Total TEQs (WHO TEFs)		Not Applicable	0.000083	0.0000012	0.000038
Inorganics					
Antimony		30	1.40 B	1.60 B	1.90 B
Arsenic		0.38	9.10	10.0	12.0
Barium		5200	110	44.0	300
Beryllium		150	0.540	0.280 B	0.390 B
Cadmium		37	1.40	0.920	1.60
Chromium		210	14.0	11.0	20.0
Cobalt		3300	9.20	11.0	10.0
Copper		2800	92.0	40.0	130
Cyanide		11	0.380	0.130	0.280
Lead		400	350 J	84.0 J	760 J
Mercury		22	0.880	1.30	0.700
Nickel		1500	21.0	22.0	26.0
Selenium		370	ND(0.00500) J	7.20	3.70
Silver		370	0.350 B	ND(1.00)	0.540 B
Sulfide		350	18.0	100	18.0
Thallium		6	ND(1.60)	ND(1.30)	ND(1.60)
Tin		45000	21.0 J	52.0 J	100 J
Vanadium		520	20.0	12.0	26.0
Zinc		22000	300	160	540

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2		19-9-19-SB-2E		19-9-19-SB-2S	
			1-3 02/17/04	0-1 12/16/05	1-3 12/16/05	0-1 12/16/05		
Volatile Organics								
1,1,1,2-Tetrachloroethane		2.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,1,1-Trichloroethane		680	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane		0.36	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,1,2-Trichloroethane		0.82	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,1-Dichloroethane		570	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,1-Dichloroethene		0.052	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,2,3-Trichloropropane		0.0014	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane		0.32	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,2-Dichloroethane		0.0049	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,2-Dichloroethene		0.34	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,2-Dichloropropane		0.34	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
1,4-Dioxane		40	ND(0.16) J [ND(0.15) J]	NA	NA	NA	NA	
2-Butanone		6900	ND(0.16) [ND(0.015)]	NA	NA	NA	NA	
2-Chloro-1,3-butadiene		3.6	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
2-Chloroethylvinylether		0.18	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
2-Hexanone		750	ND(0.16) [ND(0.015)]	NA	NA	NA	NA	
3-Chloropropane		2700	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
4-Methyl-2-pentanone		750	ND(0.16) [ND(0.015)]	NA	NA	NA	NA	
Acetone		1400	ND(0.032) [0.0095 J]	NA	NA	NA	NA	
Acetonitrile		200	ND(0.16) J [ND(0.15) J]	NA	NA	NA	NA	
Acrolein		0.1	ND(0.16) J [ND(0.15) J]	NA	NA	NA	NA	
Acrylonitrile		0.19	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Benzene		0.62	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Bromodichloromethane		0.98	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Bromoform		56	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Bromomethane		3.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Carbon Disulfide		350	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Carbon Tetrachloride		0.23	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Chlorobenzene		54	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Chloroethane		1600	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Chloroform		0.24	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Chloromethane		1.2	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
cis-1,3-Dichloropropene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Dibromochloromethane		5.3	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Dibromomethane		550	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Dichlorodifluoromethane		94	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Ethyl Methacrylate		140	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Ethylbenzene		230	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Ethylmethane		1.2	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Isobutanol		10000	ND(0.16) J [ND(0.15) J]	NA	NA	NA	NA	
Methacrylonitrile		1.8	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Methyl Methacrylate		2200	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Methylene Chloride		8.5	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Propionitrile		200	ND(0.16) J [ND(0.015) J]	NA	NA	NA	NA	
Styrene		1700	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Tetrachloroethane		4.7	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Toluene		520	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
trans-1,2-Dichloroethene		62	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
trans-1,3-Dichloropropene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Trichloroethene		2.7	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Trichlorofluoromethane		380	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Vinyl Acetate		420	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Vinyl Chloride		0.021	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	
Xylenes (total)		210	ND(0.0079) [ND(0.0074)]	NA	NA	NA	NA	

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-E-2	19-9-19-SB-2E	19-9-19-SB-2E	19-9-19-SB-2S
			1-3 02/17/04	0-1 12/16/05	1-3 12/16/05	0-1 12/16/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.53) J [ND(0.49)]	NA	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.53) [ND(0.49)]	NA	NA	NA
1,2-Dichlorobenzene		370	ND(0.53) [ND(0.49)]	NA	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA
1,3,5-Trinitrobenzene		1600	ND(0.53) [ND(0.49)] J	NA	NA	NA
1,3-Dichlorobenzene		41	ND(0.53) [ND(0.49)]	NA	NA	NA
1,3-Dinitrobenzene		5.5	ND(1.0) [ND(0.99)]	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.53) [ND(0.49)]	NA	NA	NA
1,4-Naphthoquinone		55	ND(1.0) J [ND(0.99)] J	NA	NA	NA
1-Naphthylamine		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4,5-Trichlorophenol		5500	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4,6-Trichlorophenol		40	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dichlorophenol		160	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dimethylphenol		1100	ND(0.53) [ND(0.49)]	NA	NA	NA
2,4-Dinitrophenol		110	ND(2.7) [ND(2.5)]	NA	NA	NA
2,4-Dinitrotoluene		110	ND(0.53) [ND(0.49)]	NA	NA	NA
2,6-Dichlorophenol		160	ND(0.53) [ND(0.49)]	NA	NA	NA
2,6-Dinitrotoluene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Acetylaminofluorene		0.56	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Chloronaphthalene		3700	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Chlorophenol		99	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Methylnaphthalene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Methylphenol		2700	ND(0.53) [ND(0.49)]	NA	NA	NA
2-Naphthylamine		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Nitroaniline		3.3	ND(2.7) J [ND(2.5)] J	NA	NA	NA
2-Nitrophenol		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA
2-Picoline		55	ND(0.53) [ND(0.49)]	NA	NA	NA
3&4-Methylphenol		270	ND(1.0) [ND(0.99)]	NA	NA	NA
3,3-Dichlorobenzidine		0.99	ND(1.0) [ND(0.99)]	NA	NA	NA
3,3-Dimethylbenzidine		0.048	ND(0.53) [ND(0.49)]	NA	NA	NA
3-Methylcholanthrene		0.056	ND(1.0) [ND(0.99)]	NA	NA	NA
3-Nitroaniline		5.5	ND(2.7) J [ND(2.5)] J	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Aminobiphenyl		1400	ND(1.0) [ND(0.99)]	NA	NA	NA
4-Bromophenyl-phenylether		160	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chloro-3-Methylphenol		2700	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chloroaniline		220	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Chlorobenzilate		1.6	ND(1.0) [ND(0.99)]	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA
4-Nitroaniline		5.5	ND(2.7) [ND(2.5)]	NA	NA	NA
4-Nitrophenol		3400	ND(2.7) J [ND(2.5)] J	NA	NA	NA
4-Nitroquinoline-1-oxide		110	ND(1.0) J [ND(0.99)] J	NA	NA	NA
4-Phenylenediamine		10000	ND(1.0) [ND(0.99)]	NA	NA	NA
5-Nitro-o-toluidine		13	ND(1.0) [ND(0.99)]	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.0) [ND(0.99)]	NA	NA	NA
a,a-Dimethylphenethylamine		55	ND(1.0) [ND(0.99)]	NA	NA	NA
Acenaphthene		2600	ND(0.53) [ND(0.49)]	NA	NA	NA
Acenaphthylene		55	ND(0.53) [ND(0.49)]	NA	NA	NA
Acetophenone		0.49	ND(0.53) [ND(0.49)]	NA	NA	NA
Aniline		78	ND(0.53) [ND(0.49)]	NA	NA	NA
Anthracene		14000	ND(0.53) [ND(0.49)]	NA	NA	NA
Aramid		18	ND(1.0) [ND(0.99)]	NA	NA	NA
Benzidine		0.0019	ND(1.0) J [ND(0.99)] J	NA	NA	NA
Benzol(a)anthracene		0.56	ND(0.53) [0.11 J]	NA	NA	NA
Benzo(a)pyrene		0.056	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzo(b)fluoranthene		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzo(g,h,i)perylene		55	ND(0.53) [0.14 J]	NA	NA	NA
Benzo(k)fluoranthene		5.6	ND(0.53) [ND(0.49)]	NA	NA	NA
Benzyl Alcohol		16000	ND(1.0) [ND(0.99)]	NA	NA	NA

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2		19-9-19-SB-2E		19-9-19-SB-2S	
			1-3 02/17/04	NA	0-1 12/16/05	1-3 12/16/05	0-1 12/16/05	
Semivolatile Organics (Continued)		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane		0.18	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
bis(2-Chloroethylether		2.5	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
bis(2-Ethylhexyl)phthalate		32	ND(0.52) [ND(0.49)]	NA	NA	NA	NA	
Butylbenzylphthalate		930	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Chrysene		56	0.12 J [0.15 J]	NA	NA	NA	NA	
Diallate		7.3	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Dibenz(a,h)anthracene		0.056	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Dibenzofuran		210	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Diethylphthalate		44000	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Dimethylphthalate		100000	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Di-n-Butylphthalate		5500	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Di-n-Octylphthalate		1100	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Diphenylamine		1400	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Ethyl Methanesulfonate		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Fluoranthene		2000	0.24 J [0.30 J]	NA	NA	NA	NA	
Fluorene		1800	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Hexachlorobenzene		0.28	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Hexachlorobutadiene		5.7	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Hexachlorocyclopentadiene		380	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Hexachloroethane		32	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Hexachlorophene		16	ND(1.0) J [ND(0.99)]	NA	NA	NA	NA	
Hexachloropropene		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene		0.56	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Isodrin		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Isoprene		470	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Isosafrole		Not Listed	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Methacrylene		55	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Methyl Methanesulfonate		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Naphthalene		55	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Nitrobenzene		16	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitrosodimethylamine		0.003	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitrosodimethylamine		0.0087	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitroso-di-n-butylamine		0.022	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
N-Nitroso-di-n-propylamine		0.063	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitrosodiphenylamine		91	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitrosomethylethylamine		0.02	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
N-Nitrosomorpholine		0.21	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
N-Nitrosopyrrolidine		0.21	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
o,o,o'-Triethylphosphorothioate		0.21	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
o,o,o'-Toluidine		11	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
p-Dimethylaminoazobenzene		1.9	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Pentachlorobenzene		0.99	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Pentachloroethane		44	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Pentachloronitrobenzene		2.8	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Pentachlorophenol		1.7	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Phenacetin		2.5	ND(2.7) [ND(2.5)]	NA	NA	NA	NA	
Phenanthrene		640	ND(1.0) [ND(0.99)]	NA	NA	NA	NA	
Phenol		55	0.19 J [0.25 J]	NA	NA	NA	NA	
Pronamide		33000	ND(0.53) [0.33 J]	NA	NA	NA	NA	
Pyrene		4100	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Pyridine		1500	0.23 J [0.21 J]	NA	NA	NA	NA	
Satrole		55	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
Thiomazin		Not Listed	ND(0.53) [ND(0.49)]	NA	NA	NA	NA	
		330	ND(0.53) J [ND(0.49)]	NA	NA	NA	NA	

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2		19-9-19-SB-2E		19-9-19-SB-2S	
			1-3 02/17/04	1-3 12/16/05	1-3 12/16/05	1-3 12/16/05		
Furans								
2,3,7,8-TCDF	Not Applicable	Not Applicable	0.0000082 Y [0.0000070 Y]	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	Not Applicable	0.00068 J [0.00040 J]	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	Not Applicable	0.0000029 [0.0000037]	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	Not Applicable	0.0000045 [0.0000035]	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	Not Applicable	0.00049 J [0.00030 J]	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	Not Applicable	0.0000073 [0.0000057]	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	Not Applicable	0.0000042 [0.0000044]	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	Not Applicable	ND(0.00000078) J [0.0000038 J]	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	Not Applicable	0.0000052 [0.0000046]	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	Not Applicable	0.00024 J [0.00010 J]	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	Not Applicable	0.000014 [0.000011]	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	Not Applicable	ND(0.00000059) J [0.0000052 J]	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	Not Applicable	0.000025 [0.000021]	NA	NA	NA	NA	NA
OCDF	Not Applicable	Not Applicable	0.000015 [0.000011]	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD	Not Applicable	Not Applicable	ND(0.00000060) [ND(0.00000034)]	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	Not Applicable	ND(0.00000060) [ND(0.00000034)]	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	Not Applicable	ND(0.0000042) [ND(0.0000021)]	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	Not Applicable	ND(0.0000042) [ND(0.0000021)]	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	Not Applicable	ND(0.0000010) [ND(0.0000052) X]	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	Not Applicable	ND(0.0000010) J [0.0000045 J]	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	Not Applicable	ND(0.00000093) [ND(0.0000041) X]	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	Not Applicable	ND(0.0000010) J [0.0000040 J]	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	Not Applicable	0.000015 [0.0000099]	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	Not Applicable	0.000029 [0.000019]	NA	NA	NA	NA	NA
OCDD	Not Applicable	Not Applicable	0.000063 J [0.000024 J]	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	Not Applicable	0.0000078 [0.0000069]	NA	NA	NA	NA	NA
Inorganics								
Antimony	30		2.40 B [2.50 B]	NA	NA	NA	NA	NA
Arsenic	0.38		15.0 [15.0]	NA	NA	NA	NA	NA
Barium	5200		690 [580]	NA	NA	NA	NA	NA
Beryllium	150		0.520 [0.410 B]	NA	NA	NA	NA	NA
Cadmium	37		3.30 [2.40]	NA	NA	NA	NA	NA
Chromium	210		19.0 [18.0]	NA	NA	NA	NA	NA
Cobalt	3300		11.0 [8.80]	NA	NA	NA	NA	NA
Copper	2800		100 [86.0]	NA	NA	NA	NA	NA
Cyanide	11		0.240 [0.260]	NA	NA	NA	NA	NA
Lead	400		630 J [460 J]	350		530		900
Mercury	22		0.460 [0.700]	NA	NA	NA	NA	NA
Nickel	1500		28.0 [23.0]	NA	NA	NA	NA	NA
Selenium	370		5.70 [5.80]	NA	NA	NA	NA	NA
Silver	370		1.20 [0.730 B]	NA	NA	NA	NA	NA
Sulfide	350		340 [300]	NA	NA	NA	NA	NA
Thallium	6		ND(1.60) [ND(1.50)]	NA	NA	NA	NA	NA
Tin	45000		31.0 J [40.0 J]	NA	NA	NA	NA	NA
Vanadium	520		21.0 [20.0]	NA	NA	NA	NA	NA
Zinc	22000		880 [780]	NA	NA	NA	NA	NA

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2S	19-9-19-SB-2-SS	19-9-19-SB-2W	19-9-19-SB-2W
			1-3 12/16/05	0-1 08/29/06	0-1 12/16/05	1-3 12/16/05
Volatile Organics						
1,1,1,2-tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropane		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethane		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2S	19-9-19-SB-2SS	19-9-19-SB-2W	19-9-19-SB-2W
			1-3 12/16/05	0-1 08/29/06	0-1 12/16/05	1-3 12/16/05
Semivolatile Organics						
1.2.4.5-Tetrachlorobenzene		16	NA	NA	NA	NA
1.2.4-Trichlorobenzene		480	NA	NA	NA	NA
1.2-Dichlorobenzene		370	NA	NA	NA	NA
1.2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1.3.5-Trinitrobenzene		1600	NA	NA	NA	NA
1.3-Dichlorobenzene		41	NA	NA	NA	NA
1.3-Dinitrobenzene		5.5	NA	NA	NA	NA
1.4-Dichlorobenzene		3	NA	NA	NA	NA
1.4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2.3.4.6-Tetrachlorophenol		1600	NA	NA	NA	NA
2.4.5-Trichlorophenol		5500	NA	NA	NA	NA
2.4.6-Trichlorophenol		40	NA	NA	NA	NA
2.4-Dichlorophenol		160	NA	NA	NA	NA
2.4-Dimethylphenol		1100	NA	NA	NA	NA
2.4-Dinitrophenol		110	NA	NA	NA	NA
2.4-Dinitrotoluene		110	NA	NA	NA	NA
2.6-Dichlorophenol		160	NA	NA	NA	NA
2.6-Dinitrotoluene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA
3.3-Dichlorobenzidine		0.99	NA	NA	NA	NA
3.3-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4.6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7.12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a.a-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA
Aranite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzof(g,h,i)perylene		55	NA	NA	NA	NA
Benzof(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA

TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-19-SB-2S	19-9-19-SB-2-SS	19-9-19-SB-2W	19-9-19-SB-2W
			1-3 12/16/05	0-1 08/29/06	0-1 12/16/05	1-3 12/16/05
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzof(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachloroethene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrliene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodimethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopyridine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o,c'-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachloroethane		44	NA	NA	NA	NA
Pentachloronitrobenzene		2.8	NA	NA	NA	NA
Pentachloroophenol		1.7	NA	NA	NA	NA
Phenacetin		2.5	NA	NA	NA	NA
Phenanthrene		640	NA	NA	NA	NA
Phenol		55	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thioazain		330	NA	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCS	19-9-19-SB-2S	19-9-19-SB-2-SS	19-9-19-SB-2W	19-9-19-SB-2W
			1-3 12/16/05	0-1 08/29/06	0-1 12/16/05	1-3 12/16/05
Furans						
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDDF		Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDDF		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEQs)		Not Applicable	NA	NA	NA	NA
Inorganics						
Antimony		30	NA	NA	NA	NA
Arsenic		0.38	NA	NA	NA	NA
Barium		5200	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA
Lead		400	120	137 J [168 J]	820	180
Mercury		22	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA

**TABLE E-27
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-19 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.
7. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-28), but are not included in the subsequent evaluation tables (Tables E-30 and E-32). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated Maximum Possible Concentration

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-28
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-19 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics	0.013	1,400	No
Semi-volatile Organics			
Acenaphthylene	0.25	55*	No
Aniline	0.2	78	No
Anthracene	0.18	14,000	No
Benz(a)anthracene	1.7	0.56	Yes
Benz(a)pyrene	1.4	0.056	Yes
Benz(b)fluoranthene	0.84	0.56	Yes
Benz(g,h,i)perylene	0.27	55*	No
Benz(k)fluoranthene	0.35	5.6	No
Chrysene	0.46	66	No
Dibenz(a,h)anthracene	0.24	0.056	Yes
Fluoranthene	0.92	2,000	No
Fluorene	0.52	1,800	No
Indeno(1,2,3-cd)pyrene	0.68	0.56	Yes
Naphthalene	0.18	55	No
Phenanthrene	0.57	55*	No
Phenol	0.33	33,000	No
Pyrene	0.86	1,500	No
Inorganics			
Antimony	2.5	30	No
Arsenic	15	0.38	Yes
Barium	690	5,200	No
Beryllium	0.54	150	No
Cadmium	3.3	37	No
Chromium	20	210	No
Cobalt	11	3,300	No
Copper	130	2,800	No
Cyanide	0.38	11*	No
Lead	900	400	Yes
Mercury	1.3	22	No
Nickel	28	1,500	No
Selenium	7.2	370	No
Silver	1.2	370	No
Sulfide	340	350*	No
Tin	100	45,000	No
Vanadium	26	520	No
Zinc	880	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "X" depth proposed for use in the evaluations (see note 7 in preceding Table E-27).

TABLE E-29
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-19-SB-1 0-1 02/17/04	19-9-19-SB-2 0-1 02/17/04	19-9-19-SB-2E 0-1 12/16/05	19-9-19-SB-2S 0-1 12/16/05	19-9-19-SB-2SS 0-1 08/29/06	19-9-19-SB-2W 0-1 12/16/05
Semivolatile Organics						
Benzol(a)anthracene	0.32	0.41	--	--	--	--
Benzol(a)pyrene	0.31	0.36	--	--	--	--
Benzol(b)fluoranthene	0.21	0.29	--	--	--	--
Dibenzol(a,h)anthracene	0.27	0.27	--	--	--	--
Indenol(1,2,3-cd)pyrene	0.16	0.19	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.30E-05	3.80E-05	--	--	--	--
Inorganics						
Arsenic	9.10	12.0	--	--	--	--
Lead	350	760	350	900	153	820

Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-2 0-1 06/25/03	COMP-19-9-19-SB-2 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzol(a)anthracene	(See Note 1)	--	N/A (See Note 6)	0.37	7	No
Benzol(a)pyrene	(See Note 1)	--	N/A (See Note 6)	0.34	2	No
Benzol(b)fluoranthene	(See Note 1)	--	N/A (See Note 6)	0.25	7	No
Dibenzol(a,h)anthracene	(See Note 1)	--	N/A (See Note 6)	0.27	0.7	No
Indenol(1,2,3-cd)pyrene	(See Note 1)	--	N/A (See Note 6)	0.18	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	(See Note 1)	--	8.30E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	(See Note 1)	--	N/A (See Note 6)	10.6	20	No
Lead	280	544	N/A (See Note 6)	447	300	Yes

Notes:

- The lead results presented are used to delineate sample 19-9-19-SB-2W (0-1') to the west. The SVOC, Total TEQs and arsenic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-18.
- The lead result presented for this sample location represents the average result from the following samples (depth; date collected): 19-9-19-SB-2E (0-1'; 12/16/05), 19-9-19-SB-2S (0-1'; 12/16/05), 19-9-19-SB-2SS (0-1'; 8/29/06), 19-9-19-SB-2W (0-1'; 12/16/05) and 19-9-19-SB-2 (0-1'; 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

TABLE E-30
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-19-SB-2 1-3 02/17/04	19-9-19-SB-2E 1-3 12/16/05	19-9-19-SB-2S 1-3 12/16/05	19-9-19-SB-2W 1-3 12/16/05	COMP-19-9-19-SB-2 1-3 (See Note 1)
Semi-volatile Organics					
Benzo(a)anthracene	0.19	--	--	--	--
Benzo(a)pyrene	0.26	--	--	--	--
Benzo(b)fluoranthene	0.26	--	--	--	--
Dibenzo(a,h)anthracene	0.26	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.26	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEQs)	7.80E-06	--	--	--	--
Inorganics					
Arsenic	15.0	--	--	--	--
Lead	545	530	120	180	344
Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)	
Semi-volatile Organics					
Benzo(a)anthracene	N/A (See Note 6)	0.19	7	No	
Benzo(a)pyrene	N/A (See Note 6)	0.26	2	No	
Benzo(b)fluoranthene	N/A (See Note 6)	0.26	7	No	
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.26	0.7	No	
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.26	7	No	
Dioxins/Furans					
Total TEQs (WHO TEQs)	7.80E-06	N/A (See Note 6)	1.00E-03	No	
Inorganics					
Arsenic	N/A (See Note 6)	15.0	20	No	
Lead	N/A (See Note 6)	344	300	Yes	

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth, date collected):
 19-9-19-SB-2E (1-3', 12/16/05), 19-9-19-SB-2S (1-3', 12/16/05), 19-9-19-SB-2W (1-3', 12/16/05) and 19-9-19-SB-2 (1-3', 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in *italics* represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.

TABLE E-31
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-19: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-19-SB-1 0-1 02/17/04	19-9-19-SB-2 0-1 02/17/04	19-9-19-SB-2E 0-1 12/16/05	19-9-19-SB-2S 0-1 12/16/05	19-9-19-SB-2SS 0-1 08/29/06	19-9-19-SB-2W 0-1 12/16/05
Semivolatile Organics						
Benz(a)anthracene	0.32	0.41	--	--	--	--
Benz(a)pyrene	0.31	0.36	--	--	--	--
Benz(b)fluoranthene	0.21	0.29	--	--	--	--
Dibenzo(a,h)anthracene	0.27	0.27	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.16	0.19	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.30E-05	3.80E-05	--	--	--	--
Inorganics						
Arsenic	9.10	12.0	--	--	--	--
Lead	350	6.24	350	6.24	153	6.24
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-9-18-SB-2 0-1 06/25/03	COMP-19-9-19-SB-2 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Benz(a)anthracene	(See Note 1)	--	N/A (See Note 7)	0.37	7	No
Benz(a)pyrene	(See Note 1)	--	N/A (See Note 7)	0.34	2	No
Benz(b)fluoranthene	(See Note 1)	--	N/A (See Note 7)	0.25	7	No
Dibenzo(a,h)anthracene	(See Note 1)	--	N/A (See Note 7)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	(See Note 1)	--	N/A (See Note 7)	0.18	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	(See Note 1)	--	8.30E-05	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	(See Note 1)	--	N/A (See Note 7)	10.6	20	No
Lead	280	134	N/A (See Note 7)	242	300	No

Notes:

- The lead results presented are used to delineate sample 19-9-19-SB-2W (0-1') to the west.
- The SVOC, Total TEQs and arsenic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-18. The lead result presented for this sample location represents the average result from the following samples (depth, date collected): 19-9-19-SB-2E (0-1', 12/16/05), 19-9-19-SB-2S (0-1', 12/16/05), 19-9-19-SB-2SS (0-1', 8/29/06), 19-9-19-SB-2W (0-1', 12/16/05) and 19-9-19-SB-2 (0-1', 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalent quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the Rivd(S)OW* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-32
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-19: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-19-SB-2 1-3 02/17/04	19-9-19-SB-2E 1-3 12/16/05	19-9-19-SB-2S 1-3 12/16/05	19-9-19-SB-2W 1-3 12/16/05	COMP-19-9-19-SB-2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)anthracene	0.19	--	--	--	--
Benzo(a)pyrene	0.26	--	--	--	--
Benzo(b)fluoranthene	0.26	--	--	--	--
Dibenzo(a,h)anthracene	0.26	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.26	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEQs)	7.80E-06	--	--	--	--
Inorganics					
Arsenic	15.0	--	--	--	--
Lead	6.24	530	120	180	209
Semivolatile Organics					
Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)	
Benzo(a)anthracene	N/A (See Note 6)	0.19	7	No	
Benzo(a)pyrene	N/A (See Note 6)	0.26	2	No	
Benzo(b)fluoranthene	N/A (See Note 6)	0.26	7	No	
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.26	0.7	No	
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.26	7	No	
Dioxins/Furans					
Total TEQs (WHO TEQs)	7.80E-06	N/A (See Note 6)	1.00E-03	No	
Inorganics					
Arsenic	N/A (See Note 6)	15.0	20	No	
Lead	N/A (See Note 6)	209	300	No	

Notes:

- The lead result presented for this sample location represents the average result from the following samples (depth, date collected):
19-9-19-SB-2E (1-3; 12/16/05), 19-9-19-SB-2S (1-3; 12/16/05), 19-9-19-SB-2W (1-3; 12/16/05) and 19-9-19-SB-2 (1-3; 2/17/04).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

Parcels 19-9-21 and 19-9-22 (bank)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-21-SB-3	19-9-21-SB-3	19-9-21-SB-5
			0-1 06/26/03	1-3 06/26/03	0-1 06/26/03
Volatile Organics					
1,1,1,2-tetrachloroethane		2.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,1-Trichloroethane		680	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1,2-Trichloroethane		0.82	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethane		570	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,1-Dichloroethene		0.052	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2,3-Trichloropropane		0.0014	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dibromoethane		0.0049	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dichloroethane		0.34	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,2-Dichloropropane		0.34	ND(0.0058)	ND(0.0061)	ND(0.0054)
1,4-Dioxane		40	ND(0.12) J	ND(0.12) J	ND(0.11) J
2-Butanone		6900	ND(0.12)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0058)	ND(0.0061)	ND(0.0054)
2-Chloroethylvinylether		0.18	ND(0.0058)	ND(0.0061)	ND(0.0054)
2-Hexanone		750	ND(0.012)	ND(0.012)	ND(0.011)
3-Chloropropene		2700	ND(0.0058)	ND(0.0061)	ND(0.0054)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.012)	ND(0.011)
Acetone		1400	0.015 J	ND(0.024)	ND(0.022)
Acetonitrile		200	ND(0.12) J	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.12) J	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0058)	ND(0.0061)	ND(0.0054)
Benzene		0.62	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromodichloromethane		0.98	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromofom		56	ND(0.0058)	ND(0.0061)	ND(0.0054)
Bromomethane		3.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
Carbon Disulfide		350	ND(0.0058)	ND(0.0061)	ND(0.0054)
Carbon Tetrachloride		0.23	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chlorobenzene		54	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloroethane		1600	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloroform		0.24	ND(0.0058)	ND(0.0061)	ND(0.0054)
Chloromethane		1.2	ND(0.0058)	ND(0.0061)	ND(0.0054)
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dibromochloromethane		5.3	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dibromomethane		550	ND(0.0058)	ND(0.0061)	ND(0.0054)
Dichlorodifluoromethane		94	ND(0.0058)	ND(0.0061)	ND(0.0054)
Ethyl Methacrylate		140	ND(0.0058)	ND(0.0061)	ND(0.0054)
Ethylbenzene		230	ND(0.0058)	ND(0.0061)	ND(0.0054)
Iodomethane		1.2	ND(0.0058) J	ND(0.0061) J	ND(0.0054) J
Isobutanol		10000	ND(0.12) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0058)	ND(0.0061)	ND(0.0054)
Methyl Methacrylate		2200	ND(0.0058)	ND(0.0061)	ND(0.0054)
Methylene Chloride		8.5	ND(0.0058)	ND(0.0061)	ND(0.0054)
Propionitrile		200	ND(0.012)	ND(0.012)	ND(0.011)
Styrene		1700	ND(0.0058)	ND(0.0061)	ND(0.0054)
Tetrachloroethene		4.7	ND(0.0058)	ND(0.0061)	ND(0.0054)
Toluene		520	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,2-Dichloroethene		62	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	ND(0.0061)	ND(0.0054)
Trichloroethene		2.7	ND(0.0058)	ND(0.0061)	ND(0.0054)
Trichlorofluoromethane		380	ND(0.0058)	ND(0.0061)	ND(0.0054)
Vinyl Acetate		420	ND(0.0058)	ND(0.0061)	ND(0.0054)
Vinyl Chloride		0.021	ND(0.0058)	ND(0.0061)	ND(0.0054)
Xylenes (total)		210	ND(0.0058)	ND(0.0061)	ND(0.0054)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-21-SB-3		19-9-21-SB-3		19-9-21-SB-5	
			0-1 06/26/03	1-3 06/26/03	0-1 06/26/03	0-1 06/26/03		
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		16	ND(0.38) J	ND(0.40) J	ND(0.36) J			
1,2,4-Trichlorobenzene		480	ND(0.38)	0.13 J	ND(0.36)			
1,2-Dichlorobenzene		370	ND(0.38)	ND(0.40)	ND(0.36)			
1,2-Diphenylhydrazine		0.56	ND(0.38)	ND(0.40)	ND(0.36)			
1,3,5-Trinitrobenzene		1600	ND(0.38) J	ND(0.40) J	ND(0.36) J			
1,3-Dichlorobenzene		41	ND(0.38)	ND(0.40)	ND(0.36)			
1,3-Dinitrobenzene		5.5	ND(0.77)	ND(0.81)	ND(0.73)			
1,4-Dichlorobenzene		3	ND(0.38)	ND(0.40)	ND(0.36)			
1,4-Naphthoquinone		55	ND(0.77)	ND(0.81)	ND(0.73)			
1-Naphthylamine		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)			
2,3,4,6-Tetrachlorophenol		1600	ND(0.38) J	ND(0.40) J	ND(0.36) J			
2,4,5-Trichlorophenol		5500	ND(0.38)	ND(0.40)	ND(0.36)			
2,4,6-Trichlorophenol		40	ND(0.38)	ND(0.40)	ND(0.36)			
2,4-Dichlorophenol		160	ND(0.38)	ND(0.40)	ND(0.36)			
2,4-Dimethylphenol		1100	ND(0.38)	ND(0.40)	ND(0.36)			
2,4-Dinitrophenol		110	ND(2.0) J	ND(2.1) J	ND(0.36)			
2,4-Dinitrotoluene		110	ND(0.38)	ND(0.40)	ND(0.36)			
2,6-Dichlorophenol		160	ND(0.38)	ND(0.40)	ND(0.36)			
2,6-Dinitrotoluene		55	ND(0.38)	ND(0.40)	ND(0.36)			
2-Acetylaminofluorene		0.56	ND(0.77)	ND(0.81)	ND(0.73)			
2-Chloronaphthalene		3700	ND(0.38)	ND(0.40)	ND(0.36)			
2-Chlorophenol		59	ND(0.38)	ND(0.40)	ND(0.36)			
2-Methylnaphthalene		55	0.094 J	ND(0.40)	ND(0.36)			
2-Methylphenol		2700	ND(0.38)	ND(0.40)	ND(0.36)			
2-Naphthylamine		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)			
2-Nitroaniline		3.3	ND(2.0)	ND(2.1)	ND(1.8)			
2-Nitrophenol		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)			
2-Picoline		55	ND(0.38)	ND(0.40)	ND(0.36)			
3&4-Methylphenol		270	ND(0.77)	ND(0.81)	ND(0.73)			
3,3'-Dichlorobenzidine		0.99	ND(0.77) J	ND(0.81) J	ND(0.73) J			
3,3'-Dimethylbenzidine		0.048	ND(0.38)	ND(0.40)	ND(0.36)			
3-Methylcholanthrene		0.056	ND(0.77)	ND(0.81)	ND(0.73)			
3-Nitroaniline		5.5	ND(2.0)	ND(2.1)	ND(1.8)			
4,6-Dinitro-2-methylphenol		55	ND(0.38)	ND(0.40)	ND(0.36)			
4-Aminobiphenyl		1400	ND(0.77)	ND(0.81)	ND(0.73)			
4-Bromophenyl-phenylether		160	ND(0.38)	ND(0.40)	ND(0.36)			
4-Chloro-3-Methylphenol		2700	ND(0.38)	ND(0.40) J	ND(0.36)			
4-Chloroaniline		220	ND(0.38)	ND(0.40)	ND(0.36)			
4-Chlorobenzilate		1.6	ND(0.77)	ND(0.81)	ND(0.73)			
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(0.40)	ND(0.73)			
4-Nitroaniline		5.5	ND(2.0) J	ND(2.1) J	ND(1.8) J			
4-Nitrophenol		3400	ND(2.0) J	ND(2.1) J	R			
4-Nitroquinoline-1-oxide		110	ND(0.77)	ND(0.81)	ND(0.73)			
4-Phenylenediamine		10000	ND(0.77)	ND(0.81)	ND(0.73)			
5-Nitro-o-toluidine		13	ND(0.77)	ND(0.81)	ND(0.73)			
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.77)	ND(0.81)	ND(0.73)			
a,a-Dimethylphenethylamine		55	ND(0.77)	ND(0.81)	ND(0.73)			
Acenaphthene		2600	0.42	ND(0.40)	ND(0.36)			
Acenaphthylene		55	ND(0.38)	ND(0.40)	ND(0.36)			
Acetophenone		0.49	ND(0.38)	ND(0.40)	ND(0.36)			
Aniline		78	ND(0.38)	0.13 J	ND(0.36)			
Anthracene		14000	0.37 J	ND(0.40)	ND(0.36)			
Aranite		18	ND(0.77)	ND(0.81)	ND(0.73)			
Benzo(a)anthracene		0.0019	ND(0.77) J	ND(0.81) J	ND(0.73) J			
Benzo(a)pyrene		0.056	0.95	0.11 J	ND(0.36)			
Benzo(b)fluoranthene		0.56	0.92	0.094 J	ND(0.36)			
Benzo(g,h,i)perylene		55	0.69	ND(0.40)	ND(0.36)			
Benzo(k)fluoranthene		5.6	0.63	0.12 J	ND(0.36)			
Benzyl Alcohol		16000	0.72	ND(0.40)	ND(0.36)			
			ND(0.77)	ND(0.81)	R			

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-21-SB-3		19-9-21-SB-3		19-9-21-SB-5	
			0-1 06/26/03	1-3 06/26/03	0-1 06/26/03	0-1 06/26/03		
Semivolatile Organics (continued)								
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J			
bis(2-Chloroethyl)ether		0.18	ND(0.38)	ND(0.40)	ND(0.36)			
bis(2-Chloroisopropyl)ether		2.5	ND(0.38)	ND(0.40)	ND(0.36)			
bis(2-Ethylhexyl)phthalate		32	ND(0.38)	ND(0.40)	ND(0.36)			
Butylbenzylphthalate		930	ND(0.38)	ND(0.40)	ND(0.36)			
Chrysene		56	1.0	0.14 J	ND(0.36)			
Diallate		7.3	ND(0.77)	ND(0.81)	ND(0.73)			
Dibenzo(a,h)anthracene		0.056	ND(0.38)	ND(0.40)	ND(0.36)			
Dibenzofuran		210	0.10 J	ND(0.40)	ND(0.36)			
Diethylphthalate		44000	ND(0.38)	ND(0.40)	ND(0.36)			
Dimethylphthalate		100000	ND(0.38)	ND(0.40)	ND(0.36)			
Di-n-Butylphthalate		5500	ND(0.38)	ND(0.40)	ND(0.36)			
Di-n-Octylphthalate		1100	ND(0.38)	ND(0.40)	ND(0.36)			
Diphenylamine		1400	ND(0.38)	ND(0.40)	ND(0.36)			
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)			
Fluoranthene		2000	2.2	0.22 J	ND(0.36)			
Fluorene		1800	0.18 J	ND(0.40)	ND(0.36)			
Hexachlorobenzene		0.28	ND(0.38)	ND(0.40)	ND(0.36)			
Hexachlorobutadiene		5.7	ND(0.38)	ND(0.40)	ND(0.36)			
Hexachlorocyclopentadiene		380	ND(0.38) J	ND(0.40) J	ND(0.36) J			
Hexachloroethane		32	ND(0.38)	ND(0.40)	ND(0.36)			
Hexachlorophene		16	ND(0.77) J	ND(0.81) J	ND(0.73) J			
Hexachloropropene		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J			
Indeno(1,2,3-cd)pyrene		0.56	0.47	0.12 J	ND(0.36)			
Isodrin		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)			
Isophorone		470	ND(0.38)	ND(0.40)	ND(0.36)			
Isosafrole		Not Listed	ND(0.77)	ND(0.81)	ND(0.73)			
Methacrylonitrile		55	ND(0.77)	ND(0.81)	ND(0.73)			
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.40)	ND(0.36)			
Naphthalene		55	0.15 J	ND(0.40)	ND(0.36)			
Nitrobenzene		16	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosodimethylamine		0.003	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosodimethylamine		0.0087	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitroso-di-n-butylamine		0.022	ND(0.77) J	ND(0.81) J	ND(0.73) J			
N-Nitroso-di-n-propylamine		0.063	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosodiphenylamine		91	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosomethylethylamine		0.02	ND(0.77)	ND(0.81)	ND(0.73)			
N-Nitrosomorpholine		0.21	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosopiperidine		0.21	ND(0.38)	ND(0.40)	ND(0.36)			
N-Nitrosopyrrolidine		0.21	ND(0.77)	ND(0.81)	ND(0.73)			
o,o'-Triethylphosphorothioate		11	ND(0.38) J	ND(0.40) J	ND(0.36) J			
o-Tolidine		1.9	ND(0.38)	ND(0.40)	ND(0.36)			
p-Dimethylaminoazobenzene		0.99	ND(0.77)	ND(0.81)	ND(0.73)			
Pentachlorobenzene		44	ND(0.38)	ND(0.40)	ND(0.36)			
Pentachloroethane		2.8	ND(0.38)	ND(0.40)	ND(0.36)			
Pentachloronitrobenzene		1.7	ND(0.77) J	ND(0.81) J	ND(0.73) J			
Pentachlorophenol		2.5	ND(2.0)	ND(2.1) J	R			
Phenacetin		640	ND(0.77)	ND(0.81)	ND(0.73)			
Phenanthrene		55	1.7	0.13 J	ND(0.36)			
Phenol		33000	ND(0.38)	ND(0.40)	R			
Pronamide		4100	ND(0.38)	ND(0.40)	ND(0.36)			
Pyrene		1500	1.9	0.18 J	ND(0.36)			
Pyridine		55	ND(0.38)	ND(0.40)	ND(0.36)			
Safrole		Not Listed	ND(0.38) J	ND(0.40) J	ND(0.36) J			
Thionazin		330	ND(0.38)	ND(0.40)	ND(0.36)			

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRGs	19-9-21-SB-3 0-1 06/26/03	19-9-21-SB-3 1-3 06/26/03	19-9-21-SB-5 0-1 06/26/03
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.0000041)	ND(0.0000043)	ND(0.0000026)	
TCDFs (total)	Not Applicable	ND(0.0000041)	ND(0.0000043)	0.000018	
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000073)	ND(0.0000097)	ND(0.0000057)	
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000077)	ND(0.000010)	ND(0.0000060)	
PeCDFs (total)	Not Applicable	ND(0.0000073)	0.000077 J	ND(0.0000057)	
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.0000054)	ND(0.0000051)	ND(0.0000044)	
1,2,3,6,7,8-HxCDF	Not Applicable	0.00038 J	0.0028 J	0.000097 J	
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000073)	ND(0.0000070)	ND(0.0000060)	
2,3,4,6,7,8-HxCDF	Not Applicable	ND(0.0000066)	ND(0.0000062)	ND(0.0000054)	
HxCDFs (total)	Not Applicable	0.00092	0.0050 J	0.000018	
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000062	0.00018 J	0.000045	
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000069)	ND(0.0000059)	0.000011 J	
HpCDFs (total)	Not Applicable	0.000062	0.00044 J	0.000012	
OCDF	Not Applicable	0.00012	0.00016 J	0.000035	
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000099)	ND(0.0000098)	ND(0.0000045)	
TCDDs (total)	Not Applicable	ND(0.0000099)	ND(0.0000098)	ND(0.0000045)	
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000094)	ND(0.000013)	ND(0.0000081)	
PeCDDs (total)	Not Applicable	ND(0.0000094)	ND(0.000013)	ND(0.0000081)	
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000086)	ND(0.0000094)	ND(0.0000093)	
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000068)	ND(0.0000074)	ND(0.0000074)	
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000071)	ND(0.0000078)	ND(0.0000077)	
HxCDDs (total)	Not Applicable	0.000025	0.000058 J	ND(0.0000074)	
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000056	0.000060 J	0.000044	
HpCDDs (total)	Not Applicable	0.00011	0.00012 J	0.000010	
OCDD	Not Applicable	0.00034	0.00030 J	0.000036	
Total TEQs (WHO TEFs)	Not Applicable	0.000053	0.00030	0.000021	
Inorganics					
Antimony	30	ND(6.00)	0.930 B	1.20 B	
Arsenic	0.38	7.40	7.00	5.10	
Barium	5200	48.0	52.0	150	
Beryllium	150	ND(0.500)	ND(0.500)	ND(0.500)	
Cadmium	37	1.60	2.80	1.50	
Chromium	210	9.60 J	9.20 J	7.60 J	
Cobalt	3300	7.70	6.40	6.00	
Copper	2800	88.0 J	51.0 J	42.0 J	
Cyanide	11	0.170	0.0950 B	0.100 B	
Lead	400	220 J	220 J	120 J	
Mercury	22	0.230	0.370	0.110	
Nickel	1500	19.0 J	18.0 J	11.0 J	
Selenium	370	ND(1.00) J	ND(1.00) J	ND(1.00) J	
Silver	370	ND(1.00)	0.490 B	ND(1.00)	
Sulfide	350	7.40	7.80	7.00	
Thallium	6	ND(1.20)	ND(1.20)	ND(1.10)	
Tin	45000	ND(10.0)	ND(10.0)	ND(10.0)	
Vanadium	520	13.0	12.0	9.80	
Zinc	22000	150 J	160 J	55.0 J	

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-21-SB-5 1-3 06/26/03		19-9-22-SB-3 0-1 06/27/03		19-9-22-SB-3 1-3 06/27/03	
Volatile Organics								
1,1,1,2-Tetrachloroethane		2.8	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,1,1-Trichloroethane		680	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,1,2-Trichloroethane		0.82	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,1-Dichloroethane		570	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,1-Dichloroethene		0.052	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,2,3-Trichloropropane		0.0014	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,2-Dibromoethane		0.0049	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,2-Dichloroethane		0.34	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,2-Dichloropropane		0.34	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.14) J	ND(0.14) J	ND(0.14) J
2-Butanone		6900	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
2-Chloroethoxyvinylether		0.18	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.014)
3-Chloropropene		2700	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.014)
Acetone		1400	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.029)	ND(0.029)	ND(0.029)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.14) J	ND(0.14) J	ND(0.14) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.14) J	ND(0.14) J	ND(0.14) J
Acrylonitrile		0.19	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Benzene		0.62	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Bromodichloromethane		0.98	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Bromoforn		56	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Bromomethane		3.8	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Carbon Disulfide		350	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Carbon Tetrachloride		0.23	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Chlorobenzene		54	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Chloroethane		1600	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Chloroform		0.24	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Chloromethane		1.2	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Dibromochloromethane		5.3	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Dibromomethane		550	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Dichlorodifluoromethane		94	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Ethylbenzene		230	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Iodomethane		1.2	ND(0.0056) J	ND(0.0056) J	ND(0.0054) J	ND(0.0070) J	ND(0.0070) J	ND(0.0070) J
Isobutanol		10000	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.14) J	ND(0.14) J	ND(0.14) J
Methacrylonitrile		1.8	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Methyl Methacrylate		2200	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Methylene Chloride		8.5	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.014)	ND(0.014)
Styrene		1700	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Tetrachloroethene		4.7	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Toluene		520	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
trans-1,2-Dichloroethene		62	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Trichloroethene		2.7	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Trichlorofluoromethane		380	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Vinyl Acetate		420	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Vinyl Chloride		0.021	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)
Xylenes (total)		210	ND(0.0056)	ND(0.0056)	ND(0.0054)	ND(0.0070)	ND(0.0070)	ND(0.0070)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-21-SB-5 1-3 06/26/03	19-9-22-SB-3 0-1 06/27/03	19-9-22-SB-3 1-3 06/27/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
1,2,4-Trichlorobenzene		480	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,2-Dichlorobenzene		370	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,2-Diphenylhydrazine		0.56	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,3,5-Trinitrobenzene		1600	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
1,3-Dichlorobenzene		41	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,3-Dinitrobenzene		5.5	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
1,4-Dichlorobenzene		3	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
1,4-Naphthoquinone		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
1-Naphthylamine		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2,3,4,6-Tetrachlorophenol		1600	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
2,4,5-Trichlorophenol		5500	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4,6-Trichlorophenol		40	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dichlorophenol		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dimethylphenol		1100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,4-Dinitrophenol		110	ND(1.9) J [ND(1.9) J]	ND(2.2) J	ND(2.4) J
2,6-Dinitrotoluene		110	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,6-Dichlorophenol		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2,6-Dinitrotoluene		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Acetylaminofluorene		0.56	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Chloronaphthalene		3700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Chlorophenol		59	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Methylnaphthalene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.13 J
2-Methylphenol		2700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
2-Naphthylamine		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Nitroaniline		3.3	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
2-Nitrophenol		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
2-Picoline		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
3&4-Methylphenol		270	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
3,3-Dichlorobenzidine		0.99	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
3,3-Dimethylbenzidine		0.048	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
3-Methylcholanthrene		0.056	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
3-Nitroaniline		5.5	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
4,6-Dinitro-2-methylphenol		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Aminobiphenyl		1400	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Bromophenyl-phenylether		160	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chloro-3-Methylphenol		2700	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chloroaniline		220	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Chlorobenzilate		1.6	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
4-Nitroaniline		5.5	ND(1.9) J [ND(1.9) J]	ND(1.8) J	ND(2.4) J
4-Nitrophenol		3400	ND(1.9) J [ND(1.9) J]	ND(2.2) J	ND(2.4) J
4-Nitroquinoline-1-oxide		110	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
4-Phenylenediamine		10000	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
5-Nitro-o-toluidine		13	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
a,a-Dimethylphenethylamine		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Acenaphthene		2600	ND(0.38) [ND(0.37)]	ND(0.45)	0.62
Acenaphthylene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.26 J
Acetophenone		4.49	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Aniline		78	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Anthracene		14000	ND(0.38) [ND(0.37)]	ND(0.45)	0.89
Aramite		18	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Benzidine		0.0019	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
Benz(a)anthracene		0.56	0.28 J [0.32 J]	0.18 J	2.0
Benz(a)pyrene		0.056	0.23 J [0.30 J]	0.15 J	1.8
Benz(b)fluoranthene		0.56	0.20 J [0.29 J]	ND(0.45)	1.4
Benz(g,h,i)perylene		55	0.32 J [0.37 J]	ND(0.45)	1.1
Benz(k)fluoranthene		5.6	0.14 J [0.25 J]	ND(0.45)	1.5
Benzyl Alcohol		16000	ND(0.75) [ND(0.75)]	ND(0.90)	ND(0.93)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-21-SB-5 1-3 06/26/03	19-9-22-SB-3 0-1 06/27/03	19-9-22-SB-3 1-3 06/27/03
Semivolatile Organics (Continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
bis(2-Chloroethyl)ether		0.18	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
bis(2-Chloroisopropyl)ether		2.5	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
bis(2-Ethylhexyl)phthalate		32	ND(0.37) [ND(0.37)]	0.92	ND(0.46)
Butylbenzylphthalate		930	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Chrysene		56	0.30 J [0.34 J]	0.23 J	2.1
Diallate		7.3	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Dibenz(a,h)anthracene		0.056	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Dibenzofuran		210	ND(0.38) [ND(0.37)]	ND(0.45)	0.23 J
Diethylphthalate		44000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Dimethylphthalate		100000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Di-n-Butylphthalate		5500	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Di-n-Octylphthalate		1100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Diphenylamine		1400	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Ethyl Methanesulfonate		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Fluoranthene		2000	0.53 [0.54]	0.36 J	4.6
Fluorene		1800	ND(0.38) [ND(0.37)]	ND(0.45)	0.48
Hexachlorobenzene		0.28	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorobutadiene		5.7	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorocyclopentadiene		380	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Hexachloroethane		32	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Hexachlorophene		16	ND(0.75) J [ND(0.75) J]	ND(0.90) J	ND(0.93) J
Hexachloropropene		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Indeno(1,2,3-cd)pyrene		0.56	0.15 J [0.22 J]	ND(0.45)	0.90
Isodrin		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Isophorone		470	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Isosafrole		Not Listed	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Methacrylene		55	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Methyl Methanesulfonate		Not Listed	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Naphthalene		55	ND(0.38) [ND(0.37)]	ND(0.45)	0.17 J
Nitrobenzene		16	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodimethylamine		0.003	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodimethylamine		0.0087	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitroso-di-n-butylamine		0.022	ND(0.75) J [ND(0.75) J]	ND(0.73) J	ND(0.93) J
N-Nitroso-di-n-propylamine		0.063	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosodiphenylamine		91	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosomethylamine		0.02	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
N-Nitrosomorpholine		0.21	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosopiperidine		0.21	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
N-Nitrosopyrrolidine		0.21	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
o,o'-Triethylphosphorothioate		11	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
o-Tolidine		1.9	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
p-Dimethylaminoazobenzene		0.99	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Pentachlorobenzene		44	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pentachloroethane		2.8	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pentachloronitrobenzene		1.7	ND(0.75) J [ND(0.75) J]	ND(0.73) J	ND(0.93) J
Pentachlorophenol		2.5	ND(1.9) [ND(1.9)]	ND(2.2)	ND(2.4)
Phenacetin		640	ND(0.75) [ND(0.75)]	ND(0.73)	ND(0.93)
Phenanthrene		55	0.19 J [0.16 J]	0.24 J	3.3
Phenol		33000	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Promamide		4100	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Pyrene		1500	0.41 [0.45]	0.32 J	3.8
Pyridine		55	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)
Safrole		Not Listed	ND(0.38) J [ND(0.37) J]	ND(0.45) J	ND(0.46) J
Thiozarin		330	ND(0.38) [ND(0.37)]	ND(0.45)	ND(0.46)

**TABLE E-33
SUMMARY OF APPENDIX IX+33 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-21-SB-5 1-3 06/26/03	19-9-22-SB-3 0-1 06/27/03	19-9-22-SB-3 1-3 06/27/03
Furans					
2,3,7,8-TCDF	Not Applicable	ND(0.0000024)	ND(0.0000031)	ND(0.0000039)	ND(0.0000033)
TCDFs (total)	Not Applicable	0.000023 [0.000022]	ND(0.0000052)	ND(0.0000039)	0.000016 J
1,2,3,7,8-PeCDF	Not Applicable	ND(0.0000042)	ND(0.0000052)	ND(0.0000057)	ND(0.0000054)
2,3,4,7,8-PeCDF	Not Applicable	ND(0.0000044)	ND(0.0000055)	ND(0.0000060)	ND(0.0000057)
PeCDFs (total)	Not Applicable	ND(0.0000042)	ND(0.0000052)	ND(0.0000057)	0.000058 J
1,2,3,4,7,8-HxCDF	Not Applicable	ND(0.0000038)	ND(0.0000045)	ND(0.0000049)	0.000018 J
1,2,3,6,7,8-HxCDF	Not Applicable	0.000070 [0.000089]	0.00013 J	0.00013 J	0.000018 J
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.0000052)	ND(0.0000061)	ND(0.0000066)	ND(0.0000063)
2,3,4,6,7,8-HxCDF	Not Applicable	0.0000046 [0.00015 LJ]	0.00025 LJ	0.00025 LJ	ND(0.0000056)
HxCDFs (total)	Not Applicable	0.00015 J [0.00039 J]	0.00050 J	0.00021 J	ND(0.000060)
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.000021 [0.000032]	0.000021 J	0.000021 J	ND(0.000018) X
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.0000052)	0.000012 J	ND(0.0000049)	ND(0.0000049)
HpCDFs (total)	Not Applicable	0.000078 [0.000078]	0.000021 J	0.000021 J	0.000021 J
OCDF	Not Applicable	0.000052 J [0.00025 J]	0.000042 J	0.000042 J	0.000086 J
Dioxins					
2,3,7,8-TCDD	Not Applicable	ND(0.0000041)	ND(0.0000054)	ND(0.0000060)	ND(0.0000038)
TCDDs (total)	Not Applicable	ND(0.0000041)	ND(0.0000054)	ND(0.0000060)	ND(0.0000038)
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000075)	ND(0.0000079)	ND(0.0000085)	ND(0.0000068)
PeCDDs (total)	Not Applicable	ND(0.0000075)	ND(0.0000079)	ND(0.0000085)	ND(0.0000068)
1,2,3,4,7,8-HxCDD	Not Applicable	ND(0.0000051)	ND(0.0000080)	ND(0.0000076)	ND(0.0000068)
1,2,3,6,7,8-HxCDD	Not Applicable	ND(0.0000051)	ND(0.0000063)	ND(0.0000060)	ND(0.0000054)
1,2,3,7,8,9-HxCDD	Not Applicable	ND(0.0000054)	ND(0.0000066)	ND(0.0000063)	ND(0.0000056)
HxCDDs (total)	Not Applicable	ND(0.0000051)	ND(0.0000063)	ND(0.0000060)	ND(0.0000054)
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.000027 [0.000022]	0.000011 X	0.000017 J	0.000017 J
HpCDDs (total)	Not Applicable	0.000070 [0.000056]	0.000024 J	0.000034 J	0.000034 J
OCDD	Not Applicable	0.00017 [0.00013]	0.000086 J	0.000086 J	0.00014 J
Total TEQs (WHO TEFs)	Not Applicable	0.000016 [0.000034]	0.000049	0.000049	0.000012
Inorganics					
Antimony	30	1.00 B [0.950 B]	0.780 B	0.780 B	ND(6.00)
Arsenic	0.38	3.60 [4.60]	6.60	6.60	8.00
Barium	5200	74.0 [68.0]	67.0	67.0	100
Beryllium	150	ND(0.500) [ND(0.500)]	ND(0.500)	ND(0.500)	0.510
Cadmium	37	1.40 [1.70]	1.00	1.00	0.800
Chromium	210	6.30 J [12.0 J]	5.90	5.90	7.20
Cobalt	3300	ND(5.00) [ND(5.00)]	8.40	8.40	5.90
Copper	2800	18.0 J [32.0 J]	50.0	50.0	31.0
Cyanide	11	0.160 [0.130 B]	0.0850 B	0.0850 B	0.120 B
Lead	400	160 J [1600 J]	87.0	87.0	320
Mercury	22	0.160 [0.140]	0.110	0.110	0.220
Nickel	1500	9.90 J [24.0 J]	14.0	14.0	11.0
Selenium	370	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	370	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	0.300 B
Sulfide	350	16.0 [18.0]	16.0	16.0	16.0
Thallium	6	ND(1.10) [ND(1.10)]	1.40 J	1.40 J	ND(1.40) J
Tin	45000	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	520	6.80 [7.60]	5.80	5.80	13.0
Zinc	22000	290 J [960 J]	74.0	74.0	180

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-22-SB-6	19-9-22-SB-6
			0-1 03/10/05	1-3 03/10/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0059)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0059)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0059)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0059)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0059)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0059)
1,2,3-Trichloropropane		0.0014	ND(0.0067)	ND(0.0059)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0067)	ND(0.0059)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0059)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0059)
1,2-Dichloropropane		0.34	ND(0.0067)	ND(0.0059)
1,4-Dioxane		40	ND(0.13)	ND(0.12)
2-Butanone		6900	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0059)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0059)
2-Hexanone		750	ND(0.013)	ND(0.012)
3-Chloropropene		2700	ND(0.0067)	ND(0.0059)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)
Acetone		1400	ND(0.027)	ND(0.024)
Acetonitrile		200	ND(0.13)	ND(0.12)
Acrolein		0.1	ND(0.13)	ND(0.12)
Acrylonitrile		0.19	ND(0.0067)	ND(0.0059)
Benzene		0.62	ND(0.0067)	ND(0.0059)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0059)
Bromoform		56	ND(0.0067)	ND(0.0059)
Bromomethane		3.8	ND(0.0067)	ND(0.0059)
Carbon Disulfide		350	ND(0.0067)	ND(0.0059)
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0059)
Chlorobenzene		54	ND(0.0067)	ND(0.0059)
Chloroethane		1600	ND(0.0067)	ND(0.0059)
Chloroform		0.24	ND(0.0067)	ND(0.0059)
Chloromethane		1.2	ND(0.0067)	ND(0.0059)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0059)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0059)
Dibromomethane		550	ND(0.0067)	ND(0.0059)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0059)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0059)
Ethylbenzene		230	ND(0.0067)	ND(0.0059)
Iodomethane		1.2	ND(0.0067)	ND(0.0059)
Isobutanol		10000	0.83	0.96
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0059)
Methyl Methacrylate		2200	ND(0.0067)	ND(0.0059)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0059)
Propionitrile		200	ND(0.013)	ND(0.012)
Styrene		1700	ND(0.0067)	ND(0.0059)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0059)
Toluene		520	ND(0.0067)	ND(0.0059)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0059)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0059)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0059)
Trichloroethene		2.7	ND(0.0067)	ND(0.0059)
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0059)
Vinyl Acetate		420	ND(0.0067)	ND(0.0059)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0059)
Xylenes (total)		210	ND(0.0067)	ND(0.0059)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-22-SB-6	19-9-22-SB-6
			0-1 03/10/05	1-3 03/10/05
Semi-volatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.45)	ND(0.40)
1,2,4-Trichlorobenzene		480	ND(0.45)	ND(0.40)
1,2-Dichlorobenzene		370	ND(0.45)	ND(0.40)
1,2-Diphenylhydrazine		0.56	ND(0.45)	ND(0.40)
1,3,5-Trinitrobenzene		1600	ND(0.45)	ND(0.40)
1,3-Dichlorobenzene		41	ND(0.45)	ND(0.40)
1,3-Dinitrobenzene		5.5	ND(0.90)	ND(0.80)
1,4-Dichlorobenzene		3	ND(0.45)	ND(0.40)
1,4-Naphthoquinone		55	ND(0.90)	ND(0.80)
1-Naphthylamine		Not Listed	ND(0.90)	ND(0.80)
2,3,4,6-Tetrachlorophenol		1600	ND(0.45)	ND(0.40)
2,4,5-Trichlorophenol		5500	ND(0.45)	ND(0.40)
2,4,6-Trichlorophenol		40	ND(0.45)	ND(0.40)
2,4-Dichlorophenol		160	ND(0.45)	ND(0.40)
2,4-Dimethylphenol		1100	ND(0.45)	ND(0.40)
2,4-Dinitrophenol		110	ND(2.3)	ND(2.0)
2,4-Dinitrotoluene		110	ND(0.45)	ND(0.40)
2,6-Dichlorophenol		160	ND(0.45)	ND(0.40)
2,6-Dinitrotoluene		55	ND(0.45)	ND(0.40)
2-Acetylaminofluorene		0.56	ND(0.90)	ND(0.80)
2-Chloronaphthalene		3700	ND(0.45)	ND(0.40)
2-Chlorophenol		59	ND(0.45)	ND(0.40)
2-Methylnaphthalene		55	ND(0.45)	ND(0.40)
2-Methylphenol		2700	ND(0.45)	ND(0.40)
2-Naphthylamine		Not Listed	ND(0.90)	ND(0.80)
2-Nitroaniline		3.3	ND(2.3)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.90)	ND(0.80)
2-Picoline		55	ND(0.45)	ND(0.40)
3,8,4-Methylphenol		270	ND(0.90)	ND(0.80)
3,3-Dichlorobenzidine		0.99	ND(0.90)	ND(0.80)
3,3'-Dimethylbenzidine		0.048	ND(0.45)	ND(0.40)
3-Methylcholanthrene		0.056	ND(0.90)	ND(0.80)
3-Nitroaniline		5.5	ND(2.3)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.45)	ND(0.40)
4-Aminobiphenyl		1400	ND(0.90)	ND(0.80)
4-Bromophenyl-phenylether		160	ND(0.45)	ND(0.40)
4-Chloro-3-Methylphenol		2700	ND(0.45)	ND(0.40)
4-Chloroaniline		220	ND(0.45)	ND(0.40)
4-Chlorobenzilate		1.6	ND(0.90)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	ND(0.45)	ND(0.40)
4-Nitroaniline		5.5	ND(2.3)	ND(2.0)
4-Nitrophenol		3400	ND(2.3)	ND(2.0)
4-Nitroquinoline-1-oxide		110	ND(0.90)	ND(0.80)
4-Phenylenediamine		10000	ND(0.90)	ND(0.80)
5-Nitro-o-toluidine		13	ND(0.90)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.90)	ND(0.80)
a,a'-Dimethylphenethylamine		55	ND(0.90)	ND(0.80)
Acenaphthene		2600	ND(0.45)	ND(0.40)
Acenaphthylene		55	ND(0.45)	0.050 J
Acetophenone		0.49	ND(0.45)	ND(0.40)
Aniline		78	ND(0.45)	ND(0.40)
Anthracene		14000	ND(0.45)	0.077 J
Aramite		18	ND(0.90)	ND(0.80)
Benzidine		0.0019	ND(0.90)	ND(0.80)
Benzo(a)anthracene		0.56	0.086 J	0.29 J
Benzo(a)pyrene		0.056	0.11 J	0.28 J
Benzo(b)fluoranthene		0.56	0.19 J	0.24 J
Benzo(g,h,i)perylene		55	0.12 J	0.18 J
Benzo(k)fluoranthene		5.6	0.17 J	0.26 J
Benzyl Alcohol		16000	ND(0.90)	ND(0.80)

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCS	19-9-22-SB-6 0-1 03/10/05	19-9-22-SB-6 1-3 03/10/05
Semivolatile Organics (continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.45)	ND(0.40)
bis(2-Chloroethyl)ether		0.18	ND(0.45)	ND(0.40)
bis(2-Chloroisopropyl)ether		2.5	ND(0.45)	ND(0.40)
bis(2-Ethylhexyl)phthalate		32	0.93	ND(0.39)
Butylbenzylphthalate		930	0.65	0.82
Chrysene		56	0.15 J	0.30 J
Diallylate		7.3	ND(0.90)	ND(0.80)
Dibenzo(a,h)anthracene		0.056	ND(0.45)	0.047 J
Dibenzofuran		210	ND(0.45)	ND(0.40)
Diethylphthalate		44000	ND(0.45)	ND(0.40)
Dimethylphthalate		100000	ND(0.45)	ND(0.40)
Di-n-Butylphthalate		5500	ND(0.45)	ND(0.40)
Di-n-Octylphthalate		1100	ND(0.45)	ND(0.40)
Diphenylamine		1400	ND(0.45)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.40)
Fluoranthene		2000	0.17 J	0.59
Fluorene		1800	ND(0.45)	ND(0.40)
Hexachlorobenzene		0.28	ND(0.45)	ND(0.40)
Hexachlorobutadiene		5.7	ND(0.45)	ND(0.40)
Hexachlorocyclopentadiene		380	ND(0.45)	ND(0.40)
Hexachloroethane		32	ND(0.45)	ND(0.40)
Hexachlorophene		16	ND(0.90)	ND(0.80)
Hexachloropropene		Not Listed	ND(0.45)	ND(0.40)
Indeno(1,2,3-cd)pyrene		0.56	0.091 J	0.14 J
Isodrin		Not Listed	ND(0.45)	ND(0.40)
Isophorone		470	ND(0.45)	ND(0.40)
Isosafrole		Not Listed	ND(0.90)	ND(0.80)
Methapyrene		55	ND(0.90)	ND(0.80)
Methyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.40)
Naphthalene		55	ND(0.45)	ND(0.40)
Nitrobenzene		16	ND(0.45)	ND(0.40)
N-Nitrosodiethylamine		0.003	ND(0.45)	ND(0.40)
N-Nitrosodimethylamine		0.0087	ND(0.45)	ND(0.40)
N-Nitroso-di-n-butylamine		0.022	ND(0.90)	ND(0.80)
N-Nitroso-di-n-propylamine		0.063	ND(0.45)	ND(0.40)
N-Nitrosodiphenylamine		91	0.97	ND(0.40)
N-Nitrosomethylamine		0.02	ND(0.90)	ND(0.80)
N-Nitrosomorpholine		0.21	ND(0.45)	ND(0.40)
N-Nitrosopiperidine		0.21	ND(0.45)	ND(0.40)
N-Nitrosopyrrolidine		0.21	ND(0.90)	ND(0.80)
O,o'-Triethylphosphorothioate		11	ND(0.45)	ND(0.40)
O,o'-Toluidine		1.9	ND(0.45)	ND(0.40)
p-Dimethylaminoazobenzene		0.99	ND(0.90)	ND(0.80)
Pentachlorobenzene		44	ND(0.45)	ND(0.40)
Pentachloroethane		2.8	ND(0.45)	ND(0.40)
Pentachloronitrobenzene		1.7	ND(0.90)	ND(0.80)
Pentachlorophenol		2.5	ND(2.3)	ND(2.0)
Phenacetin		640	ND(0.90)	ND(0.80)
Phenanthrene		55	0.068 J	0.29 J
Phenol		33000	ND(0.45)	ND(0.40)
Pronamide		4100	ND(0.45)	ND(0.40)
Pyrene		1500	0.21 J	0.58
Pyridine		55	ND(0.45)	ND(0.40)
Safrole		Not Listed	ND(0.45)	ND(0.40)
Thionazin		330	ND(0.45)	ND(0.40)

**TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCS	19-9-22-SB-6 0-1 03/10/05	19-9-22-SB-6 1-3 03/10/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.0000023 Y	0.000020 Y
TCDFs (total)		Not Applicable	0.000043	0.00013
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000014)	0.0000059 J
2,3,4,7,8-PeCDF		Not Applicable	0.0000037 J	0.0000062 J
PeCDFs (total)		Not Applicable	0.00015	0.000083
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000027)	0.0000061 J
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000052 J	0.0000041 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000097)	ND(0.00000087)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000065	0.0000048 J
HxCDFs (total)		Not Applicable	0.00014	0.000070
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000017	0.000017
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000013)	ND(0.0000015)
HpCDFs (total)		Not Applicable	0.000038	0.000034
OCDF		Not Applicable	0.000018	0.000025
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000041)	ND(0.00000051)
TCDDs (total)		Not Applicable	ND(0.00000052)	0.0000050
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000011)	ND(0.00000092)
PeCDDs (total)		Not Applicable	ND(0.0000030)	ND(0.00000036)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000098)	ND(0.00000091)
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000032 J	ND(0.00000026)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000029)	ND(0.0000022)
HxCDDs (total)		Not Applicable	0.000023	0.000013
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000035	0.000028
HpCDDs (total)		Not Applicable	0.000064	0.000050
OCDD		Not Applicable	0.00020	0.00016
Total TEQs (WHO TEFs)		Not Applicable	0.0000053	0.0000084
Inorganics				
Antimony		30	4.60 B	ND(6.00)
Arsenic		0.38	5.50	4.50
Barium		5200	120	43.0
Beryllium		150	0.450 B	0.420 B
Cadmium		37	6.00	0.620
Chromium		210	65.0	11.0
Cobalt		3300	10.0	5.70
Copper		2800	240	24.0
Cyanide		11	0.160	0.240
Lead		400	160	81.0
Mercury		22	0.0250 B	0.270
Nickel		1500	34.0	12.0
Selenium		370	1.90	0.980 B
Silver		370	ND(1.00)	ND(1.00)
Sulfide		350	19.0	15.0
Thallium		6	ND(1.30)	ND(1.20)
Tin		45000	16.0	6.30 B
Vanadium		520	20.0	14.0
Zinc		22000	370	110

TABLE E-33
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-34
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-9-21 AND 19-9-22 (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.015	1,400	No
Isobutanol	0.96	10,000	No
Toluene	0.003	520	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.13	480	No
2-Methylnaphthalene	0.13	55*	No
Acenaphthene	0.62	2,600	No
Acenaphthylene	0.26	55*	No
Aniline	0.13	78	No
Anthracene	0.89	14,000	No
Benzol(a)anthracene	2	0.56	Yes
Benzol(a)pyrene	1.8	0.056	Yes
Benzol(b)fluoranthene	1.4	0.56	Yes
Benzol(g,h,i)perylene	1.1	55*	No
Benzol(k)fluoranthene	1.5	5,6	No
bis(2-Ethylhexyl)phthalate	0.93	32	No
Bulkybenzylphthalate	0.82	930	No
Chrysene	2.1	56	No
Dibenzol(a,h)anthracene	0.047	0.056	No
Dibenzofuran	0.23	210	No
Fluoranthene	4.6	2,000	No
Fluorene	0.48	1,800	No
Indeno(1,2,3-cd)pyrene	0.9	0.56	Yes
Naphthalene	0.17	55	No
N-Nitrosodiphenylamine	0.97	91	No
Phenanthrene	3.3	55*	No
Pyrene	3.8	1,500	No
Inorganics			
Antimony	4.6	30	No
Arsenic	8	0.38	Yes
Barium	150	5,200	No
Beryllium	0.51	150	No
Cadmium	6	37	No
Chromium	65	210	No
Cobalt	10	3,300	No
Copper	240	2,800	No
Cyanide	0.24	11*	No
Lead	1,600	400	Yes
Mercury	0.37	22	No
Nickel	34	1,500	No
Selenium	1.9	370	No
Silver	0.49	370	No
Sulfide	19	350*	No
Thallium	1.4	6	No
Tin	16	45,000	No
Vanadium	20	520	No
Zinc	960	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-35
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-3 0-1 06/26/03	19-9-21-SB-5 0-1 06/26/03	19-9-22-SB-3 0-1 06/27/03	19-9-22-SB-6 0-1 03/10/05
Semivolatile Organics				
Benzol(a)anthracene	0.95	0.18	0.18	0.086
Benzol(a)pyrene	0.92	0.18	0.15	0.11
Benzol(b)fluoranthene	0.69	0.18	0.23	0.19
Indeno(1,2,3-cd)pyrene	0.47	0.18	0.23	0.091
Total TEQs (WHO TEQs)	5.30E-05	2.10E-05	4.90E-05	5.30E-06
Inorganics				
Arsenic	7.40	5.10	6.60	5.50
Lead	220	120	87.0	160
Semivolatile Organics				
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Benzol(a)anthracene	N/A (See Note 5)	0.35	7	No
Benzol(a)pyrene	N/A (See Note 5)	0.34	2	No
Benzol(b)fluoranthene	N/A (See Note 5)	0.32	7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.24	7	No
Dioxins/Furans				
Total TEQs (WHO TEQs)	5.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.15	20	No
Lead	N/A (See Note 5)	147	300	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-36
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-3 0-1 06/26/03	19-9-21-SB-5 0-1 06/26/03	19-9-22-SB-3 0-1 06/27/03	19-9-22-SB-6 0-1 03/10/05	19-9-21-SB-3 1-3 06/26/03	19-9-21-SB-5 1-3 06/26/03
Semivolatile Organics						
Benzo(a)anthracene	0.95	0.18	0.18	0.086	0.11	0.30
Benzo(a)pyrene	0.92	0.18	0.15	0.11	0.094	0.27
Benzo(b)fluoranthene	0.69	0.18	0.23	0.19	0.20	0.25
Indeno(1,2,3-cd)pyrene	0.47	0.18	0.23	0.091	0.12	0.19
Dioxins/Furans						
Total TEQs (WHO TEQs)	5.30E-05	2.10E-05	4.90E-05	5.30E-06	3.00E-04	3.40E-05
Inorganics						
Arsenic	7.40	5.10	6.60	5.50	7.00	4.10
Lead	220	120	87.0	160	220	880
Sample ID: Sample Depth(Feet): Date Collected:	19-9-22-SB-3 1-3 06/27/03	19-9-22-SB-6 1-3 03/10/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	2.0	0.29	N/A (See Note 5)	0.51	7	No
Benzo(a)pyrene	1.8	0.28	N/A (See Note 5)	0.48	2	No
Benzo(b)fluoranthene	1.4	0.24	N/A (See Note 5)	0.42	7	No
Indeno(1,2,3-cd)pyrene	0.90	0.14	N/A (See Note 5)	0.29	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.20E-05	8.40E-06	3.00E-04	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	8.00	4.50	N/A (See Note 5)	6.03	20	No
Lead	320	81.0	N/A (See Note 5)	261	300	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River/SOW* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - Total TEQ concentrations in *italics* represent the maximum value for the sample location/depth increment in question.

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Parcels 19-9-21 and 19-9-22
(non-bank)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6 3-6 03/10/05	19-9-21-SB-6 4-6 03/10/05	19-9-21-SB-6 10-12 03/10/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		6.8	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,1,1-Trichloroethane		1400	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,1,2,2-Tetrachloroethane		0.87	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,1,2-Trichloroethane		1.9	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,1-Dichloroethane		2000	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,1-Dichloroethene		0.12	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,2,3-Trichloropropane		0.0031	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,2-Dibromo-3-chloropropane		2.1	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,2-Dibromoethane		0.029	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,2-Dichloroethane		0.76	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,2-Dichloropropane		0.76	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
1,4-Dioxane		270	NA	ND(0.011) [ND(0.012)]	ND(0.12)
2-Butanone		27000	NA	ND(0.011) [ND(0.012)]	ND(0.012)
2-Chloro-1,3-butadiene		12	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
2-Chloroethylvinylether		0.56	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
2-Hexanone		2800	NA	ND(0.011) [ND(0.012)]	ND(0.012)
3-Chloropropene		52000	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
4-Methyl-2-pentanone		2800	NA	ND(0.011) [ND(0.012)]	ND(0.012)
Acetone		6100	NA	ND(0.022) [ND(0.023)]	ND(0.024)
Acetonitrile		1300	NA	ND(0.11) [ND(0.12)]	ND(0.12)
Acrolein		0.34	NA	ND(0.11) [ND(0.12)]	ND(0.12)
Acrylonitrile		0.49	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Benzene		1.4	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Bromodichloromethane		2.3	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Bromoform		380	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Bromomethane		13	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Carbon Disulfide		1200	NA	0.0030 J [ND(0.0058)]	ND(0.012)
Carbon Tetrachloride		0.52	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Chlorobenzene		180	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Chloroethane		1600	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Chloroform		0.52	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Chloromethane		2.6	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Dibromochloromethane		36	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Dibromomethane		11000	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Dichlorodifluoromethane		3.10	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Ethyl Methacrylate		140	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Ethylbenzene		230	NA	ND(0.0056) [ND(0.0058)]	0.089
Iodomethane		2.6	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Isobutanol		40000	NA	0.92 E [ND(0.12)]	ND(0.12)
Methacrylonitrile		8.4	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Methyl Methacrylate		7300	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Methylene Chloride		20	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Propionitrile		1300	NA	ND(0.011) [ND(0.012)]	ND(0.012)
Styrene		1700	NA	ND(0.0056) [ND(0.0058)]	0.0060 J
Tetrachloroethene		16	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Toluene		520	NA	ND(0.0056) [ND(0.0058)]	0.11
trans-1,2-Dichloroethene		210	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Trichloroethene		6.1	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Trichlorofluoromethane		1300	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Vinyl Acetate		1400	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Vinyl Chloride		0.048	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)
Xylenes (total)		210	NA	ND(0.0056) [ND(0.0058)]	0.28

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6		19-9-21-SB-6 10-12 03/10/05
			3-6 03/10/05	4-6 03/10/05	
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene	320		ND(3.8) [ND(0.38)]	NA	NA
1,2,4-Trichlorobenzene	1700		ND(3.8) [ND(0.38)]	NA	NA
1,2-Dichlorobenzene	370		ND(3.8) [ND(0.38)]	NA	NA
1,2-Diphenylhydrazine	3.7		ND(3.8) [ND(0.38)]	NA	NA
1,3,5-Trinitrobenzene	32000		ND(3.8) [ND(0.38)]	NA	NA
1,3-Dichlorobenzene	140		ND(3.8) [ND(0.38)]	NA	NA
1,3-Dinitrobenzene	110		ND(3.8) [ND(0.76)]	NA	NA
1,4-Dichlorobenzene	7.3		ND(3.8) [ND(0.38)]	NA	NA
1,4-Naphthoquinone	190		ND(3.8) [ND(0.76)]	NA	NA
1-Naphthylamine	Not Listed		ND(3.8) [ND(0.76)]	NA	NA
2,3,4,6-Tetrachlorophenol	32000		ND(3.8) [ND(0.38)]	NA	NA
2,4,5-Trichlorophenol	110000		ND(3.8) [ND(0.38)]	NA	NA
2,4,6-Trichlorophenol	270		ND(3.8) [ND(0.38)]	NA	NA
2,4-Dichlorophenol	3200		ND(3.8) [ND(0.38)]	NA	NA
2,4-Dimethylphenol	21000		ND(3.8) [ND(0.38)]	NA	NA
2,4-Dinitrophenol	2100		ND(1.9) [ND(1.9)]	NA	NA
2,4-Dinitrotoluene	2100		ND(3.8) [ND(0.38)]	NA	NA
2,6-Dichlorophenol	3200		ND(3.8) [ND(0.38)]	NA	NA
2,6-Dinitrotoluene	1100		ND(3.8) [ND(0.38)]	NA	NA
2-Acetylaminofluorene	3.6		ND(3.8) [ND(0.76)]	NA	NA
2-Chloronaphthalene	24000		ND(3.8) [ND(0.38)]	NA	NA
2-Chlorophenol	240		ND(3.8) [ND(0.38)]	NA	NA
2-Methylnaphthalene	190		ND(3.8) [0.24 J]	NA	NA
2-Methylphenol	53000		ND(3.8) [ND(0.38)]	NA	NA
2-Naphthylamine	Not Listed		ND(3.8) [ND(0.76)]	NA	NA
2-Nitroaniline	64		ND(1.9) [ND(1.9)]	NA	NA
2-Nitrophenol	Not Listed		ND(3.8) [ND(0.76)]	NA	NA
2-Picoline	1100		ND(3.8) [ND(0.38)]	NA	NA
3&4-Methylphenol	5300		ND(3.8) [ND(0.76)]	NA	NA
3,3'-Dichlorobenzidine	6.7		ND(7.6) [ND(0.76)]	NA	NA
3,3'-Dimethylbenzidine	0.33		ND(3.8) [ND(0.38)]	NA	NA
3-Methylcholanthrene	0.36		ND(3.8) [ND(0.76)]	NA	NA
3-Nitroaniline	110		ND(1.9) [ND(1.9)]	NA	NA
4,6-Dinitro-2-methylphenol	1100		ND(3.8) [ND(0.38)]	NA	NA
4-Aminobiphenyl	27000		ND(3.8) [ND(0.76)]	NA	NA
4-Bromophenyl-phenylether	3200		ND(3.8) [ND(0.38)]	NA	NA
4-Chloro-3-Methylphenol	53000		ND(3.8) [ND(0.38)]	NA	NA
4-Chloroaniline	4300		ND(3.8) [ND(0.38)]	NA	NA
4-Chlorobenzilate	11		ND(3.8) [ND(0.76)]	NA	NA
4-Chlorophenyl-phenylether	Not Listed		ND(3.8) [ND(0.38)]	NA	NA
4-Nitroaniline	110		ND(3.8) [ND(1.9)]	NA	NA
4-Nitrophenol	66000		ND(1.9) [ND(1.9)]	NA	NA
4-Nitroquinoline-1-oxide	2100		ND(3.8) [ND(0.76)]	NA	NA
4-Phenylenediamine	100000		ND(3.8) [ND(0.76)]	NA	NA
5-Nitro-o-toluidine	91		ND(3.8) [ND(0.76)]	NA	NA
7,12-Dimethyl/benz(a)anthracene	0.36		ND(3.8) [ND(0.76)]	NA	NA
a,a'-Dimethylphenylamine	1100		ND(3.8) [ND(0.76)]	NA	NA
Acenaphthene	28000		ND(3.8) [1.1]	NA	NA
Acenaphthylene	190		ND(3.8) [0.039 J]	NA	NA
Acetophenone	1.6		ND(3.8) [ND(0.38)]	NA	NA
Aniline	530		ND(3.8) [ND(0.38)]	NA	NA
Anthracene	220000		ND(3.8) [1.6]	NA	NA
Aramite	120		ND(3.8) [ND(0.76)]	NA	NA
Benzol(a)anthracene	0.013		ND(7.6) [ND(0.76)]	NA	NA
Benzol(a)pyrene	0.36		0.41 J [2.9]	NA	NA
Benzol(b)fluoranthene	3.6		0.45 J [2.4]	NA	NA
Benzol(g,h)perylene	3.6		0.36 J [1.9]	NA	NA
Benzol(k)fluoranthene	190		ND(3.8) [1.3]	NA	NA
Benzyl Alcohol	36		0.43 J [2.2]	NA	NA
	100000		ND(7.6) [ND(0.76)]	NA	NA

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6		19-9-21-SB-6	
			3-6 03/10/05	4-6 03/10/05	10-12 03/10/05	
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
bis(2-Chloroethyl)ether	0.56	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
bis(2-Chloroisopropyl)ether	7.4	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
bis(2-Ethylhexyl)phthalate	210	Not Listed	ND(1.9) [ND(0.38)]	NA	NA	NA
Butylbenzylphthalate	930	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Chrysene	360	Not Listed	0.48 J [2.7]	NA	NA	NA
Diallate	49	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Dibenzo(a,h)anthracene	0.36	Not Listed	ND(3.8) [0.32 J]	NA	NA	NA
Dibenzofuran	3200	Not Listed	ND(3.8) [0.50]	NA	NA	NA
Diethylphthalate	100000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Dimethylphthalate	100000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Di-n-Butylphthalate	110000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Di-n-Octylphthalate	10000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Diphenylamine	27000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Ethyl Methanesulfonate	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Fluoranthene	37000	Not Listed	0.74 J [5.9]	NA	NA	NA
Fluorene	22000	Not Listed	ND(3.8) [0.83]	NA	NA	NA
Hexachlorobenzene	1.9	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Hexachlorobutadiene	38	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Hexachlorocyclopentadiene	7100	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Hexachloroethane	210	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Hexachlorophene	320	Not Listed	ND(7.6) [ND(0.76)]	NA	NA	NA
Hexachloropropene	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Indenol(1,2,3-cd)pyrene	3.6	Not Listed	ND(3.8) [1.2]	NA	NA	NA
Isodrin	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Isophorone	3200	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Isosafrole	Not Listed	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Methapyllene	190	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Methyl Methanesulfonate	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Naphthalene	190	Not Listed	ND(3.8) [0.54]	NA	NA	NA
Nitrobenzene	100	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosodimethylamine	0.02	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosodimethylamine	0.059	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitroso-di-n-butylamine	0.058	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
N-Nitroso-di-n-propylamine	0.43	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosodiphenylamine	610	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosomethylethylamine	0.14	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
N-Nitrosomorpholine	1.4	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosopiperidine	1.4	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
N-Nitrosopyrrolidine	1.4	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
o,o'-Triethylphosphorothioate	210	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
o-Toluidine	12	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
p-Dimethylaminoazobenzene	6.7	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Pentachlorobenzene	860	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Pentachloroethane	6.8	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Pentachloronitrobenzene	12	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Pentachlorophenol	15	Not Listed	ND(19) [ND(1.9)]	NA	NA	NA
Phenacetin	14000	Not Listed	ND(3.8) [ND(0.76)]	NA	NA	NA
Phenanthrene	190	Not Listed	0.51 J [5.8]	NA	NA	NA
Phenol	100000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Promamide	80000	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Pyrene	26000	Not Listed	0.69 J [5.7]	NA	NA	NA
Pyridine	1100	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Safrole	Not Listed	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA
Thionazin	6400	Not Listed	ND(3.8) [ND(0.38)]	NA	NA	NA

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6 3-6 03/10/05	19-9-21-SB-6 4-6 03/10/05	19-9-21-SB-6 10-12 03/10/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.000051 Y [0.000040 Y]	NA	NA
TCDFs (total)		Not Applicable	0.00035 [0.00024]	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	0.000014 [0.000013]	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000026 [0.000021]	NA	NA
PeCDFs (total)		Not Applicable	0.000034 [0.000036]	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.000037 [0.000036]	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.000025 [0.000028]	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND[0.0000038] [ND[0.0000048]]	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.000022 [0.000029]	NA	NA
HxCDFs (total)		Not Applicable	0.00095 [0.00092]	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000079 [0.000085]	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000012 [0.000013]	NA	NA
HpCDFs (total)		Not Applicable	0.00023 [0.00023]	NA	NA
OCDF		Not Applicable	0.000041 [0.000035]	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND[0.00000054] [ND[0.00000047]]	NA	NA
TCDDs (total)		Not Applicable	ND[0.00000054] [0.0000027]	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND[0.0000019] [ND[0.0000016]]	NA	NA
PeCDDs (total)		Not Applicable	ND[0.0000023] [ND[0.0000037]]	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000050 J [ND[0.0000014]]	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000055 J [ND[0.0000028]]	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000052 J [ND[0.0000020]]	NA	NA
HxCDDs (total)		Not Applicable	0.0000049 [0.0000025]	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000026 [0.000024]	NA	NA
HpCDDs (total)		Not Applicable	0.000057 [0.000049]	NA	NA
OCDD		Not Applicable	0.00013 [0.00014]	NA	NA
Total TEQs (WHO TEQs)		Not Applicable	0.000031 [0.000027]	NA	NA
Inorganics					
Antimony		750	ND[6.00] [ND[6.00]]	NA	NA
Arsenic		3	6.10 [3.80]	NA	NA
Barium		100000	47.0 [33.0]	NA	NA
Beryllium		3400	0.360 B [0.320 B]	NA	NA
Cadmium		930	0.530 [0.340 B]	NA	NA
Chromium		450	13.0 [7.80]	NA	NA
Cobalt		29000	7.70 [5.00]	NA	NA
Copper		70000	39.0 [28.0]	NA	NA
Cyanide		35	0.0660 B [0.130 B]	NA	NA
Lead		1000	34.0 [25.0]	NA	NA
Mercury		560	0.200 [0.280]	NA	NA
Nickel		37000	17.0 [9.40]	NA	NA
Selenium		9400	0.990 B [ND[1.00]]	NA	NA
Silver		9400	0.270 B [0.160 B]	NA	NA
Sulfide		1200	16.0 [27.0]	NA	NA
Thallium		150	ND[1.10] [ND[1.10]]	NA	NA
Tin		100000	5.80 B [4.20 B]	NA	NA
Vanadium		13000	11.0 [6.80]	NA	NA
Zinc		100000	80.0 [55.0]	NA	NA

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial Prgs	19-9-21-SB-6	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-7
			10-15 03/10/05	0-1 03/10/05	1-3 03/10/05	6-10 03/10/05
Volatile Organics						
1,1,1,2-tetrachloroethane		6.8	NA	ND(0.0058)	ND(0.0059)	NA
1,1,1-Trichloroethane		1400	NA	ND(0.0058)	ND(0.0059)	NA
1,1,2,2-Tetrachloroethane		0.87	NA	ND(0.0058)	ND(0.0059)	NA
1,1,2-Trichloroethane		1.9	NA	ND(0.0058)	ND(0.0059)	NA
1,1-Dichloroethane		2000	NA	ND(0.0058)	ND(0.0059)	NA
1,1-Dichloroethene		0.12	NA	ND(0.0058)	ND(0.0059)	NA
1,2,3-Trichloropropane		0.0031	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dibromo-3-chloropropane		2.1	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dibromoethane		0.029	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dichloroethane		0.76	NA	ND(0.0058)	ND(0.0059)	NA
1,2-Dichloropropane		0.76	NA	ND(0.0058)	ND(0.0059)	NA
1,4-Dioxane		270	NA	ND(0.12)	ND(0.12)	NA
2-Butanone		27000	NA	ND(0.012)	ND(0.012)	NA
2-Chloro-1,3-butadiene		12	NA	ND(0.0058)	ND(0.0059)	NA
2-Chloroethylvinylether		0.56	NA	ND(0.0058)	ND(0.0059)	NA
2-Hexanone		2800	NA	ND(0.012)	ND(0.012)	NA
3-Chloropropane		52000	NA	ND(0.0058)	ND(0.0059)	NA
4-Methyl-2-pentanone		2800	NA	ND(0.012)	ND(0.012)	NA
Acetone		6100	NA	ND(0.023)	ND(0.024)	NA
Acetonitrile		1300	NA	ND(0.12)	ND(0.12)	NA
Acrolein		0.34	NA	ND(0.12)	ND(0.12)	NA
Acrylonitrile		0.49	NA	ND(0.0058)	ND(0.0059)	NA
Benzene		1.4	NA	ND(0.0058)	ND(0.0059)	NA
Bromodichloromethane		2.3	NA	ND(0.0058)	ND(0.0059)	NA
Bromoform		380	NA	ND(0.0058)	ND(0.0059)	NA
Bromomethane		13	NA	ND(0.0058)	ND(0.0059)	NA
Carbon Disulfide		1200	NA	ND(0.0058)	ND(0.0059)	NA
Carbon Tetrachloride		0.52	NA	ND(0.0058)	ND(0.0059)	NA
Chlorobenzene		180	NA	ND(0.0058)	ND(0.0059)	NA
Chloroethane		1600	NA	ND(0.0058)	ND(0.0059)	NA
Chloroform		0.52	NA	ND(0.0058)	ND(0.0059)	NA
Chloromethane		2.6	NA	ND(0.0058)	0.0045 J	NA
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0058)	ND(0.0059)	NA
Dibromochloromethane		36	NA	ND(0.0058)	ND(0.0059)	NA
Dibromomethane		11000	NA	ND(0.0058)	ND(0.0059)	NA
Dichlorodifluoromethane		310	NA	ND(0.0058)	ND(0.0059)	NA
Ethyl Methacrylate		140	NA	ND(0.0058)	ND(0.0059)	NA
Ethylbenzene		230	NA	ND(0.0058)	ND(0.0059)	NA
Iodomethane		2.6	NA	ND(0.0058)	ND(0.0059)	NA
Isobutanol		40000	NA	ND(0.12)	ND(0.12)	NA
Methacrylonitrile		8.4	NA	ND(0.0058)	ND(0.0059)	NA
Methyl Methacrylate		7300	NA	ND(0.0058)	ND(0.0059)	NA
Methylene Chloride		20	NA	ND(0.0058)	ND(0.0059)	NA
Propionitrile		1300	NA	ND(0.012)	ND(0.012)	NA
Styrene		1700	NA	ND(0.0058)	ND(0.0059)	NA
Tetrachloroethene		16	NA	ND(0.0058)	ND(0.0059)	NA
Toluene		520	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,2-Dichloroethene		210	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0058)	ND(0.0059)	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0058)	ND(0.0059)	NA
Trichloroethene		6.1	NA	ND(0.0058)	ND(0.0059)	NA
Trichlorofluoromethane		1300	NA	ND(0.0058)	ND(0.0059)	NA
Vinyl Acetate		1400	NA	ND(0.0058)	ND(0.0059)	NA
Vinyl Chloride		0.048	NA	ND(0.0058)	ND(0.0059)	NA
Xylenes (total)		210	NA	ND(0.0058)	ND(0.0059)	NA

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-7
			10-15 03/10/05	0-1 03/10/05	1-3 03/10/05	5-10 03/10/05
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		320	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2,4-Trichlorobenzene		1700	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2-Dichlorobenzene		370	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,2-Diphenylhydrazine		3.7	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3,5-Trinitrobenzene		32000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3-Dichlorobenzene		140	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,3-Dinitrobenzene		110	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
1,4-Dichlorobenzene		7.3	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
1,4-Naphthoquinone		190	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
1-Naphthylamine		Not Listed	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2,3,4,6-Tetrachlorophenol		32000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4,5-Trichlorophenol		110000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4,6-Trichlorophenol		270	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dichlorophenol		3200	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dimethylphenol		21000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,4-Dinitrophenol		2100	ND(20)	ND(19)	ND(2.0)	ND(19)
2,4-Dinitrotoluene		2100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,6-Dichlorophenol		3200	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2,6-Dinitrotoluene		1100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Acetylaminofluorene		3.6	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Chloronaphthalene		24000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Chlorophenol		240	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Methylnaphthalene		190	31	ND(3.8)	0.15 J	0.75 J
2-Methylphenol		53000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
2-Naphthylamine		Not Listed	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Nitroaniline		64	ND(20)	ND(19)	ND(2.0)	ND(19)
2-Nitrophenol		Not Listed	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
2-Picoline		1100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
3&4-Methylphenol		5300	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
3,3-Dichlorobenzidine		6.7	ND(8.1)	ND(7.7)	ND(0.79)	ND(7.8)
3,3-Dimethylbenzidine		0.33	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
3-Methylcholanthrene		0.36	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
3-Nitroaniline		110	ND(20)	ND(19)	ND(2.0)	ND(19)
4,6-Dinitro-2-methylphenol		1100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Aminobiphenyl		27000	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
4-Bromophenyl-phenylether		3200	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chloro-3-Methylphenol		53000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chloroaniline		4300	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Chlorobenzilate		11	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
4-Chlorophenyl-phenylether		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
4-Nitroaniline		110	ND(4.0)	ND(3.8)	ND(2.0)	ND(19)
4-Nitrophenol		66000	ND(20)	ND(19)	ND(2.0)	ND(19)
4-Nitroquinoline-1-oxide		2100	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
4-Phenylenediamine		100000	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
5-Nitro-o-toluidine		91	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
7,12-Dimethylbenz(a)anthracene		0.36	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
a,a-Dimethylphenethylamine		1100	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Acenaphthene		28000	53	ND(3.8)	0.26 J	2.6 J
Acenaphthylene		190	3.8 J	ND(3.8)	0.40	0.59 J
Acetophenone		1.6	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Aniline		530	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Anthracene		220000	140	ND(3.8)	0.78	4.6
Azarnite		120	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Benzo(a)anthracene		0.013	ND(8.1)	ND(7.7)	ND(0.79)	ND(7.8)
Benzo(a)pyrene		3.6	170	0.51 J	1.9	8.0
Benzo(b)fluoranthene		0.36	130	0.59 J	1.7	7.0
Benzo(g,h,i)perylene		190	120	0.52 J	1.3	6.3
Benzo(k)fluoranthene		110	43	ND(3.8)	0.86	3.7 J
Benzyl Alcohol		100000	ND(8.1)	ND(7.7)	1.5	6.8

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-6 10-15 03/10/05	19-9-21-SB-7 0-1 03/10/05	19-9-21-SB-7 1-3 03/10/05	19-9-21-SB-7 6-10 03/10/05
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Chloroethyl)ether		0.56	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Chloroisopropyl)ether		7.4	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
bis(2-Ethylhexyl)phthalate		210	ND(2.0)	ND(1.9)	ND(0.39)	ND(1.9)
Butylbenzylphthalate		930	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Chrysene		360	150	0.47 J	1.9	7.7
Diallate		49	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Dibenz(a,h)anthracene		0.36	18	ND(3.8)	0.22 J	1.1 J
Dibenzofuran		3200	43	ND(3.8)	0.19 J	1.4 J
Diethylphthalate		100000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Dimethylphthalate		100000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Di-n-Butylphthalate		110000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Di-n-Octylphthalate		10000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Diphenylamine		27000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Ethyl Methanesulfonate		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Fluoranthene		37000	400	0.81 J	3.2	17
Fluorene		22000	66	ND(3.8)	0.35 J	2.7 J
Hexachlorobenzene		1.9	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorobutadiene		38	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorocyclopentadiene		7100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachloroethane		210	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Hexachlorophene		320	ND(8.1)	ND(7.7)	ND(0.79)	ND(7.8)
Hexachloropropene		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Indeno(1,2,3-cd)pyrene		3.6	45	ND(3.8)	0.76	3.7 J
Isodrin		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Isophorone		3200	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Isosafrole		Not Listed	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Methacrylonitrile		190	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Methyl Methanesulfonate		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Naphthalene		190	130	ND(3.8)	0.19 J	1.0 J
Nitrobenzene		100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodimethylamine		0.02	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodimethylamine		0.059	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitroso-di-n-butylamine		0.058	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
N-Nitroso-di-n-propylamine		0.43	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosodiphenylamine		610	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosomethylphenylamine		0.14	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
N-Nitrosomorpholine		1.4	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosopiperidine		1.4	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
N-Nitrosopyrrolidine		1.4	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
o,o,c-Triethylphosphorothioate		210	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
o-Toluidine		12	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
p-Dimethylaminoazobenzene		6.7	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Pentachlorobenzene		860	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pentachloroethane		6.8	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pentachloronitrobenzene		12	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Pentachlorophenol		15	ND(20)	ND(19)	ND(2.0)	ND(19)
Phenacetin		14000	ND(4.0)	ND(3.8)	ND(0.79)	ND(3.9)
Phenanthrene		190	430	0.45 J	2.6	17
Phenol		100000	ND(4.0)	ND(3.8)	0.048 J	ND(3.9)
Pronamide		80000	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Pyrene		26000	310	0.82 J	3.4	14
Pyridine		1100	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Safrole		Not Listed	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)
Thionazin		6400	ND(4.0)	ND(3.8)	ND(0.39)	ND(3.9)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Industrial PRGS	19-9-21-SB-6 10-15 03/10/05	19-9-21-SB-7 0-1 03/10/05	19-9-21-SB-7 1-3 03/10/05	19-9-21-SB-7 6-10 03/10/05
Furans						
2,3,7,8-TCDF		Not Applicable	0.00048	0.000013 Y	0.000046 Y	0.00038 Y
TCDFs (total)		Not Applicable	0.0012	0.000088	0.00022	0.00075
1,2,3,7,8-PeCDF		Not Applicable	0.00015 J	0.000032 J	0.000013	0.000034
2,3,4,7,8-PeCDF		Not Applicable	0.00037	0.000054 J	0.000020	0.000065
PeCDFs (total)		Not Applicable	0.0017	0.00010	0.00038	0.00057
1,2,3,4,7,8-HxCDF		Not Applicable	0.0017	0.000062	0.000063	0.00017
1,2,3,6,7,8-HxCDF		Not Applicable	0.00078	0.0000060	0.000035	0.000076
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000018)	ND(0.0000030)	ND(0.00000099)	ND(0.0000024)
2,3,4,6,7,8-HxCDF		Not Applicable	0.00014 J	0.0000060	0.000016	0.000031
HxCDFs (total)		Not Applicable	0.0050	0.00014	0.00051	0.00098
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.0010	0.000014	0.000056	0.00013
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00043	ND(0.0000024)	0.000023	0.000054
HpCDFs (total)		Not Applicable	0.0021	0.000032	0.00014	0.00035
OCDF		Not Applicable	0.00063	0.0000082 J	0.000039	0.000092
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000075)	ND(0.00000053)	ND(0.00000042)	ND(0.00000044)
TCDDs (total)		Not Applicable	ND(0.0000075)	ND(0.00000060)	0.0000034	0.000012
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000019)	ND(0.0000020)	ND(0.00000081)	ND(0.00000096)
PeCDDs (total)		Not Applicable	ND(0.000019)	ND(0.0000020)	ND(0.0000034)	ND(0.0000071)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.000017)	ND(0.0000032)	ND(0.00000078)	ND(0.0000018)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000016)	ND(0.0000029)	ND(0.0000019)	ND(0.0000026)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.000016)	ND(0.0000029)	ND(0.0000015)	ND(0.0000022)
HxCDDs (total)		Not Applicable	ND(0.000017)	0.0000037	0.000013	0.000025
1,2,3,4,6,7,8-HpCDD		Not Applicable	ND(0.000054)	0.0000071	0.000013	0.000028
HpCDDs (total)		Not Applicable	ND(0.000054)	0.000013	0.000027	0.000054
OCDD		Not Applicable	0.00035 J	0.000027	0.000090	0.00017
Total TEQs (WHO TEFs)		Not Applicable	0.00053	0.0000081	0.000028	0.00010
Inorganics						
Antimony		750	ND(6.00)	2.60 B	1.10 B	5.80 B
Arsenic		3	6.10	6.60	7.20	6.70
Barium		100000	68.0	36.0	43.0	75.0
Beryllium		3400	0.470 B	0.280 B	0.330 B	0.350 B
Cadmium		930	0.620	0.760	1.10	1.10
Chromium		450	12.0	12.0	14.0	13.0
Cobalt		29000	9.60	11.0	11.0	8.80
Copper		70000	38.0	26.0	58.0	1600
Cyanide		35	0.850	0.100 B	0.0970 B	0.0970 B
Lead		1000	34.0	140	98.0	290
Mercury		560	0.200	0.170	1.10	0.340
Nickel		37000	13.0	17.0	22.0	23.0
Selenium		9400	0.870 B	2.00	1.60	1.50
Silver		9400	0.370 B	0.290 B	0.340 B	ND(1.00)
Sulfide		1200	160	17.0	11.0	24.0
Thallium		150	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)
Tin		100000	10.0	14.0	11.0	150
Vanadium		13000	11.0	12.0	13.0	11.0
Zinc		100000	75.0	100	100	190

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-10	19-9-21-SB-10
			8-10 03/10/05	10-15 03/10/05	12-14 03/10/05	1-3 03/10/05	3-6 03/10/05
Volatile Organics							
1,1,1,2-Tetrachloroethane	6.8	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,1,1-Trichloroethane	1400	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,1,2,2-Tetrachloroethane	0.87	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,1,2-Trichloroethane	1.9	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,1-Dichloroethane	2000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,1-Dichloroethene	0.12	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,2,3-Trichloropropane	0.0031	ND(0.0058)	NA	0.14	ND(0.0060)	NA	NA
1,2-Dibromo-3-chloropropane	2.1	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,2-Dichloroethane	0.029	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,2-Dichloroethane	0.76	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,2-Dichloropropane	0.76	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
1,4-Dioxane	270	ND(0.12)	NA	ND(0.12)	ND(0.12)	NA	NA
2-Butanone	27000	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA	NA
2-Chloro-1,3-butadiene	12	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
2-Chloroethylvinylether	0.56	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
2-Hexanone	2800	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA	NA
3-Chloropropene	52000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
4-Methyl-2-pentanone	2800	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA	NA
Acetone	6100	ND(0.023)	NA	ND(0.024)	ND(0.024)	NA	NA
Acetonitrile	1300	ND(0.12)	NA	ND(0.12)	ND(0.12)	NA	NA
Acrolein	0.34	ND(0.12)	NA	ND(0.12)	ND(0.12)	NA	NA
Acrylonitrile	0.49	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Benzene	1.4	ND(0.0058)	NA	0.0044 J	ND(0.0060)	NA	NA
Bromodichloromethane	2.3	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Bromoforn	380	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Bromomethane	13	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Carbon Disulfide	1200	ND(0.0058)	NA	0.0080	ND(0.0060)	NA	NA
Carbon Tetrachloride	0.52	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Chlorobenzene	180	ND(0.0058)	NA	0.0039 J	ND(0.0060)	NA	NA
Chloroethane	1600	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Chloroform	0.52	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Chloromethane	2.6	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
cis-1,3-Dichloropropene	Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Dibromochloromethane	36	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Dibromomethane	11000	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Dichlorodifluoromethane	310	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Ethyl Methacrylate	140	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Ethylbenzene	230	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Iodomethane	2.6	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Isobutanol	40000	1.5	NA	ND(0.12)	1.0	NA	NA
Methacrylonitrile	8.4	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Methyl Methacrylate	7300	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Methylene Chloride	20	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Propionitrile	1300	ND(0.012)	NA	ND(0.012)	ND(0.012)	NA	NA
Styrene	1700	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Tetrachloroethene	16	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Toluene	520	ND(0.0058)	NA	0.0046 J	0.0034 J	NA	NA
trans-1,2-Dichloroethane	210	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
trans-1,3-Dichloropropene	Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
trans-1,4-Dichloro-2-butene	Not Listed	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Trichloroethene	6.1	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Trichlorofluoromethane	1300	ND(0.0058)	NA	ND(0.0060)	0.0064	NA	NA
Vinyl Acetate	1400	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Vinyl Chloride	0.048	ND(0.0058)	NA	ND(0.0060)	ND(0.0060)	NA	NA
Xylenes (total)	210	ND(0.0058)	NA	0.013	ND(0.0060)	NA	NA

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-7	19-9-21-SB-10	19-9-21-SB-10
			8-10 03/10/05	10-15 03/10/05	12-14 03/10/05	1-3 03/10/05	3-6 03/10/05
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		320	NA	0.058 J	NA	ND(4.0)	ND(0.40)
1,2,4-Trichlorobenzene		1700	NA	0.30 J	NA	ND(4.0)	ND(0.40)
1,2-Dichlorobenzene		370	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,2-Diphenylhydrazine		3.7	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,3,5-Trinitrobenzene		32000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
1,3-Dichlorobenzene		140	NA	0.058 J	NA	ND(4.0)	ND(0.40)
1,3-Dinitrobenzene		110	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
1,4-Dichlorobenzene		7.3	NA	0.23 J	NA	ND(4.0)	ND(0.40)
1,4-Naphthoquinone		190	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
1-Naphthylamine		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2,3,4,6-tetrachlorophenol		32000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4,5-Trichlorophenol		110000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4,6-Trichlorophenol		270	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dichlorophenol		3200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dimethylphenol		21000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,4-Dinitrophenol		2100	NA	ND(2.1)	NA	ND(20)	ND(2.0)
2,4-Dinitrotoluene		2100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,6-Dichlorophenol		3200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2,6-Dinitrotoluene		1100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Acetylaminofluorene		3.6	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Chloronaphthalene		24000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Chlorophenol		240	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Methylnaphthalene		190	NA	ND(0.41)	NA	4.3	ND(0.40)
2-Methylphenol		53000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
2-Naphthylamine		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Nitroaniline		64	NA	ND(2.1)	NA	ND(20)	ND(2.0)
2-Nitrophenol		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
2-Picoline		1100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
3,8,4-Methylphenol		5300	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
3,3'-Dichlorobenzidine		6.7	NA	ND(0.82)	NA	ND(8.0)	ND(0.80)
3,3'-Dimethylbenzidine		0.33	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
3-Methylcholanthrene		0.36	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
3-Nitroaniline		110	NA	ND(2.1)	NA	ND(20)	ND(2.0)
4,6-Dinitro-2-methylphenol		1100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Aminobiphenyl		27000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
4-Bromophenyl-phenylether		3200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chloro-3-Methylphenol		53000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chloroaniline		4300	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Chlorobenzilate		11	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
4-Nitroaniline		110	NA	ND(2.1)	NA	ND(4.0)	ND(2.0)
4-Nitrophenol		66000	NA	ND(2.1)	NA	ND(20)	ND(2.0)
4-Nitroquinoline-1-oxide		2100	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
4-Phenylenediamine		100000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
5-Nitro-o-tolidine		91	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
a,a'-Dimethylphenylamine		1100	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Acenaphthene		28000	NA	0.056 J	NA	10	ND(0.40)
Acenaphthylene		190	NA	0.26 J	NA	1.6 J	ND(0.40)
Acetophenone		1.6	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Aniline		530	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Anthracene		220000	NA	0.17 J	NA	23	0.057 J
Aramite		120	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Benzidine		0.013	NA	ND(0.82)	NA	ND(8.0)	ND(0.80)
Benzo(a)pyrene		3.6	NA	0.47	NA	28	0.19 J
Benzo(b)fluoranthene		0.36	NA	0.52	NA	21	0.22 J
Benzol(g,h,i)perylene		3.6	NA	0.36 J	NA	13	0.18 J
Benzol(k)fluoranthene		190	NA	0.32 J	NA	8.9	0.17 J
Benzyl Alcohol		36	NA	0.46	NA	15	0.19 J
		100000	NA	ND(0.82)	NA	ND(8.0)	ND(0.80)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-7 8-10 03/10/05	19-9-21-SB-7 10-15 03/10/05	19-9-21-SB-7 12-14 03/10/05	19-9-21-SB-10 1-3 03/10/05	19-9-21-SB-10 3-5 03/10/05
Semivolatile Organics (continued)							
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Chloroethyl)ether		0.56	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Chloropropyl)ether		7.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
bis(2-Ethylhexyl)phthalate		210	NA	ND(0.40)	NA	ND(2.0)	ND(0.40)
Butylbenzylphthalate		930	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Chrysene		360	NA	0.51	NA	27	0.22 J
Diallate		49	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Dibenzol(a,h)anthracene		0.36	NA	0.086 J	NA	2.6 J	ND(0.40)
Dibenzofuran		3200	NA	ND(0.41)	NA	6.4	ND(0.40)
Diethylphthalate		100000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Dimethylphthalate		1000000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Di-n-Butylphthalate		110000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Di-n-Octylphthalate		10000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Diphenylamine		27000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Fluoranthene		37000	NA	0.78	NA	54	0.31 J
Fluorene		22000	NA	0.097 J	NA	13	ND(0.40)
Hexachlorobenzene		1.9	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorobutadiene		38	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorocyclopentadiene		7100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachloroethane		210	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Hexachlorophene		320	NA	ND(0.82)	NA	ND(8.0)	ND(0.80)
Hexachloropropene		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Indeno(1,2,3-cd)pyrene		3.6	NA	0.26 J	NA	7.2	0.14 J
Isodrin		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Isophorone		3200	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Isosafrole		Not Listed	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Methacrylene		190	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Methyl Methanesulfonate		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Naphthalene		190	NA	0.10 J	NA	4.8	ND(0.40)
Nitrobenzene		100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodimethylamine		0.02	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodiphenylamine		0.059	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitroso-di-n-butylamine		0.058	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
N-Nitroso-di-n-propylamine		0.43	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosodiphenylamine		610	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosomethylmethylaniline		0.14	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
N-Nitrosomorpholine		1.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosopiperidine		1.4	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
N-Nitrosopyrrolidine		1.4	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
o,o,c-Triethylphosphorothioate		210	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
o-Toluidine		12	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
p-Dimethylaminoazobenzene		6.7	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Pentachlorobenzene		860	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pentachloroethane		6.8	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pentachloronitrobenzene		12	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Pentachlorophenol		15	NA	ND(2.1)	NA	ND(20)	ND(2.0)
Phenacetin		14000	NA	ND(0.82)	NA	ND(4.0)	ND(0.80)
Phenanthrene		190	NA	0.46	NA	63	0.14 J
Phenol		100000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pronamide		80000	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Pyrene		26000	NA	0.96	NA	60	0.35 J
Pyridine		1100	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Safrole		Not Listed	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)
Thionazin		6400	NA	ND(0.41)	NA	ND(4.0)	ND(0.40)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-7 8-10 03/10/05	19-9-21-SB-7 10-15 03/10/05	19-9-21-SB-7 12-14 03/10/05	19-9-21-SB-10 1-3 03/10/05	19-9-21-SB-10 3-5 03/10/05
Furans							
2,3,7,8-TCDF	Not Applicable	NA	0.000053 Y	0.000021 Y	NA	0.000021 Y	0.000091 Y
TCDFs (total)	Not Applicable	NA	0.00032	0.00020	NA	0.00020	0.000086
1,2,3,7,8-PeCDF	Not Applicable	NA	0.000040	ND(0.0000078)	NA	ND(0.0000078)	0.000041 J
2,3,4,7,8-PeCDF	Not Applicable	NA	0.000023	ND(0.000010)	NA	ND(0.000010)	0.000076
PeCDFs (total)	Not Applicable	NA	0.00042	0.00022	NA	0.00022	0.00029
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.00014	ND(0.000027)	NA	ND(0.000027)	0.00012
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.000041	ND(0.000022)	NA	ND(0.000022)	0.00015
1,2,3,7,8,9-HxCDF	Not Applicable	NA	0.000036 J	ND(0.0000060)	NA	ND(0.0000060)	ND(0.0000042)
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.000020	ND(0.000027)	NA	ND(0.000027)	0.000020
HxCDFs (total)	Not Applicable	NA	0.00089	0.00063	NA	0.00063	0.00060
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.00018	0.000080	NA	0.000080	0.000060
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.00010	ND(0.000012)	NA	ND(0.000012)	0.000080
HpCDFs (total)	Not Applicable	NA	0.00059	0.00019	NA	0.00019	0.00017
OCDF	Not Applicable	NA	0.00057	ND(0.000033)	NA	ND(0.000033)	0.000032
Dioxins							
2,3,7,8-TCDD	Not Applicable	NA	0.00000073 J	ND(0.0000062)	NA	ND(0.0000062)	ND(0.0000025)
TCDDs (total)	Not Applicable	NA	0.000025	ND(0.0000073)	NA	ND(0.0000073)	ND(0.0000067)
1,2,3,7,8-PeCDD	Not Applicable	NA	0.0000069	ND(0.0000071)	NA	ND(0.0000071)	ND(0.000010)
PeCDDs (total)	Not Applicable	NA	0.000038	ND(0.0000071)	NA	ND(0.0000071)	ND(0.000032)
1,2,3,4,7,8-HxCDD	Not Applicable	NA	0.000047 J	ND(0.0000058)	NA	ND(0.0000058)	ND(0.0000095)
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.0000090	ND(0.0000052)	NA	ND(0.0000052)	0.0000031 J
1,2,3,7,8,9-HxCDD	Not Applicable	NA	0.000013	ND(0.0000053)	NA	ND(0.0000053)	ND(0.000022)
HxCDDs (total)	Not Applicable	NA	0.00012	ND(0.0000099)	NA	ND(0.0000099)	0.000024
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.000035	ND(0.000016)	NA	ND(0.000016)	0.00013
HpCDDs (total)	Not Applicable	NA	0.000075	ND(0.000016)	NA	ND(0.000016)	0.000028
OCDD	Not Applicable	NA	0.00011	0.000067 J	NA	0.000067 J	0.000048
Total TEQs (WHO TEFs)	Not Applicable	NA	0.000053	0.000017	NA	0.000017	0.000012
Inorganics							
Antimony	750	NA	ND(6.00)	ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic	3	NA	6.10	7.70	NA	7.70	9.00
Barium	100000	NA	42.0	53.0	NA	53.0	60.0
Beryllium	3400	NA	0.330 B	0.410 B	NA	0.410 B	0.370 B
Cadmium	930	NA	1.20	0.870	NA	0.870	1.10
Chromium	450	NA	11.0	12.0	NA	12.0	13.0
Cobalt	29000	NA	11.0	9.90	NA	9.90	11.0
Copper	70000	NA	31.0	27.0	NA	27.0	32.0
Cyanide	35	NA	0.0960 B	0.180 B	NA	0.180 B	ND(0.240)
Lead	1000	NA	54.0	98.0	NA	98.0	100
Mercury	560	NA	0.120 B	0.240	NA	0.240	0.200
Nickel	37000	NA	18.0	18.0	NA	18.0	18.0
Selenium	9400	NA	1.60	1.60	NA	1.60	2.20
Silver	9400	NA	0.210 B	0.370 B	NA	0.370 B	0.380 B
Sulfide	1200	NA	180	440	NA	440	19.0
Thallium	150	NA	ND(1.20)	ND(1.20)	NA	ND(1.20)	ND(1.20)
Tin	100000	NA	26.0	8.60 B	NA	8.60 B	18.0
Vanadium	13000	NA	10.0	12.0	NA	12.0	12.0
Zinc	100000	NA	98.0	110	NA	110	120

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGS	19-9-21-SB-10 4-6 03/10/05	19-9-21-SB-10 6-10 03/10/05	19-9-21-SB-10 8-10 03/10/05	19-9-21-SB-11 0-1 03/10/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		6.8	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1,1,1-Tetrachloroethane		1400	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1,2,1-Trichloroethane		1.9	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1-Dichloroethane		2000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,1-Dichloroethene		0.12	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2,3-Trichloropropane		0.0031	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dibromoethane		0.029	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dichloroethane		0.76	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,2-Dichloropropane		0.76	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
1,4-Dioxane		270	ND(0.11)	NA	ND(0.13)	ND(0.12)
2-Butanone		27000	ND(0.011)	NA	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
2-Chloroethoxyvinyl ether		0.56	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
2-Hexanone		2800	ND(0.011)	NA	ND(0.013)	ND(0.012)
3-Chloropropane		52000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
4-Methyl-2-pentanone		2800	ND(0.011)	NA	ND(0.013)	ND(0.012)
Acetone		6100	ND(0.022)	NA	ND(0.025)	ND(0.023)
Acetonitrile		1300	ND(0.11)	NA	ND(0.13)	ND(0.12)
Acrolein		0.34	ND(0.11)	NA	ND(0.13)	ND(0.12)
Acrylonitrile		0.49	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Benzene		1.4	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromodichloromethane		2.3	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromoform		380	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Bromomethane		13	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Carbon Disulfide		1200	ND(0.0056)	NA	0.014	ND(0.0058)
Carbon Tetrachloride		0.52	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chlorobenzene		180	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloroethane		1600	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloroform		0.52	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Chloromethane		2.6	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dibromochloromethane		36	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dibromomethane		11000	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Dichlorodifluoromethane		310	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Ethyl Methacrylate		140	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Ethylbenzene		230	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Iodomethane		2.6	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Isobutanol		40000	ND(0.11)	NA	1.4	ND(0.12)
Methacrylonitrile		8.4	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Methyl Methacrylate		7300	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Methylene Chloride		20	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Propionitrile		1300	ND(0.011)	NA	ND(0.013)	ND(0.012)
Styrene		1700	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Tetrachloroethene		16	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Toluene		520	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,2-Dichloroethene		210	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Trichloroethene		6.1	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Trichlorofluoromethane		1300	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Vinyl Acetate		1400	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Vinyl Chloride		0.048	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)
Xylenes (total)		210	ND(0.0056)	NA	ND(0.0063)	ND(0.0058)

TABLE E-37
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-21-SB-10	19-9-21-SB-10	19-9-21-SB-10	19-9-21-SB-11
			4-6 03/10/05	6-10 03/10/05	8-10 03/10/05	0-1 03/10/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene	320	NA	ND(0.42)	NA	ND(3.8)	
1,2,4-Trichlorobenzene	1700	NA	ND(0.42)	NA	ND(3.8)	
1,2-Dichlorobenzene	370	NA	ND(0.42)	NA	ND(3.8)	
1,2-Diphenylhydrazine	3.7	NA	ND(0.42)	NA	ND(3.8)	
1,3,5-Trinitrobenzene	32000	NA	ND(0.42)	NA	ND(3.8)	
1,3-Dichlorobenzene	140	NA	ND(0.42)	NA	ND(3.8)	
1,3-Dinitrobenzene	110	NA	ND(0.84)	NA	ND(3.8)	
1,4-Dichlorobenzene	7.3	NA	ND(0.42)	NA	ND(3.8)	
1,4-Naphthoquinone	190	NA	ND(0.84)	NA	ND(3.8)	
1-Naphthylamine	Not Listed	NA	ND(0.84)	NA	ND(3.8)	
2,3,4,6-Tetrachlorophenol	32000	NA	ND(0.42)	NA	ND(3.8)	
2,4,5-Trichlorophenol	110000	NA	ND(0.42)	NA	ND(3.8)	
2,4,6-Trichlorophenol	270	NA	ND(0.42)	NA	ND(3.8)	
2,4-Dichlorophenol	3200	NA	ND(0.42)	NA	ND(3.8)	
2,4-Dimethylphenol	21000	NA	ND(0.42)	NA	ND(3.8)	
2,4-Dinitrophenol	2100	NA	ND(2.1)	NA	ND(19)	
2,4-Dinitrotoluene	2100	NA	ND(0.42)	NA	ND(3.8)	
2,6-Dichlorophenol	3200	NA	ND(0.42)	NA	ND(3.8)	
2-Acetylaminofluorene	1100	NA	ND(0.42)	NA	ND(3.8)	
2-Chloroaminofluorene	3.6	NA	ND(0.84)	NA	ND(3.8)	
2-Chloronaphthalene	24000	NA	ND(0.42)	NA	ND(3.8)	
2-Chlorophenol	240	NA	ND(0.42)	NA	ND(3.8)	
2-Methylnaphthalene	190	NA	ND(0.42)	NA	ND(3.8)	
2-Methylphenol	53000	NA	ND(0.42)	NA	ND(3.8)	
2-Naphthylamine	Not Listed	NA	ND(0.84)	NA	ND(3.8)	
2-Nitroaniline	64	NA	ND(2.1)	NA	ND(19)	
2-Nitrophenol	Not Listed	NA	ND(0.84)	NA	ND(3.8)	
2-Picoline	1100	NA	ND(0.42)	NA	ND(3.8)	
3&4-Methylphenol	5300	NA	ND(0.84)	NA	ND(3.8)	
3,3'-Dichlorobenzidine	6.7	NA	ND(0.84)	NA	ND(7.7)	
3,3-Dimethylbenzidine	0.33	NA	ND(0.42)	NA	ND(3.8)	
3-Methylcholanthrene	0.36	NA	ND(0.84)	NA	ND(3.8)	
3-Nitroaniline	110	NA	ND(2.1)	NA	ND(19)	
4,6-Dinitro-2-methylphenol	1100	NA	ND(0.42)	NA	ND(3.8)	
4-Aminobiphenyl	27000	NA	ND(0.84)	NA	ND(3.8)	
4-Bromophenyl-phenylether	3200	NA	ND(0.42)	NA	ND(3.8)	
4-Chloro-3-Methylphenol	53000	NA	ND(0.42)	NA	ND(3.8)	
4-Chloroaniline	4300	NA	ND(0.42)	NA	ND(3.8)	
4-Chlorobenzilate	11	NA	ND(0.84)	NA	ND(3.8)	
4-Chlorophenyl-phenylether	Not Listed	NA	ND(0.42)	NA	ND(3.8)	
4-Nitroaniline	110	NA	ND(2.1)	NA	ND(19)	
4-Nitrophenol	66000	NA	ND(2.1)	NA	ND(19)	
4-Nitroquinoline-1-oxide	2100	NA	ND(0.84)	NA	ND(3.8)	
4-Phenylenediamine	100000	NA	ND(0.84)	NA	ND(3.8)	
5-Nitro-0-toluidine	91	NA	ND(0.84)	NA	ND(3.8)	
7,12-Dimethylbenz(a)anthracene	0.36	NA	ND(0.84)	NA	ND(3.8)	
a,a'-Dimethylphenethylamine	1100	NA	ND(0.84)	NA	ND(3.8)	
Acenaphthene	28000	NA	ND(0.42)	NA	ND(3.8)	
Acenaphthylene	190	NA	0.058 J	NA	ND(3.8)	
Acetophenone	1.6	NA	ND(0.42)	NA	ND(3.8)	
Aniline	530	NA	ND(0.42)	NA	ND(3.8)	
Anthracene	220000	NA	0.054 J	NA	ND(3.8)	
Aramite	120	NA	ND(0.84)	NA	ND(3.8)	
Benzidine	0.013	NA	ND(0.84)	NA	ND(7.7)	
Benzol(a)anthracene	3.6	NA	0.10 J	NA	ND(3.8)	
Benzol(a)pyrene	0.36	NA	0.10 J	NA	ND(3.8)	
Benzol(b)fluoranthene	3.6	NA	0.076 J	NA	ND(3.8)	
Benzol(g,h,i)perylene	190	NA	0.067 J	NA	ND(3.8)	
Benzol(k)fluoranthene	36	NA	0.097 J	NA	ND(3.8)	
Benzyl Alcohol	100000	NA	ND(0.84)	NA	ND(7.7)	

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial Prs	19-9-21-SB-10 4-6 03/10/05	19-9-21-SB-10 6-10 03/10/05	19-9-21-SB-10 8-10 03/10/05	19-9-21-SB-11 0-1 03/10/05
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.42)	NA	ND(3.8)
bis(2-Chloroethyl)ether		0.56	NA	ND(0.42)	NA	ND(3.8)
bis(2-Chloroisopropyl)ether		7.4	NA	ND(0.42)	NA	ND(3.8)
bis(2-Ethylhexyl)phthalate		210	NA	ND(0.41)	NA	ND(1.9)
Butylbenzylphthalate		930	NA	ND(0.42)	NA	ND(3.8)
Chrysene		360	NA	0.11 J	NA	ND(3.8)
Diallate		49	NA	ND(0.84)	NA	ND(3.8)
Dibenzo(a,h)anthracene		0.36	NA	ND(0.42)	NA	ND(3.8)
Dibenzofuran		3200	NA	ND(0.42)	NA	ND(3.8)
Diethylphthalate		100000	NA	ND(0.42)	NA	ND(3.8)
Dimethylphthalate		100000	NA	ND(0.42)	NA	ND(3.8)
Di-n-Butylphthalate		110000	NA	ND(0.42)	NA	ND(3.8)
Di-n-Octylphthalate		10000	NA	ND(0.42)	NA	ND(3.8)
Diphenylamine		27000	NA	ND(0.42)	NA	ND(3.8)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.42)	NA	ND(3.8)
Fluoranthene		37000	NA	0.21 J	NA	ND(3.8)
Fluorene		22000	NA	ND(0.42)	NA	ND(3.8)
Hexachlorobenzene		1.9	NA	ND(0.42)	NA	ND(3.8)
Hexachlorobutadiene		38	NA	ND(0.42)	NA	ND(3.8)
Hexachlorocyclopentadiene		7100	NA	ND(0.42)	NA	ND(3.8)
Hexachloroethane		210	NA	ND(0.42)	NA	ND(3.8)
Hexachlorophene		320	NA	ND(0.84)	NA	ND(7.7)
Hexachloropropene		Not Listed	NA	ND(0.42)	NA	ND(3.8)
Indeno(1,2,3-cd)pyrene		3.6	NA	0.050 J	NA	ND(3.8)
Isodrin		Not Listed	NA	ND(0.42)	NA	ND(3.8)
Isophthone		3200	NA	ND(0.42)	NA	ND(3.8)
Isosafrole		Not Listed	NA	ND(0.84)	NA	ND(3.8)
Methapyrene		190	NA	ND(0.84)	NA	ND(3.8)
Methyl Methanesulfonate		Not Listed	NA	ND(0.42)	NA	ND(3.8)
Naphthalene		190	NA	ND(0.42)	NA	ND(3.8)
Nitrobenzene		100	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodimethylamine		0.02	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodimethylamine		0.059	NA	ND(0.42)	NA	ND(3.8)
N-Nitroso-di-n-butylamine		0.058	NA	ND(0.84)	NA	ND(3.8)
N-Nitroso-di-n-propylamine		0.43	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosodiphenylamine		610	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosomorpholine		0.14	NA	ND(0.84)	NA	ND(3.8)
N-Nitrosomorpholine		1.4	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosopiperidine		1.4	NA	ND(0.42)	NA	ND(3.8)
N-Nitrosopyrrolidine		1.4	NA	ND(0.84)	NA	ND(3.8)
O,o,c-Trithylophosphorothioate		210	NA	ND(0.42)	NA	ND(3.8)
O-Tolidine		12	NA	ND(0.42)	NA	ND(3.8)
p-Dimethylaminoazobenzene		6.7	NA	ND(0.84)	NA	ND(3.8)
Pentachlorobenzene		860	NA	ND(0.42)	NA	ND(3.8)
Pentachloroethane		6.8	NA	ND(0.42)	NA	ND(3.8)
Pentachloronitrobenzene		12	NA	ND(0.84)	NA	ND(3.8)
Pentachlorophenol		15	NA	ND(2.1)	NA	ND(19)
Phenacetin		14000	NA	ND(0.84)	NA	ND(3.8)
Phenanthrene		190	NA	0.17 J	NA	ND(3.8)
Phenol		100000	NA	ND(0.42)	NA	ND(3.8)
Promamide		80000	NA	ND(0.42)	NA	ND(3.8)
Pyrene		26000	NA	0.20 J	NA	ND(3.8)
Pyridine		1100	NA	ND(0.42)	NA	ND(3.8)
Safrole		Not Listed	NA	ND(0.42)	NA	ND(3.8)
Thionazin		6400	NA	ND(0.42)	NA	ND(3.8)

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGS	19-9-21-SB-10 4-6 03/10/05	19-9-21-SB-10 6-10 03/10/05	19-9-21-SB-10 8-10 03/10/05	19-9-21-SB-11 0-1 03/10/05
Furans						
2,3,7,8-TCDF		Not Applicable	NA	0.000014 Y	NA	0.0000096 Y
TCDFs (total)		Not Applicable	NA	0.00019	NA	0.000083
1,2,3,7,8-PeCDF		Not Applicable	NA	0.000011	NA	0.0000047 J
2,3,4,7,8-PeCDF		Not Applicable	NA	0.000034	NA	0.0000083
PeCDFs (total)		Not Applicable	NA	0.0019	NA	0.00026
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.000078	NA	0.000015
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.00014	NA	0.000019
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.000020)	NA	ND(0.0000066)
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.00026	NA	0.000025
HxCDFs (total)		Not Applicable	NA	0.0074	NA	0.00075
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.00071	NA	0.000081
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.000090	NA	0.0000099
HpCDFs (total)		Not Applicable	NA	0.0021	NA	0.00021
OCDF		Not Applicable	NA	0.00023	NA	0.000036
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	0.00000074 J	NA	ND(0.00000035)
TCDDs (total)		Not Applicable	NA	0.0000042	NA	ND(0.00000059)
1,2,3,7,8-PeCDD		Not Applicable	NA	0.0000062 J	NA	ND(0.0000013)
PeCDDs (total)		Not Applicable	NA	0.00021	NA	ND(0.0000027)
1,2,3,4,7,8-HxCDD		Not Applicable	NA	0.0000097	NA	ND(0.0000015)
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.0000076	NA	ND(0.0000026)
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000068	NA	ND(0.0000022)
HxCDDs (total)		Not Applicable	NA	0.00010	NA	0.000022
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000080	NA	0.000022
HpCDDs (total)		Not Applicable	NA	0.00016	NA	0.000047
OCDD		Not Applicable	NA	0.00029	NA	0.00013
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000085	NA	0.000014
Inorganics						
Antimony		750	NA	ND(6.00)	NA	ND(6.00)
Arsenic		3	NA	8.10	NA	6.70
Barium		100000	NA	57.0	NA	56.0
Beryllium		3400	NA	0.390 B	NA	0.390 B
Cadmium		930	NA	1.80	NA	0.800
Chromium		450	NA	16.0	NA	13.0
Cobalt		29000	NA	9.90	NA	11.0
Copper		70000	NA	29.0	NA	30.0
Cyanide		35	NA	ND(0.250)	NA	0.200 B
Lead		1000	NA	71.0	NA	100
Mercury		560	NA	0.110 B	NA	0.240
Nickel		37000	NA	18.0	NA	18.0
Selenium		9400	NA	1.20	NA	1.50
Silver		9400	NA	0.280 B	NA	0.290 B
Sulfide		1200	NA	460	NA	17.0
Thallium		150	NA	ND(1.20)	NA	ND(1.20)
Tin		100000	NA	7.50 B	NA	12.0
Vanadium		13000	NA	15.0	NA	14.0
Zinc		100000	NA	110	NA	130

TABLE E-37
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-21 AND 19-9-22 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

E - Analyte exceeded calibration range.

J - Estimated Value.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE E-38
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGS
PARCELS 19-9-21 & 19-9-22 (NON-BANK)

CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
1,2,3-Trichloropropane	0.14	0.0031	Yes
Benzene	0.0044	1.4	No
Carbon Disulfide	0.014	1,200	No
Chlorobenzene	0.0039	180	No
Chloromethane	0.0045	2.6	No
Ethylbenzene	0.089	230	No
Isobutanol	1.5	40,000	No
Styrene	0.006	1,700	No
Toluene	0.11	520	No
Trichlorofluoromethane	0.0064	1,300	No
Xylenes (total)	0.28	210*	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	0.058	320	No
1,2,4-Trichlorobenzene	0.3	1,700	No
1,3-Dichlorobenzene	0.038	140	No
1,4-Dichlorobenzene	0.23	7.3	No
2-Methylnaphthalene	31	190*	No
Acenaphthene	53	28,000	No
Acenaphthylene	3.8	190*	No
Anthracene	140	220,000	No
Benzofuran	170	3.6	Yes
Benzofluorene	130	0.36	Yes
Benzofluoranthene	120	3.6	Yes
Benzofluoranthene	43	190*	No
Benzokjfluoranthene	110	36	Yes
Chrysene	150	360	No
Dibenzofluoranthene	18	0.36	Yes
Dibenzofuran	43	3,200	No
Fluoranthene	400	37,000	No
Fluorene	66	22,000	No
Indeno(1,2,3-cd)pyrene	45	3.6	Yes
Naphthalene	130	190	No
Phenanthrene	430	190*	Yes
Phenol	0.048	100,000	No
Pyrene	310	26,000	No
Inorganics			
Antimony	5.8	750	No
Arsenic	9	3	Yes
Barium	75	100,000	No
Beryllium	0.47	3,400	No
Cadmium	1.8	930	No
Chromium	16	450	No
Cobalt	11	29,000	No
Copper	1,600	70,000	No
Cyanide	0.85	35*	No
Lead	290	1,000	No
Mercury	1.1	560	No
Nickel	23	37,000	No
Selenium	2.2	9,400	No
Silver	0.38	9,400	No
Sulfide	460	1,200*	No
Tin	150	100,000	No
Vanadium	20	13,000	No
Zinc	190	100,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzofluoranthene, and phenanthrene), cyanide, sulfide, or xylenes (total). The PRGs for naphthalene, hydrogen cyanide, carbon disulfide, and m-xylene, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-39
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-6 0-1 03/10/05	19-9-21-SB-7 0-1 03/10/05	19-9-21-SB-11 0-1 03/10/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Volatle Organics							
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	N/A (See Note 5)	0.0029	Not Listed	Yes
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.51	1.9	N/A (See Note 5)	1.4	40	No
Benzo(a)pyrene	1.9	0.59	1.9	N/A (See Note 5)	1.5	4	No
Benzo(b)fluoranthene	1.9	0.52	1.9	N/A (See Note 5)	1.4	40	No
Benzo(k)fluoranthene	1.9	0.52	1.9	N/A (See Note 5)	1.4	400	No
Dibenz(a,h)anthracene	1.9	1.9	1.9	N/A (See Note 5)	1.9	4	No
Indeno(1,2,3-cd)pyrene	1.9	1.9	1.9	N/A (See Note 5)	1.9	40	No
Phenanthrene	1.9	0.45	1.9	N/A (See Note 5)	1.4	100	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	1.40E-05	8.10E-06	1.40E-05	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	3.30	6.60	6.70	N/A (See Note 5)	5.53	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-40
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-6 0-1 03/10/05	19-9-21-SB-7 0-1 03/10/05	19-9-21-SB-11 0-1 03/10/05	19-9-21-SB-7 1-3 03/10/05	19-9-21-SB-10 1-3 03/10/05
Volatile Organics					
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	0.0030	0.0030
Semivolatile Organics					
Benzol(a)anthracene	1.9	0.51	1.9	1.9	28
Benzol(a)pyrene	1.9	0.59	1.9	1.7	21
Benzol(b)fluoranthene	1.9	0.52	1.9	1.3	13
Benzol(k)fluoranthene	1.9	0.52	1.9	1.5	15
Dibenzol(a,h)anthracene	1.9	1.9	1.9	0.22	2.6
Indenol(1,2,3-cd)pyrene	1.9	1.9	1.9	0.76	7.2
Phenanthrene	1.9	0.45	1.9	2.6	63
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.40E-05	8.10E-06	1.40E-05	2.80E-05	1.70E-06
Inorganics					
Arsenic	3.30	6.60	6.70	7.20	7.70
Volatile Organics					
1,2,3-Trichloropropane	N/A (See Note 5)	0.0029	Not Listed	Yes	
Semivolatile Organics					
Benzol(a)anthracene	N/A (See Note 5)	6.8	40	No	
Benzol(a)pyrene	N/A (See Note 5)	5.4	4	Yes	
Benzol(b)fluoranthene	N/A (See Note 5)	3.7	40	No	
Benzol(k)fluoranthene	N/A (See Note 5)	4.2	400	No	
Dibenzol(a,h)anthracene	N/A (See Note 5)	1.7	4	No	
Indenol(1,2,3-cd)pyrene	N/A (See Note 5)	2.7	40	No	
Phenanthrene	N/A (See Note 5)	14	100	No	
Dioxins/Furans					
Total TEQs (WHO TEFs)	2.80E-05	N/A (See Note 5)	5.00E-03	No	
Inorganics					
Arsenic	N/A (See Note 5)	6.30	20	No	

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-41
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-7 1-3 03/10/05	19-9-21-SB-10 1-3 03/10/05	19-9-21-SB-6 3-6 03/10/05	19-9-21-SB-10 3-6 03/10/05	Arithmetic Concentration (See Note 2)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Comparison Criteria? (See Note 4)
Volatile Organics							
1,2,3-Trichloropropane	0.0030	0.0030	0.0029	0.0028	0.0029	Not Listed	Yes
Semivolatile Organics							
Benzol(a)anthracene	1.9	28	1.7	0.19	7.9	300	No
Benzol(a)pyrene	1.7	21	1.4	0.22	6.1	30	No
Benzol(b)fluoranthene	1.3	13	1.1	0.18	3.9	300	No
Benzol(k)fluoranthene	1.5	15	1.3	0.19	4.5	3,000	No
Dibenzo(a,h)anthracene	0.22	2.6	1.1	0.20	1.0	30	No
Indeno(1,2,3-cd)pyrene	0.76	7.2	1.6	0.14	2.4	300	No
Phenanthrene	2.6	63	3.2	0.14	17	100	No
Inorganics							
Arsenic	7.20	7.70	4.95	9.00	7.21	20	No

- Notes:
1. Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 2. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 3. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
 4. Arithmetic average concentrations of all constituents are compared to Method 1 Wave 2 Soil Standards.

TABLE E-42
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS 19-9-21 & 19-9-22: 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-21-SB-6 0-1 03/10/05	19-9-21-SB-7 0-1 03/10/05	19-9-21-SB-11 0-1 03/10/05	19-9-21-SB-7 1-3 03/10/05	19-9-21-SB-10 1-3 03/10/05	19-9-21-SB-6 3-6 03/10/05	19-9-21-SB-10 3-6 03/10/05	19-9-21-SB-7 6-10 03/10/05
Volatile Organics								
1,2,3-Trichloropropane	0.0028	0.0029	0.0029	0.0030	0.0030	0.0029	0.0028	0.0029
Semivolatile Organics								
Benzol(a)anthracene	1.9	0.51	1.9	1.9	28	1.7	0.19	8.0
Benzol(a)pyrene	1.9	0.59	1.9	1.7	21	1.4	0.22	7.0
Benzol(b)fluoranthene	1.9	0.52	1.9	1.3	13	1.1	0.18	6.3
Benzol(k)fluoranthene	1.9	0.52	1.9	1.5	15	1.3	0.19	6.8
Dibenzol(a,h)anthracene	1.9	1.9	1.9	0.22	2.6	1.1	0.20	1.1
Indeno(1,2,3-cd)pyrene	1.9	1.9	1.9	0.76	7.2	1.6	0.14	3.7
Phenanthrene	1.9	0.45	1.9	2.6	63	3.2	0.14	17
Dioxins/Furans								
Total TEQs (WHO TEQs)	(See Note 8)	(See Note 8)	(See Note 8)	2.80E-05	1.70E-06	3.10E-05	1.20E-05	1.00E-04
Inorganics								
Arsenic	3.30	6.60	6.70	7.20	7.70	4.95	9.00	6.70
Volatile Organics								
1,2,3-Trichloropropane	0.0032	0.0060	0.14	N/A (See Note 6)	0.016	Not Listed	Yes	
Semivolatile Organics								
Benzol(a)anthracene	0.10	170	0.47	N/A (See Note 5)	20	300	No	
Benzol(a)pyrene	0.10	130	0.52	N/A (See Note 5)	15	30	No	
Benzol(b)fluoranthene	0.076	120	0.36	N/A (See Note 5)	13	300	No	
Benzol(k)fluoranthene	0.097	110	0.46	N/A (See Note 5)	13	3,000	No	
Dibenzol(a,h)anthracene	0.21	18	0.086	N/A (See Note 5)	2.7	30	No	
Indeno(1,2,3-cd)pyrene	0.050	45	0.26	N/A (See Note 5)	5.9	300	No	
Phenanthrene	0.17	430	0.46	N/A (See Note 5)	47	100	No	
Dioxins/Furans								
Total TEQs (WHO TEQs)	8.50E-05	5.30E-04	5.30E-05	5.30E-04	N/A (See Note 5)	2.00E-02	No	
Inorganics								
Arsenic	8.10	6.10	6.10	N/A (See Note 5)	6.59	20	No	

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
 - Total TEQs were evaluated in the 1- to 15-foot depth increment only.

ARCADIS BBL

Parcel 19-9-23 (bank)

TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-23 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	19-9-23-SB-1 0-1 06/27/03	19-9-23-SB-1 1-3 06/27/03	19-9-23-SB-3 0-1 06/27/03	19-9-23-SB-3 1-3 06/27/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,1,1-Tetrachloroethane		680	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1,2-Trichloroethane		0.82	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1-Dichloroethane		570	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,1-Dichloroethene		0.052	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2,3-Trichloropropene		0.0014	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dibromo-3-chloropropene		0.32	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dibromoethane		0.0049	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dichloroethane		0.34	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,2-Dichloropropene		0.34	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
1,4-Dioxane		40	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
2-Butanone		6900	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
2-Chloroethylvinylether		0.18	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
2-Hexanone		750	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
3-Chloropropene		2700	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
Acetone		1400	ND(0.024)	ND(0.023)	ND(0.021)	ND(0.022)
Acetonitrile		200	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Acrolein		0.1	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Benzene		0.62	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromodichloromethane		0.98	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromoform		56	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Bromomethane		3.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Carbon Disulfide		350	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Carbon Tetrachloride		0.23	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chlorobenzene		54	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloroethane		1600	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloroform		0.24	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Chloromethane		1.2	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dibromochloromethane		5.3	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dibromomethane		550	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Dichlorodifluoromethane		94	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Ethylbenzene		230	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Iodomethane		1.2	ND(0.0060) J	ND(0.0058) J	ND(0.0052) J	ND(0.0056) J
Isobutanol		10000	ND(0.12) J	ND(0.12) J	ND(0.10) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Methyl Methacrylate		2200	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Methylene Chloride		8.5	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Propionitrile		200	ND(0.012)	ND(0.012)	ND(0.010)	ND(0.011)
Styrene		1700	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Tetrachloroethene		4.7	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Toluene		520	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,2-Dichloroethane		62	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Trichloroethene		2.7	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Trichlorofluoromethane		380	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Vinyl Acetate		420	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Vinyl Chloride		0.021	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)
Xylenes (total)		210	ND(0.0060)	ND(0.0058)	ND(0.0052)	ND(0.0056)

TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-23 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	19-9-23-SB-1		19-9-23-SB-3	
			0-1 06/27/03	1-3 06/27/03	0-1 06/27/03	1-3 06/27/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
1,2,4-Trichlorobenzene		480	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,2-Dichlorobenzene		370	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,2-Diphenylhydrazine		0.56	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,3,5-Trinitrobenzene		1600	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
1,3-Dichlorobenzene		41	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,3-Dinitrobenzene		5.5	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
1,4-Dichlorobenzene		3	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
1,4-Naphthoquinone		55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2,3,4,6-Tetrachlorophenol		1600	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
2,4,5-Trichlorophenol		5500	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4,6-Trichlorophenol		40	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dichlorophenol		160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dimethylphenol		1100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,4-Dinitrophenol		110	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,6-Dichlorophenol		160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2,6-Dinitrotoluene		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Acetylaminofluorene		0.56	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Chloronaphthalene		3700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Chlorophenol		59	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Methylnaphthalene		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Methylphenol		2700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Nitroaniline		3.3	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
2-Picoline		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
3&4-Methylphenol		270	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
3,3'-Dichlorobenzidine		0.99	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
3,3'-Dimethylbenzidine		0.048	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
3-Methylcholanthrene		0.056	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
3-Nitroaniline		5.5	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Aminobiphenyl		1400	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Bromophenyl-phenylether		160	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chloro-3-Methylphenol		2700	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chloroaniline		220	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Chlorobenzilate		1.6	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Chlorophenyl-phenylether		Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
4-Nitroaniline		5.5	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(1.9) J
4-Nitrophenol		3400	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
4-Phenylenediamine		10000	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
5-Nitro-o-toluidine		13	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
7,12-Dimethylbenz(e)anthracene		0.056	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
a,a'-Dimethylphenethylamine		55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Acenaphthene		2600	ND(0.40)	0.28 J	ND(0.35)	0.13 J
Acenaphthylene		55	ND(0.40)	0.088 J	ND(0.35)	ND(0.44)
Acetophenone		0.49	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Aniline		78	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Anthracene		14000	ND(0.40)	0.096 J	ND(0.35)	ND(0.44)
Aramite		18	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Benzidine		0.0019	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
Benzof(a)anthracene		0.56	ND(0.40)	0.36 J	0.085 J	ND(0.44)
Benzof(a)pyrene		0.056	ND(0.40)	0.34 J	0.11 J	ND(0.44)
Benzof(b)fluoranthene		0.56	ND(0.40)	0.28 J	0.090 J	ND(0.44)
Benzof(g,h,i)perylene		55	ND(0.40)	0.21 J	0.088 J	ND(0.44)
Benzof(k)fluoranthene		5.6	ND(0.40)	0.24 J	0.10 J	ND(0.44)
Benzyl Alcohol		16000	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.88)

TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-23 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	19-9-23-SB-1 0-1 06/27/03	19-9-23-SB-1 1-3 06/27/03	19-9-23-SB-3 0-1 06/27/03	19-9-23-SB-3 1-3 06/27/03
Semivolatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
bis(2-Chloroethyl)ether		0.18	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
bis(2-Chloroisopropyl)ether		2.5	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
bis(2-Ethylhexyl)phthalate		32	0.51	0.70	ND(0.34)	ND(0.37)
Butylbenzylphthalate		930	ND(0.40)	0.58	ND(0.35)	ND(0.44)
Chrysenes		56	ND(0.40)	0.35 J	0.12 J	ND(0.44)
Diallate		7.3	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Dibenzo(a,h)anthracene		0.056	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Dibenzofuran		210	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Diethylphthalate		44000	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Dimethylphthalate		100000	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Di-n-Butylphthalate		5500	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Di-n-Octylphthalate		1100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Diphenylamine		1400	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Ethyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Fluoranthene		2000	ND(0.40)	0.66	0.16 J	0.12 J
Fluorene		1800	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorobenzene		0.28	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorobutadiene		5.7	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorocyclopentadiene		380	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Hexachloroethane		32	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Hexachlorophene		16	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.88) J
Hexachloropropene		Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Indeno(1,2,3-cd)pyrene		0.56	ND(0.40)	0.19 J	ND(0.35)	ND(0.44)
Isodrin		Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Isophorone		470	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Isosafrole		Not Listed	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Methacrylonitrile		55	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Methyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Naphthalene		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Nitrobenzene		16	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodimethylamine		0.003	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodimethylamine		0.0087	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitroso-di-n-butylamine		0.022	ND(0.80) J	ND(0.77) J	ND(0.70) J	ND(0.75) J
N-Nitroso-di-n-propylamine		0.063	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosodiphenylamine		91	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosomethylmethylethylamine		0.02	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
N-Nitrosomorpholine		0.21	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosopiperidine		0.21	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
N-Nitrosopyrrolidine		0.21	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
o,o'-Triethylphosphorothioate		11	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
o-Toluidine		1.9	ND(0.40)	ND(0.38) J	ND(0.35) J	ND(0.44) J
p-Dimethylaminoazobenzene		0.99	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pentachlorobenzene		44	ND(0.40)	ND(0.77)	ND(0.70)	ND(0.75)
Pentachlorobenzene		2.8	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pentachlorocyclohexane		1.7	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pentachloronitrobenzene		2.5	ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)
Pentachlorophenol		640	ND(0.80)	ND(0.77)	ND(0.70)	ND(0.75)
Phenacetin		55	ND(0.40)	0.25 J	ND(0.35)	ND(0.44)
Phenanthrene		33000	0.44	ND(0.38)	0.081 J	ND(0.44)
Promamide		4100	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Pyrene		1500	0.098 J	0.61	0.18 J	0.11 J
Pyridine		55	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)
Safrole		Not Listed	ND(0.40) J	ND(0.38) J	ND(0.35) J	ND(0.44) J
Thionazin		330	ND(0.40)	ND(0.38)	ND(0.35)	ND(0.44)

**TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-23 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-23-SB-1 0-1 06/27/03	19-9-23-SB-1 1-3 06/27/03	19-9-23-SB-3 0-1 06/27/03	19-9-23-SB-3 1-3 06/27/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000041)	ND(0.0000030)	ND(0.0000043)	ND(0.0000029)
TCDFs (total)		Not Applicable	0.00086 J	ND(0.0000030)	ND(0.0000043)	ND(0.0000029)
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000071)	ND(0.0000044)	ND(0.0000058)	ND(0.0000051)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000074)	ND(0.0000046)	ND(0.0000061)	ND(0.0000053)
PeCDFs (total)		Not Applicable	0.00079 J	0.00061 J	0.00030 J	0.00031
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000048)	ND(0.0000033)	0.0000087	ND(0.0000054)
1,2,3,6,7,8-HxCDF		Not Applicable	0.000056 J	0.000051 J	0.000028 J	0.000037 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000066) J	ND(0.0000045) J	ND(0.0000058) J	ND(0.0000047) J
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000059) J	ND(0.0000040) J	ND(0.0000052) J	ND(0.0000042) J
HxCDFs (total)		Not Applicable	0.00051 J	0.00016 J	0.000078 J	0.000085 J
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000039 J	0.000041 J	0.000066 J	0.000014 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000054)	0.0000089 J	0.000023 J	ND(0.0000044) J
HpCDFs (total)		Not Applicable	0.00020 J	0.00011 J	0.00014 J	0.000031 J
OCDF		Not Applicable	0.00015 J	0.00014 J	0.00042 J	0.000053 J
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000058)	ND(0.0000036)	ND(0.0000050)	ND(0.0000038)
TCDDs (total)		Not Applicable	ND(0.0000058)	ND(0.0000036)	ND(0.0000050)	ND(0.0000038)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000091)	ND(0.0000051)	ND(0.0000083)	ND(0.0000066)
PeCDDs (total)		Not Applicable	ND(0.0000091)	ND(0.0000051)	ND(0.0000083)	ND(0.0000066)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000074)	ND(0.0000050)	ND(0.0000068)	ND(0.0000055)
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000088 J	0.0000083 J	ND(0.0000054)	ND(0.0000044)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000062)	ND(0.0000042)	ND(0.0000056)	ND(0.0000046)
HxCDDs (total)		Not Applicable	0.000034 J	0.000037 J	ND(0.0000054)	ND(0.0000044)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00010 J	0.000082 J	0.000076 J	0.000030 J
HpCDDs (total)		Not Applicable	0.00010 J	0.00014 J	0.00014 J	0.000056 J
OCDD		Not Applicable	0.00093 J	0.00059 J	0.00071 J	0.00024 J
Total TEQs (WHO TEFs)		Not Applicable	0.000019	0.000014	0.000015	0.000012
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		0.38	6.70	6.40	5.00	11.0
Barium		5200	46.0	43.0	35.0	62.0
Beryllium		150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		37	0.870	0.770	0.560	2.60
Chromium		210	8.00	8.50	5.60	9.40
Cobalt		3300	8.10	8.70	5.10	9.40
Copper		2800	29.0	31.0	22.0	36.0
Cyanide		11	0.180	0.0990 B	0.0740 B	0.110 B
Lead		400	73.0	66.0	47.0	98.0
Mercury		22	0.150	0.170	0.360	0.170
Nickel		1500	14.0	16.0	10.0	16.0
Selenium		370	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)	ND(1.00)	0.190 B
Sulfide		350	7.70	ND(5.80)	6.70	7.20
Thallium		6	ND(1.20) J	ND(1.20) J	ND(1.00) J	ND(1.10) J
Tin		45000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	9.40	8.50	5.20	11.0
Zinc		22000	96.0	85.0	86.0	510

TABLE E-43
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-23 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-44
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-9-23

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semi-volatile Organics			
Acenaphthene	0.28	2,600	No
Acenaphthylene	0.088	55*	No
Anthracene	0.096	14,000	No
Benzof(a)anthracene	0.36	0.56	No
Benzof(a)pyrene	0.34	0.056	Yes
Benzof(b)fluoranthene	0.28	0.56	No
Benzof(g,h,i)perylene	0.21	55*	No
Benzof(k)fluoranthene	0.24	5.6	No
bis(2-Ethylhexyl)phthalate	0.7	32	No
Butylbenzylphthalate	0.58	930	No
Chrysene	0.35	56	No
Fluoranthene	0.66	2,000	No
Indeno(1,2,3-cd)pyrene	0.19	0.56	No
Phenanthrene	0.25	55*	No
Phenol	0.44	33,000	No
Pyrene	0.61	1,500	No
Inorganics			
Arsenic	11	0.38	Yes
Barium	62	5,200	No
Cadmium	2.6	37	No
Chromium	9.4	210	No
Cobalt	9.4	3,300	No
Copper	36	2,800	No
Cyanide	0.18	11*	No
Lead	98	400	No
Mercury	0.36	22	No
Nickel	16.0	1,500	No
Silver	0.19	370	No
Sulfide	7.7	350*	No
Vanadium	11	620	No
Zinc	570	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-45
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-9-23: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-23-SB-1 0-1 06/27/03	19-9-23-SB-3 0-1 06/27/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benz(a)pyrene	0.20	0.11	N/A (See Note 5)	0.16	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-05	1.50E-05	1.90E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	6.70	5.00	N/A (See Note 5)	5.85	20	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-46
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-23: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth/(Feet): Date Collected:	19-9-23-SB-1 1-3 06/27/03	19-9-23-SB-3 1-3 06/27/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.34	0.22	N/A (See Note 5)	0.28	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.40E-05	1.20E-05	1.40E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	6.40	11.0	N/A (See Note 5)	8.70	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

Parcel 19-9-24 (bank & non-bank)

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth/(Feet): Date Collected:	EPA Region 9 Residential P/Rs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI 19-9-24-SB-1 19-9-24-SB-1 0-1 07/01/03	PDI 19-9-24-SB-1 19-9-24-SB-1 1-3 07/01/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0070)	ND(0.0066)
1,1,1-1-Trichloroethane		680	NA	ND(0.0070)	ND(0.0066)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0070)	ND(0.0066)
1,1,2-1-Trichloroethane		0.82	NA	ND(0.0070)	ND(0.0066)
1,1-Dichloroethane		570	NA	ND(0.0070)	ND(0.0066)
1,1-Dichloroethene		0.052	NA	ND(0.0070)	ND(0.0066)
1,2,3-1-Trichloropropane		0.0014	NA	ND(0.0070)	ND(0.0066)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0070)	ND(0.0066)
1,2-Dibromoethane		0.0049	NA	ND(0.0070)	ND(0.0066)
1,2-Dichloroethane		0.34	NA	ND(0.0070)	ND(0.0066)
1,2-Dichloropropane		0.34	NA	ND(0.0070)	ND(0.0066)
1,4-Dioxane		40	NA	ND(0.14) J	ND(0.13) J
2-Butanone		6900	NA	ND(0.014)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0070)	ND(0.0066)
2-Chloroethylvinylether		0.18	NA	ND(0.0070)	ND(0.0066)
2-Hexanone		750	NA	ND(0.014)	ND(0.013)
3-Chloropropene		2700	NA	ND(0.0070)	ND(0.0066)
4-Methyl-2-pentanone		750	NA	ND(0.014)	ND(0.013)
Acetone		1400	NA	ND(0.028)	ND(0.026)
Acetonitrile		200	NA	ND(0.14) J	ND(0.13) J
Acrolein		0.1	NA	ND(0.14) J	ND(0.13) J
Acrylonitrile		0.19	NA	ND(0.0070) J	ND(0.0066) J
Benzene		0.62	NA	ND(0.0070)	ND(0.0066)
Bromodichloromethane		0.98	NA	ND(0.0070)	ND(0.0066)
Bromoform		56	NA	ND(0.0070)	ND(0.0066)
Bromomethane		3.8	NA	ND(0.0070)	ND(0.0066)
Carbon Disulfide		350	NA	ND(0.0070) J	ND(0.0066) J
Carbon Tetrachloride		0.23	NA	ND(0.0070)	ND(0.0066)
Chlorobenzene		54	NA	ND(0.0070)	ND(0.0066)
Chloroethane		1600	NA	ND(0.0070)	ND(0.0066)
Chloroform		0.24	NA	ND(0.0070)	ND(0.0066)
Chloromethane		1.2	NA	ND(0.0070)	ND(0.0066)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0070)	ND(0.0066)
Dibromochloromethane		5.3	NA	ND(0.0070)	ND(0.0066)
Dibromomethane		550	NA	ND(0.0070)	ND(0.0066)
Dichlorodifluoromethane		94	NA	ND(0.0070)	ND(0.0066)
Ethyl Methacrylate		140	NA	ND(0.0070)	ND(0.0066)
Ethylbenzene		230	NA	ND(0.0070)	ND(0.0066)
Iodomethane		1.2	NA	ND(0.0070) J	ND(0.0066) J
Isobutanol		10000	NA	ND(0.14) J	ND(0.13) J
Methacrylonitrile		1.8	NA	ND(0.0070)	ND(0.0066)
Methyl Methacrylate		2200	NA	ND(0.0070)	ND(0.0066)
Methylene Chloride		8.5	NA	ND(0.0070)	ND(0.0066)
Propionitrile		200	NA	ND(0.014)	ND(0.013)
Styrene		1700	NA	ND(0.0070)	ND(0.0066)
Tetrachloroethene		4.7	NA	ND(0.0070)	ND(0.0066)
Toluene		520	NA	ND(0.0070)	ND(0.0066)
trans-1,2-Dichloroethene		62	NA	ND(0.0070)	ND(0.0066)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0070)	ND(0.0066)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0070)	ND(0.0066)
Trichloroethane		2.7	NA	ND(0.0070)	ND(0.0066)
Trichlorofluoromethane		380	NA	ND(0.0070)	ND(0.0066)
Vinyl Acetate		420	NA	ND(0.0070)	ND(0.0066)
Vinyl Chloride		0.021	NA	ND(0.0070)	ND(0.0066)
Xylenes (total)		210	NA	ND(0.0070)	ND(0.0066)

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI 19-9-24-SB-1 SLB-5-SB-1 0-1 07/01/03	PDI 19-9-24-SB-1 1-3 07/01/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.38)	ND(0.60)	ND(0.44)
1,2,4-Trichlorobenzene		480	ND(0.38)	ND(0.60)	ND(0.44)
1,2-Dichlorobenzene		370	ND(0.38)	ND(0.60)	ND(0.44)
1,2-Diphenylhydrazine		0.56	ND(0.38)	ND(0.60)	ND(0.44)
1,3,5-Trinitrobenzene		1600	ND(0.38)	ND(0.60)	ND(0.44)
1,3-Dichlorobenzene		41	ND(0.38)	ND(0.60)	ND(0.44)
1,3-Dinitrobenzene		5.5	ND(0.38)	ND(0.94)	ND(0.88)
1,4-Dichlorobenzene		3	ND(0.38)	ND(0.60)	ND(0.44)
1,4-Naphthoquinone		55	ND(0.38)	ND(0.94)	ND(0.88)
1-Naphthylamine	Not Listed		ND(4.6)	ND(0.94)	ND(0.88)
2,3,4,6-Tetrachlorophenol		1600	ND(0.38)	ND(0.60)	ND(0.44)
2,4,5-Trichlorophenol		5500	ND(1.8)	ND(0.60)	ND(0.44)
2,4,6-Trichlorophenol		40	ND(0.38)	ND(0.60)	ND(0.44)
2,4-Dichlorophenol		160	ND(0.38)	ND(0.60)	ND(0.44)
2,4-Dimethylphenol		1100	NA	ND(0.60)	ND(0.44)
2,4-Dinitrophenol		110	ND(1.8)	ND(3.0) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(0.38)	ND(0.60)	ND(0.44)
2,6-Dichlorophenol		160	ND(0.38)	ND(0.60)	ND(0.44)
2,6-Dinitrotoluene		55	ND(0.38)	ND(0.60)	ND(0.44)
2-Acetylaminofluorene		0.56	ND(0.38)	ND(0.94)	ND(0.88)
2-Chloronaphthalene		3700	ND(0.38)	ND(0.60)	ND(0.44)
2-Chlorophenol		59	ND(0.38)	ND(0.60)	ND(0.44)
2-Methylphenol		55	ND(0.38)	ND(0.60)	ND(0.44)
2-Methylnaphthalene		2700	ND(0.38)	ND(0.60)	ND(0.44)
2-Naphthylamine	Not Listed		ND(6.5)	ND(0.94)	ND(0.88)
2-Nitroaniline		3.3	ND(1.8)	ND(3.0)	ND(2.2)
2-Nitrophenol	Not Listed		ND(0.38)	ND(0.94)	ND(0.88)
2-Picoline		55	ND(2.7)	ND(0.60)	ND(0.44)
3&4-Methylphenol		270	ND(0.38)	ND(0.94)	ND(0.88)
3,3'-Dichlorobenzidine		0.99	ND(0.76)	ND(1.2)	ND(0.88)
3,3'-Dimethylbenzidine		0.048	ND(3.1)	ND(0.60)	ND(0.44)
3-Methylcholanthrene		0.056	ND(1.2)	ND(0.94)	ND(0.88)
3-Nitroaniline		5.5	ND(1.8)	ND(3.0)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(1.8)	ND(0.60)	ND(0.44)
4-Aminobiphenyl		1400	ND(1.9)	ND(0.94)	ND(0.88)
4-Bromophenyl-phenylether		160	ND(0.38)	ND(0.60)	ND(0.44)
4-Chloro-3-Methylphenol		2700	ND(0.38)	ND(0.60)	ND(0.44)
4-Chloroaniline		220	ND(0.38)	ND(0.60)	ND(0.44)
4-Chlorobenzilate		1.6	ND(0.38)	ND(0.94)	ND(0.88)
4-Chlorophenyl-phenylether	Not Listed		ND(0.38)	ND(0.60)	ND(0.44)
4-Methylphenol		270	ND(0.38)	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(2.4)	ND(2.2)
4-Nitrophenol		3400	ND(1.8)	ND(3.0) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(0.38)	ND(0.94)	ND(0.88)
4-Phenylenediamine		10000	ND(1.9)	ND(0.94)	ND(0.88)
5-Nitro-o-toluidine		13	ND(0.77)	ND(0.94)	ND(0.88)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.77)	ND(0.94)	ND(0.88)
a,a'-Dimethylphenethyamine		55	ND(0.38)	ND(0.94)	ND(0.88)
Acenaphthene		2600	ND(0.38)	ND(0.60)	ND(0.44)
Acenaphthylene		55	ND(0.38)	ND(0.60)	ND(0.44)
Acetophenone		0.49	ND(0.38)	ND(0.60)	ND(0.44)
Aniline		78	ND(0.38)	ND(0.60)	ND(0.44)
Anthracene		14000	ND(0.38)	ND(0.60)	ND(0.44)
Aramite		18	ND(0.38)	ND(0.94)	ND(0.88)
Benzidine		0.0019	ND(1.9)	ND(1.2)	ND(0.88)
Benzol(a)anthracene		0.56	ND(0.38)	0.26 J	ND(0.44)
Benzol(a)pyrene		0.056	ND(0.38)	0.31 J	ND(0.44)
Benzol(b)fluoranthene		0.56	ND(0.38)	0.21 J	ND(0.44)
Benzol(g,h,i)perylene		55	ND(0.38)	ND(0.60)	ND(0.44)

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI 19-9-24-SB-1 19-9-24-SB-1 0-1 07/01/03	PDI 19-9-24-SB-1 19-9-24-SB-1 1-3 07/01/03
Semi-volatile Organics (continued)					
Benzol(k)fluoranthene		5.6	ND(0.38)	0.25 J	ND(0.44)
Benzoic Acid		100000	ND(1.8)	NA	NA
Benzyl Alcohol		16000	ND(0.38)	ND(1.2)	ND(0.88)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
bis(2-Chloroethyl)ether		0.18	ND(0.38)	ND(0.60) J	ND(0.44) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.38)	ND(0.60)	ND(0.44)
bis(2-Ethylhexyl)phthalate		32	ND(0.38)	ND(0.46)	ND(0.44)
Butylbenzylphthalate		930	ND(0.38)	ND(0.60)	ND(0.44)
Chrysene		56	ND(0.38)	0.35 J	ND(0.44)
Diallate		7.3	ND(0.38)	ND(0.94)	ND(0.88)
Dibenzo(a,h)anthracene		0.056	ND(0.38)	ND(0.60)	ND(0.44)
Dibenzofuran		210	ND(0.38)	ND(0.60)	ND(0.44)
Diethylphthalate		44000	ND(0.38)	ND(0.60)	ND(0.44)
Dimethylphthalate		100000	ND(0.38)	ND(0.60)	ND(0.44)
Di-n-Butylphthalate		5500	0.087 JB	ND(0.60)	ND(0.44)
Di-n-Octylphthalate		1100	ND(0.38)	ND(0.60)	ND(0.44)
Dinoseb		55	ND(0.77)	NA	NA
Diphenylamine		1400	ND(0.38)	ND(0.60)	ND(0.44)
Ethyl Methacrylate		140	ND(0.77)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Fluoranthene		2000	ND(0.38)	0.64	ND(0.44)
Fluorene		1800	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorobenzene		0.28	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorobutadiene		5.7	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorocyclopentadiene		380	ND(0.38)	ND(0.60) J	ND(0.44) J
Hexachloroethane		32	ND(0.38)	ND(0.60)	ND(0.44)
Hexachlorophene		16	ND(1.9)	ND(1.2) J	ND(0.88) J
Hexachloropropene		Not Listed	ND(0.77)	ND(0.60)	ND(0.44)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.38)	0.21 J	ND(0.44)
Isodrin		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Isophorone		470	ND(0.38)	ND(0.60)	ND(0.44)
Isosafrole		Not Listed	ND(0.38)	ND(0.94)	ND(0.88)
Methapyrene		55	ND(1.5)	ND(0.94)	ND(0.88)
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(0.60)	ND(0.44)
Naphthalene		55	ND(0.38)	ND(0.60)	ND(0.44)
Nitrobenzene		16	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodimethylamine		0.003	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodimethylamine		0.0087	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitroso-di-n-butylamine		0.022	ND(0.77)	ND(0.94)	ND(0.88)
N-Nitroso-di-n-propylamine		0.063	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosodiphenylamine		91	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosomethylethylamine		0.02	ND(0.38)	ND(0.94)	ND(0.88)
N-Nitrosomorpholine		0.21	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosopiperidine		0.21	ND(0.38)	ND(0.60)	ND(0.44)
N-Nitrosopyrrolidine		0.21	ND(0.38)	ND(0.94)	ND(0.88)
o,o'-Triethylphosphorothioate		11	ND(0.38)	ND(0.60)	ND(0.44)
o-Toluidine		1.9	ND(0.38)	ND(0.60)	ND(0.44)
p-Dimethylaminoazobenzene		0.99	ND(1.2)	ND(0.94)	ND(0.88)
Pentachlorobenzene		44	ND(0.77)	ND(0.60)	ND(0.44)
Pentachloroethane		2.8	ND(0.77)	ND(0.60)	ND(0.44)
Pentachloronitrobenzene		1.7	ND(0.77)	ND(0.94) J	ND(0.88) J
Pentachlorophenol		2.5	ND(1.8)	ND(3.0)	ND(2.2)
Phenacetin		640	ND(0.38)	ND(0.94)	ND(0.88)
Phenanthrene		55	ND(0.38)	0.34 J	ND(0.44)
Phenol		33000	ND(0.38)	ND(0.60)	ND(0.44)
Pronamide		4100	ND(1.2)	ND(0.60)	ND(0.44)
Pyrene		1500	ND(0.38)	0.61	0.16 J

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
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:	EPA Region 9 Residential PRGs	Historical SLB-5 Bottom Bank SLB-5-BB 0-0.5 01/19/95	PDI 19-9-24-SB-1 19-9-24-SB-1 0-1 07/01/03	PDI 19-9-24-SB-1 19-9-24-SB-1 1-3 07/01/03
Semi-volatile Organics (continued)					
Pyridine		55	ND(0.38)	ND(0.60)	ND(0.44)
Safrole		Not Listed	ND(0.38)	ND(0.60) J	ND(0.44) J
Sulfotep		27	ND(0.38)	NA	NA
Thionazin		330	ND(0.38)	ND(0.60)	ND(0.44)
Furans					
2,3,7,8-TCDF		Not Applicable	0.000012 YJ	0.000079 YI	0.000086 YI
TCDFs (total)		Not Applicable	0.000011	0.000020	0.000020
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000077)	0.000074	ND(0.000014)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.000012)	ND(0.000052) X	ND(0.000053) X
PeCDFs (total)		Not Applicable	0.000012	0.000047	0.000066
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000014)	0.000056 I	0.000040 I
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.0000084)	0.000059	ND(0.000068) X
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000036)	ND(0.000014)	ND(0.000012)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000077)	0.000026	0.000028
HxCDFs (total)		Not Applicable	0.000010	0.00012	0.000095
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000062 J	0.000039	0.000039
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000050)	ND(0.000099) X	0.000067
HpCDFs (total)		Not Applicable	0.000015	0.000039	0.000045
OCDF		Not Applicable	0.000013	0.00015	0.00010
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.0000015)	ND(0.0000086)	ND(0.000010)
TCDDs (total)		Not Applicable	ND(0.0000043)	ND(0.0000086)	ND(0.000010)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000022)	ND(0.000024)	ND(0.000025)
PeCDDs (total)		Not Applicable	ND(0.0000072)	ND(0.000024)	ND(0.000025)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000038)	ND(0.000021)	ND(0.000019)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000011)	ND(0.000019)	ND(0.000017)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000076)	ND(0.000019)	ND(0.000017)
HxCDDs (total)		Not Applicable	ND(0.000027)	ND(0.000019)	ND(0.000017)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000019	0.000070	0.00012
HpCDDs (total)		Not Applicable	0.000033	0.00016	0.00023
OCDD		Not Applicable	0.00017	0.00049	0.00078
Total TEQs (WHO TEFs)		Not Applicable	0.000012	0.00012	0.00011
Inorganics					
Aluminum		75000	8300	NA	NA
Antimony		30	ND(5.90)	ND(6.00)	ND(6.00)
Arsenic		0.38	2.60	6.30	7.30
Barium		5200	18.2 B	58.0	76.0
Beryllium		150	ND(0.120)	0.280 B	0.300 B
Cadmium		37	0.640	0.330 B	0.350 B
Calcium		Not Listed	5780	NA	NA
Chromium		210	6.70	7.90	9.70
Cobalt		3300	7.00	8.60	6.20
Copper		2800	22.5	39.0	100
Cyanide		11	ND(0.530)	0.460	0.120 B
Iron		22000	20100	NA	NA
Lead		400	41.7	120	220
Magnesium		Not Listed	4480	NA	NA
Manganese		3100	493	NA	NA
Mercury		22	ND(0.120)	0.240	0.670
Nickel		1500	17.5	13.0	12.0
Potassium		Not Listed	369 B	NA	NA
Selenium		370	0.310 B	ND(1.00) J	ND(1.00) J
Silver		370	ND(0.590)	ND(1.00)	0.150 B
Sodium		Not Listed	38.5 B	NA	NA
Sulfide		350	NA	9.00	290
Thallium		6	ND(0.230)	ND(1.40)	ND(1.30)
Tin		45000	NA	ND(12.0)	30.0
Vanadium		520	10.6	8.50	12.0
Zinc		22000	80.5	160	240

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		
			19-9-24-SB-1 19-9-24-SB-1 9-11 02/01/05	19-9-24-SB-2 19-9-24-SB-2 0-1 07/01/03	
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,1-Trichloroethane		680	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,2,2-Tetrachloroethane		0.36	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1,2-Trichloroethane		0.82	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1-Dichloroethane		570	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,1-Dichloroethane		0.052	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2,3-Trichloropropane		0.0014	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dibromo-3-chloropropane		0.32	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dibromoethane		0.0049	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dichloroethane		0.34	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,2-Dichloropropane		0.34	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
1,4-Dioxane		40	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
2-Butanone		6900	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
2-Chloroethylvinylether		0.18	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
2-Hexanone		750	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
3-Chloropropene		2700	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
4-Methyl-2-pentanone		750	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
Acetone		1400	ND(0.11) [ND(0.43)]	ND(0.025)	ND(0.025)
Acetonitrile		200	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Acrolein		0.1	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Acrylonitrile		0.19	ND(0.11) [ND(0.43)]	ND(0.062) J	ND(0.063) J
Benzene		0.62	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromodichloromethane		0.98	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromotom		56	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Bromomethane		3.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Carbon Disulfide		350	0.073 J [ND(0.43)]	ND(0.062) J	ND(0.063) J
Carbon Tetrachloride		0.23	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chlorobenzene		54	0.18 [0.27] J	ND(0.0062)	ND(0.0063)
Chloroethane		1600	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chloroform		0.24	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Chloromethane		1.2	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
cis-1,3-Dichloropropene		Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dibromochloromethane		5.3	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dibromomethane		550	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Dichlorodifluoromethane		94	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Ethyl Methacrylate		140	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Ethylbenzene		230	0.028 J [ND(0.43)]	ND(0.0062)	ND(0.0063)
Iodomethane		1.2	ND(0.11) [ND(0.43)]	ND(0.062) J	ND(0.063) J
Isobutanol		10000	ND(0.18) [ND(0.43)]	ND(0.12) J	ND(0.13) J
Methacrylonitrile		1.8	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Methyl Methacrylate		2200	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Methylene Chloride		8.5	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Propionitrile		200	ND(0.11) [ND(0.43)]	ND(0.012)	ND(0.013)
Styrene		1700	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Tetrachloroethene		4.7	0.040 J [ND(0.43)]	ND(0.0062)	ND(0.0063)
Toluene		520	0.069 J [0.14] J	ND(0.0062)	ND(0.0063)
trans-1,2-Dichloroethene		62	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
trans-1,3-Dichloropropene		Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Trichloroethene		2.7	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Trichlorofluoromethane		380	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Vinyl Acetate		420	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Vinyl Chloride		0.021	ND(0.11) [ND(0.43)]	ND(0.0062)	ND(0.0063)
Xylenes (total)		210	0.093 J [ND(0.43)]	ND(0.0062)	ND(0.0063)

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI	
			19-9-24-SB-1 19-9-24-SB-1 9-11 02/01/05	19-9-24-SB-2 19-9-24-SB-2 0-1 07/01/03	19-9-24-SB-2 19-9-24-SB-2 3-5 07/01/03	
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
1,2,4-Trichlorobenzene		480	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
1,2-Dichlorobenzene		370	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
1,2-Diphenylhydrazine		0.56	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
1,3,5-Trinitrobenzene		1600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
1,3-Dichlorobenzene		41	ND(7.0) [0.070 J]	ND(0.41)	ND(0.42)	
1,3-Dinitrobenzene		5.5	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
1,4-Dichlorobenzene		3	ND(7.0) [0.17 J]	ND(0.41)	ND(0.42)	
1,4-Napthoquinone		55	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
1-Napththylamine		Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
2,3,4,6-Tetrachlorophenol		1600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,4,5-Trichlorophenol		5500	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,4,6-Trichlorophenol		40	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,4-Dichlorophenol		160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,4-Dimethylphenol		1100	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,4-Dinitrophenol		110	ND(35) [ND(2.9)]	ND(2.1) J	ND(2.2) J	
2,4-Dinitrofluorene		160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,6-Dichlorophenol		55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2,6-Dinitrofluorene		0.56	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
2-Acetylanilinofluorene		3700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2-Chloronaphthalene		59	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2-Methylnaphthalene		55	ND(7.0) [0.065 J]	ND(0.41)	ND(0.42)	
2-Methylphenol		2700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
2-Napththylamine		Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
2-Nitroaniline		3.3	ND(35) [ND(2.9)]	ND(2.1)	ND(2.2)	
2-Nitrophenol		Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
2-Picoline		55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
3&4-Methylphenol		270	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
3,3-Dichlorobenzidine		0.99	ND(14) [ND(1.1)]	ND(0.83)	ND(0.85)	
3,3-Dimethylbenzidine		0.048	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
3-Methylcholanthrene		0.056	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
3-Nitroaniline		5.5	ND(35) [ND(2.9)]	ND(2.1)	ND(2.2)	
4,6-Dinitro-2-methylphenol		55	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
4-Aminobiphenyl		1400	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
4-Bromobiphenyl-phenylether		160	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
4-Chloro-3-Methylphenol		2700	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
4-Chloroaniline		220	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
4-Chlorobenzilate		16	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
4-Chlorophenyl-phenylether		Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
4-Methylphenol		270	NA	NA	NA	
4-Nitroaniline		5.5	ND(7.0) [ND(2.9)]	ND(2.1)	ND(2.2)	
4-Nitrophenol		3400	ND(35) [ND(2.9)]	ND(2.1) J	ND(2.2) J	
4-Nitroquinoline-1-oxide		110	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
4-Phenylenediamine		10000	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
5-Nitro-o-tolidine		13	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
7,12-Dimethylbenz(a)anthracene		0.056	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
a,a'-Dimethylpiperethyamine		55	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
Acenaphthene		2600	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
Acenaphthylene		55	ND(7.0) [0.95]	ND(0.41)	ND(0.42)	
Acetophenone		0.49	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
Aniline		78	ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)	
Anthracene		14000	ND(7.0) [0.94]	ND(0.41)	ND(0.42)	
Azartite		18	ND(7.0) [ND(1.1)]	ND(0.83)	ND(0.85)	
Benzol(e)anthracene		0.0019	ND(14) [ND(1.1)]	ND(0.83)	ND(0.85)	
Benzol(a)pyrene		0.56	ND(7.0) [1.5]	0.20 J	0.11 J	
Benzol(b)fluoranthene		0.056	ND(7.0) [0.99]	0.20 J	0.13 J	
Benzol(g,h,i)perylene		0.56	ND(7.0) [0.59]	0.12 J	0.12 J	
		55	ND(7.0) [0.45 J]	0.15 J	ND(0.42)	

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-9-24-SB-1 19-9-24-SB-1 9-11 02/01/05	19-9-24-SB-2 19-9-24-SB-2 0-1 07/01/03
Semivolatile Organics (continued)				
Benzol(k)fluoranthene		5.6	ND(7.0) [0.71]	0.17 J
Benzoic Acid		100000	NA	NA
Benzyl Alcohol		16000	ND(14) [ND(1.1)]	ND(0.85)
bis(2-Chloroethoxy)methane		Not Listed	ND(7.0) [ND(0.57)]	ND(0.42)
bis(2-Chloroethyl)ether		0.18	ND(7.0) [ND(0.57)]	ND(0.41) J
bis(2-Chloroisopropyl)ether		2.5	ND(7.0) [ND(0.57)]	ND(0.41)
bis(2-Ethylhexyl)phthalate		32	ND(3.5) [0.91]	ND(0.41)
Butylbenzylphthalate		930	ND(7.0) [ND(0.57)]	ND(0.41)
Chrysene		56	ND(7.0) [1.5]	0.26 J
Diallate		7.3	ND(7.0) [ND(1.1)]	ND(0.83)
Dibenzof(a,h)anthracene		0.056	ND(7.0) [0.12 J]	ND(0.41)
Dibenzofuran		210	ND(7.0) [0.088 J]	ND(0.41)
Diethylphthalate		44000	ND(7.0) [ND(0.57)]	ND(0.41)
Dimethylphthalate		100000	ND(7.0) [ND(0.57)]	ND(0.41)
Di-n-Butylphthalate		5500	ND(7.0) [ND(0.57)]	ND(0.41)
Di-n-Octylphthalate		1100	ND(7.0) [ND(0.57)]	ND(0.41)
Dinoseb		55	NA	NA
Diphenylamine		1400	ND(7.0) [ND(0.57)]	ND(0.41)
Ethyl Methacrylate		140	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(7.0) [ND(0.57)]	ND(0.42)
Fluoranthene		2000	ND(7.0) [1.7]	0.33 J
Fluorene		1800	ND(7.0) [0.21 J]	ND(0.41)
Hexachlorobenzene		0.28	ND(7.0) [ND(0.57)]	ND(0.41)
Hexachlorocyclopentadiene		5.7	ND(7.0) [ND(0.57)]	ND(0.41)
Hexachlorocyclopentadiene		380	ND(7.0) [ND(0.57)]	ND(0.41) J
Hexachloroethane		32	ND(7.0) [ND(0.57)]	ND(0.41)
Hexachlorophene		16	ND(14) [ND(1.1)]	ND(0.83) J
Hexachloropropene		Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)
Indeno(1,2,3-cd)pyrene		0.56	ND(7.0) [0.35 J]	0.13 J
Isodrin		Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)
Isophtorone		470	ND(7.0) [ND(0.57)]	ND(0.41)
Isosafrole		Not Listed	ND(7.0) [ND(1.1)]	ND(0.83)
Methacrylene		55	ND(7.0) [ND(1.1)]	ND(0.83)
Methyl Methanesulfonate		Not Listed	ND(7.0) [ND(0.57)]	ND(0.41)
Naphthalene		55	ND(7.0) [0.084 J]	ND(0.41)
Nitrobenzene		16	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitrosodimethylamine		0.003	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitrosodimethylamine		0.0087	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitroso-di-n-butylamine		0.022	ND(7.0) [ND(1.1)]	ND(0.83)
N-Nitroso-di-n-propylamine		0.063	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitrosodiphenylamine		91	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitrosomorpholine		0.02	ND(7.0) [ND(1.1)]	ND(0.83)
N-Nitrosopiperidine		0.21	ND(7.0) [ND(0.57)]	ND(0.41)
N-Nitrosopyrrolidine		0.21	ND(7.0) [ND(0.57)]	ND(0.83)
o,o,o'-Triethylphosphorothioate		11	ND(7.0) [ND(1.1)]	ND(0.85)
o-Toluidine		1.9	ND(7.0) [ND(0.57)]	ND(0.41)
p-Dimethylaminoazobenzene		0.99	ND(7.0) [ND(1.1)]	ND(0.85)
Pentachlorobenzene		44	ND(7.0) [ND(0.57)]	ND(0.41)
Pentachloroethane		2.8	ND(7.0) [ND(0.57)]	ND(0.41)
Pentachloronitrobenzene		1.7	ND(7.0) [ND(1.1)]	ND(0.83) J
Phenacetin		2.5	ND(35) [ND(2.9)]	ND(2.1)
Phenanthrene		640	ND(7.0) [ND(1.1)]	ND(0.83)
Phenanthrene		55	ND(7.0) [2.0]	0.19 J
Phenol		33000	ND(7.0) [0.18 J]	ND(0.41)
Propamide		4100	ND(7.0) [ND(0.57)]	ND(0.41)
Pyrene		1500	ND(7.0) [2.9]	0.34 J

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-9-24-SB-1 19-9-24-SB-1 9-11 02/01/05	PDI 19-9-24-SB-2 19-9-24-SB-2 0-1 07/01/03	PDI 19-9-24-SB-2 19-9-24-SB-2 3-5 07/01/03
Semivolatile Organics (continued)					
Pyridine	55		ND(7.0) [ND(0.57)]	ND(0.41)	ND(0.42)
Satrole	Not Listed		ND(7.0) [ND(0.57)]	ND(0.41) J	ND(0.42) J
Thionazin	330		ND(7.0) [ND(0.57)]	NA	NA
				ND(0.41)	ND(0.42)
Furans					
2,3,7,8-TCDF	Not Applicable		0.00012 Y [0.00010 Y]	0.000012 Y	ND(0.0000029) Y
TCDFs (total)	Not Applicable		0.0021 Q [0.0019]	0.00010	0.000020
1,2,3,7,8-PeCDF	Not Applicable		0.000030 [0.000020]	ND(0.000021) X	0.0000029
2,3,4,7,8-PeCDF	Not Applicable		0.00020 [0.00014]	0.0000099	ND(0.0000010)
PeCDFs (total)	Not Applicable		0.0013 Q [0.0022 Q]	0.000022	0.000036
1,2,3,4,7,8-HxCDF	Not Applicable		0.00022 [0.00017]	0.00012 I	0.000035 I
1,2,3,6,7,8-HxCDF	Not Applicable		0.00010 [0.000077]	0.000021	ND(0.0000010)
1,2,3,7,8,9-HxCDF	Not Applicable		0.00037 Q [0.000037]	ND(0.0000026)	ND(0.0000013)
2,3,4,6,7,8-HxCDF	Not Applicable		0.00017 [0.00011]	0.000010	0.0000033
HxCDFs (total)	Not Applicable		0.0027 Q [0.0019 I]	0.00026	0.000084
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.00052 [0.00040]	0.00017	0.000017
1,2,3,4,7,8,9-HpCDF	Not Applicable		0.00012 [0.000093]	0.000055	ND(0.0000019)
HpCDFs (total)	Not Applicable		0.0013 [0.00097]	0.00032	0.000017
OCDF	Not Applicable		0.00084 [0.00059]	0.00099	0.000073
Dioxins					
2,3,7,8-TCDD	Not Applicable		0.0000033 J Q [0.000028 J]	ND(0.0000010) J	ND(0.00000084) J
TCDDs (total)	Not Applicable		0.000072 Q [0.000076]	ND(0.0000010)	ND(0.00000084)
1,2,3,7,8-PeCDD	Not Applicable		0.000018 [0.0000082]	ND(0.0000032)	ND(0.0000021)
PeCDDs (total)	Not Applicable		0.00014 Q [0.00015 Q]	ND(0.0000032)	ND(0.0000021)
1,2,3,4,7,8-HxCDD	Not Applicable		0.000026 [0.000018]	ND(0.0000033)	ND(0.0000020)
1,2,3,6,7,8-HxCDD	Not Applicable		0.000049 [0.000031]	ND(0.0000030)	ND(0.0000018)
1,2,3,7,8,9-HxCDD	Not Applicable		0.000047 [0.000029]	ND(0.000011) X	ND(0.0000018)
HxCDDs (total)	Not Applicable		0.00059 [0.00039]	ND(0.0000030)	ND(0.0000018)
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.00071 [0.00054]	0.000045	0.000011
HpCDDs (total)	Not Applicable		0.0014 [0.0011]	0.000045	0.000019
OCDD	Not Applicable		0.0039 [0.0033]	0.00035	0.000098
Total TEQs (WHO TEQs)	Not Applicable		0.00021 [0.00015]	0.000028	0.0000065
Inorganics					
Aluminum	75000		NA	NA	NA
Antimony	30		4.30 B [4.60 B]	ND(6.00)	ND(6.00)
Arsenic	0.38		12.0 [14.0]	6.80	4.40
Barium	5200		100 [250]	110	40.0
Beryllium	150		0.240 B [0.270 B]	0.330 B	0.260 B
Cadmium	37		6.80 [11.0]	0.470 B	ND(0.500)
Calcium	Not Listed		NA	NA	NA
Chromium	210		52.0 [79.0]	9.60	8.30
Cobalt	3300		6.30 [14.0]	6.60	8.80
Copper	2800		230 [390]	34.0	23.0
Cyanide	11		0.980 [0.930]	0.220	0.0590 B
Iron	22000		NA	NA	NA
Lead	400		300 [380]	360	51.0
Magnesium	Not Listed		NA	NA	NA
Manganese	3100		NA	NA	NA
Mercury	22		1.00 [1.30]	0.320	0.140
Nickel	1500		37.0 [91.0]	11.0	13.0
Potassium	Not Listed		NA	NA	NA
Selenium	370		ND(1.30) [ND(1.30)]	ND(1.00) J	ND(1.00) J
Silver	370		6.80 [8.40]	0.200 B	0.140 B
Sodium	Not Listed		NA	NA	NA
Sulfide	350		1200 [1300]	ND(6.20)	63.0
Thallium	6		4.00 [15.0]	ND(1.20)	ND(1.30)
Tin	45000		38.0 [75.0]	ND(10.0)	ND(10.0)
Vanadium	520		13.0 [16.0]	10.0	7.60
Zinc	22000		450 [640]	140	88.0

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-9-24-SB-2 19-9-24-SB-2 13-15 02/01/05	19-9-24-SB-2 19-9-24-SB-2 13-15 10/17/05	19-9-24-SB-2SE 19-9-24-SB-2SE 13-15 10/18/05	19-9-24-SB-2-SE 19-9-24-SB-2-SE 9-11 06/08/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.69)	NA	NA	NA
1,1,1-Trichloroethane		680	ND(0.69)	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.69)	NA	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.69)	NA	NA	NA
1,1-Dichloroethane		570	ND(0.69)	NA	NA	NA
1,1-Dichloroethene		0.052	ND(0.69)	NA	NA	NA
1,2,3-Trichloropropene		0.0014	ND(0.69)	NA	NA	NA
1,2-Dibromo-3-chloropropene		0.32	ND(0.69)	NA	NA	NA
1,2-Dibromoethane		0.0049	ND(0.69)	NA	NA	NA
1,2-Dichloroethane		0.34	ND(0.69)	NA	NA	NA
1,2-Dichloropropane		0.34	ND(0.69)	NA	NA	NA
1,4-Dioxane		40	ND(0.69)	NA	NA	NA
2-Butanone		6900	ND(0.69)	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.69)	NA	NA	NA
2-Chloroethylvinylether		0.18	ND(0.69)	NA	NA	NA
2-Hexanone		750	ND(0.69)	NA	NA	NA
3-Chloropropene		2700	ND(0.69)	NA	NA	NA
4-Methyl-2-pentanone		750	ND(0.69)	NA	NA	NA
Acetone		1400	ND(0.69)	NA	NA	NA
Acetonitrile		200	ND(0.69)	NA	NA	NA
Acrolein		0.1	ND(0.69)	NA	NA	NA
Acrylonitrile		0.19	ND(0.69)	NA	NA	NA
Benzene		0.62	0.25 J	NA	NA	NA
Bromodichloromethane		0.98	ND(0.69)	NA	NA	NA
Bromoform		56	ND(0.69)	NA	NA	NA
Bromomethane		3.8	ND(0.69)	NA	NA	NA
Carbon Disulfide		350	0.64 J	NA	NA	NA
Carbon Tetrachloride		0.23	ND(0.69)	NA	NA	NA
Chlorobenzene		54	0.91	NA	NA	NA
Chloroethane		1600	ND(0.69)	NA	NA	NA
Chloroform		0.24	ND(0.69)	NA	NA	NA
Chloromethane		1.2	ND(0.69)	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.69)	NA	NA	NA
Dibromochloromethane		5.3	ND(0.69)	NA	NA	NA
Dibromomethane		550	ND(0.69)	NA	NA	NA
Dichlorodifluoromethane		94	ND(0.69)	NA	NA	NA
Ethyl Methacrylate		140	ND(0.69)	NA	NA	NA
Ethylbenzene		230	0.15 J	NA	NA	NA
Iodomethane		1.2	ND(0.69)	NA	NA	NA
Isobutanol		10000	ND(0.69)	NA	NA	NA
Methacrylonitrile		1.8	ND(0.69)	NA	NA	NA
Methyl Methacrylate		2200	ND(0.69)	NA	NA	NA
Methylene Chloride		8.5	ND(0.69)	NA	NA	NA
Propionitrile		200	ND(0.69)	NA	NA	NA
Styrene		1700	ND(0.69)	NA	NA	NA
Tetrachloroethene		4.7	ND(0.69)	NA	NA	NA
Toluene		520	0.54 J	NA	NA	NA
trans-1,2-Dichloroethene		62	ND(0.69)	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.69)	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.69)	NA	NA	NA
Trichloroethane		2.7	ND(0.69)	NA	NA	NA
Trichlorofluoromethane		380	ND(0.69)	NA	NA	NA
Vinyl Acetate		420	ND(0.69)	NA	NA	NA
Vinyl Chloride		0.021	ND(0.69)	NA	NA	NA
Xylenes (total)		210	0.62 J	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-9-24-SB-2 19-9-24-SB-2 13-15 02/10/05	19-9-24-SB-2 19-9-24-SB-2 13-15 10/17/05	19-9-24-SB-2SE 19-9-24-SB-2SE 13-15 10/18/05	19-9-24-SB-2-SE 19-9-24-SB-2-SE 9-11 06/09/06
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(9.2)	NA	NA	NA
1,2,4-Trichlorobenzene		480	ND(9.2)	NA	NA	NA
1,2-Dichlorobenzene		370	ND(9.2)	NA	NA	NA
1,2-Diphenylhydrazine		0.56	ND(9.2)	NA	NA	NA
1,3,5-Trinitrobenzene		1600	ND(9.2)	NA	NA	NA
1,3-Dichlorobenzene		41	0.87 J	NA	NA	NA
1,3-Dinitrobenzene		5.5	ND(9.2)	NA	NA	NA
1,4-Dichlorobenzene		3	2.7 J	NA	NA	NA
1,4-Naphthoquinone		55	ND(9.2)	NA	NA	NA
1-Naphthylamine		Not Listed	ND(9.2)	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(9.2)	NA	NA	NA
2,4,5-Trichlorophenol		5500	ND(9.2)	NA	NA	NA
2,4,6-Trichlorophenol		40	ND(9.2)	NA	NA	NA
2,4-Dichlorophenol		160	ND(9.2)	NA	NA	NA
2,4-Dinitrophenol		1100	ND(9.2)	NA	NA	NA
2,4-Dinitrotoluene		110	ND(46)	NA	NA	NA
2,6-Dichlorophenol		160	ND(9.2)	NA	NA	NA
2,6-Dinitrotoluene		55	ND(9.2)	NA	NA	NA
2-Acetylaminofluorene		0.56	ND(9.2)	NA	NA	NA
2-Chloronaphthalene		3700	ND(9.2)	NA	NA	NA
2-Chlorophenol		59	ND(9.2)	NA	NA	NA
2-Methylnaphthalene		55	1.6 J	NA	NA	NA
2-Methylphenol		2700	4.5 J	NA	NA	NA
2-Naphthylamine		Not Listed	ND(9.2)	NA	NA	NA
2-Nitroaniline		3.3	ND(46)	NA	NA	NA
2-Nitrophenol		Not Listed	ND(9.2)	NA	NA	NA
2-Picoline		55	ND(9.2)	NA	NA	NA
3&4-Methylphenol		270	1.4 J	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(18)	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(9.2)	NA	NA	NA
3-Methylcholanthrene		0.056	ND(9.2)	NA	NA	NA
3-Nitroaniline		5.5	ND(46)	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(9.2)	NA	NA	NA
4-Aminobiphenyl		1400	ND(9.2)	NA	NA	NA
4-Bromophenylphenylether		160	ND(9.2)	NA	NA	NA
4-Chloro-3-Methylphenol		2700	ND(9.2)	NA	NA	NA
4-Chloroaniline		220	ND(9.2)	NA	NA	NA
4-Chlorobenzilate		1.6	ND(9.2)	NA	NA	NA
4-Chlorophenylphenylether		Not Listed	ND(9.2)	NA	NA	NA
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(9.2)	NA	NA	NA
4-Nitrophenol		3400	ND(46)	NA	NA	NA
4-Nitroquinoline-1-oxide		110	ND(9.2)	NA	NA	NA
4-Phenylethylenediamine		10000	ND(9.2)	NA	NA	NA
5-Nitro-o-toluidine		13	ND(9.2)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(9.2)	NA	NA	NA
a,a'-Dimethylphenethyamine		55	ND(9.2)	NA	NA	NA
Acenaphthene		2600	24	NA	NA	NA
Acenaphthylene		55	ND(9.2)	NA	NA	NA
Acetophenone		0.49	ND(9.2)	NA	NA	NA
Aniline		78	140	NA	NA	NA
Anthracene		14000	1.4 J	NA	NA	NA
Aramite		18	ND(9.2)	NA	NA	NA
Benidine		0.0019	ND(18)	NA	NA	NA
Benzol(a)anthracene		0.56	1.2 J	NA	NA	NA
Benzol(a)pyrene		0.056	1.3 J	NA	NA	NA
Benzol(b)fluoranthene		0.56	1.5 J	NA	NA	NA
Benzol(g,h,i)perylene		55	ND(9.2)	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	Data Type:	Location ID: Sample ID:	EPA Region 9 Residential PRGs	PDI		PDI		PDI	
					19-9-24-SB-2 19-9-24-SB-2 13-15	02/10/05	19-9-24-SB-2 19-9-24-SB-2 13-15	10/17/05		19-9-24-SB-2SE 19-9-24-SB-2SE 13-15
Semi-volatile Organics (continued)										
Benzol(k)fluoranthrene				5.6	1.3 J	NA	NA	NA	NA	NA
Benzolic Acid				100000	NA	NA	NA	NA	NA	NA
Benzyl Alcohol				16000	ND(18)	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether				0.18	ND(9.2)	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether				2.5	ND(9.2)	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate				32	ND(4.6)	NA	NA	NA	NA	NA
Butylbenzylphthalate				930	ND(9.2)	NA	NA	NA	NA	NA
Chrysene				56	2.4 J	NA	NA	NA	NA	NA
Diallate				7.3	ND(9.2)	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene				0.056	ND(9.2)	0.33 J	NA	NA	NA	NA
Dibenzofuran				210	ND(9.2)	NA	NA	NA	NA	NA
Diethylphthalate				44000	ND(9.2)	NA	NA	NA	NA	NA
Dimethylphthalate				100000	ND(9.2)	NA	NA	NA	NA	NA
Di-n-Butylphthalate				5500	ND(9.2)	NA	NA	NA	NA	NA
Di-n-Octylphthalate				1100	ND(9.2)	NA	NA	NA	NA	NA
Dinoseb				55	NA	NA	NA	NA	NA	NA
Diphenylamine				1400	ND(9.2)	NA	NA	NA	NA	NA
Ethyl Methacrylate				140	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
Fluoranthene				2000	4.1 J	NA	NA	NA	NA	NA
Fluorene				1800	ND(9.2)	NA	NA	NA	NA	NA
Hexachlorobenzene				0.28	ND(9.2)	NA	NA	NA	NA	NA
Hexachlorobutadiene				5.7	ND(9.2)	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene				380	ND(9.2)	NA	NA	NA	NA	NA
Hexachloroethane				32	ND(9.2)	NA	NA	NA	NA	NA
Hexachlorophene				16	ND(18)	NA	NA	NA	NA	NA
Hexachloropropane				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
Indenol(1,2,3-cd)pyrene				0.56	ND(9.2)	0.89 J	NA	NA	NA	NA
Isodrin				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
Isophorone				470	ND(9.2)	NA	NA	NA	NA	NA
Isosafrole				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
Methapyriene				55	ND(9.2)	NA	NA	NA	NA	NA
Methyl Methanesulfonate				Not Listed	ND(9.2)	NA	NA	NA	NA	NA
Naphthalene				55	0.99 J	NA	NA	NA	NA	NA
Nitrobenzene				16	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosodimethylamine				0.003	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosodimethylamine				0.0087	ND(9.2)	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine				0.022	ND(9.2)	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine				0.063	ND(9.2)	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine				91	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine				0.02	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine				0.21	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosomorpholine				0.21	ND(9.2)	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine				0.21	ND(9.2)	NA	NA	NA	NA	NA
o,o'-Triethylphosphorothioate				11	ND(9.2)	NA	NA	NA	NA	NA
o-Toluidine				1.9	ND(9.2)	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene				0.99	ND(9.2)	NA	NA	NA	NA	NA
Pentachlorobenzene				44	ND(9.2)	NA	NA	NA	NA	NA
Pentachloroethane				2.8	ND(9.2)	NA	NA	NA	NA	NA
Pentachloronitrobenzene				1.7	ND(9.2)	NA	NA	NA	NA	NA
Pentachlorophenol				2.5	ND(46)	NA	NA	NA	NA	NA
Phenacetin				640	ND(9.2)	NA	NA	NA	NA	NA
Phenanthrene				55	4.0 J	NA	NA	NA	NA	NA
Phenol				33000	16	NA	NA	NA	NA	NA
Pronamide				4100	ND(9.2)	NA	NA	NA	NA	NA
Pyrene				1500	5.3 J	NA	NA	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
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:	EPA Region 9 Residential PRGs	PDI		PDI	
			19-9-24-SB-2 13-15 02/01/05	19-9-24-SB-2 13-15 10/17/05	19-9-24-SB-2SE 13-15 10/18/05	19-9-24-SB-2-SE 9-11 06/08/06
Semivolatile Organics (continued)						
Pyridine		55	ND(9.2)	NA	NA	NA
Satrole		Not Listed	ND(9.2)	NA	NA	NA
Sulfotep		27	NA	NA	NA	NA
Thionazin		330	ND(9.2)	NA	NA	NA
Furans						
2,3,7,8-TCDF		Not Applicable	0.0019 Y	NA	ND(0.00000076)	NA
TCDFs (total)		Not Applicable	0.040 Q	NA	ND(0.00000076)	NA
1,2,3,7,8-PeCDF		Not Applicable	0.00058 Q	NA	ND(0.0000019)	NA
2,3,4,7,8-PeCDF		Not Applicable	0.0040 Q	NA	ND(0.0000019)	NA
PeCDFs (total)		Not Applicable	0.038 Q	NA	ND(0.0000019)	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0039	NA	ND(0.0000019)	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.0014 Q	NA	ND(0.0000019)	NA
1,2,3,7,8,9-HxCDF		Not Applicable	0.0031	NA	ND(0.0000019)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.057 Q	NA	ND(0.0000019)	NA
HxCDFs (total)		Not Applicable	0.015	NA	ND(0.0000019)	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.0048	NA	ND(0.0000019)	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.040 Q	NA	ND(0.0000019)	NA
HpCDFs (total)		Not Applicable	0.015	NA	ND(0.0000037)	NA
OCDF		Not Applicable				
Dioxins						
2,3,7,8-TCDD		Not Applicable	0.000074 Q	NA	ND(0.00000043)	NA
TCDDs (total)		Not Applicable	0.0036 Q	NA	ND(0.0000012)	NA
1,2,3,7,8-PeCDD		Not Applicable	0.00015	NA	ND(0.0000019)	NA
PeCDDs (total)		Not Applicable	0.0050 Q	NA	ND(0.0000019)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	0.00061	NA	ND(0.0000019)	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.0012	NA	ND(0.0000019)	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.00087	NA	ND(0.0000019)	NA
HxCDDs (total)		Not Applicable	0.015 Q	NA	ND(0.0000019)	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.019	NA	0.0000032 J	NA
HpCDDs (total)		Not Applicable	0.038	NA	0.0000055 J	NA
OCDD		Not Applicable	0.078 E	NA	0.0000065	NA
Total TEQs (WHO TEFs)		Not Applicable	0.0049	NA	0.0000024	NA
Inorganics						
Aluminum		75000	NA	NA	NA	1760 J [3270 J]
Antimony		30	14.0	NA	NA	38.1 J [8.85 J]
Arsenic		0.38	42.0	NA	NA	5.68 J [11.4 J]
Barium		5200	1000	NA	NA	557 J [1440 J]
Beryllium		150	1.00	NA	NA	0.196 J [0.358 J]
Cadmium		37	110	NA	NA	4.35 J [191 J]
Calcium		Not Listed	NA	NA	NA	1380 J [5020 J]
Chromium		210	760	NA	NA	5.24 J [19.1 J]
Cobalt		3300	22.0	NA	NA	4.55 J [2.65 J]
Copper		2800	4100	NA	NA	18.2 J [54.4 J]
Cyanide		11	18.0	NA	NA	NA
Iron		22000	NA	NA	NA	6130 J [10200 J]
Lead		400	2300	NA	3.20	153 J [313 J]
Magnesium		Not Listed	NA	NA	NA	381 J [622 J]
Manganese		3100	NA	NA	NA	3660 J [15200 J]
Mercury		22	23.0	NA	NA	0.0890 J [0.118 J]
Nickel		1500	390	NA	NA	3.82 J [7.06 J]
Potassium		Not Listed	NA	NA	NA	1160 J [488 J]
Selenium		370	5.40	NA	NA	2.08 J [7.01 J]
Silver		370	100	NA	NA	0.724 J [3.02 J]
Sodium		Not Listed	NA	NA	NA	2130 J [884 J]
Sulfide		350	11000	NA	NA	NA
Thallium		6	18.0	NA	NA	1.11 J [17.2 J]
Tin		45000	680	NA	NA	NA
Vanadium		520	48.0	NA	NA	7.76 J [15.3 J]
Zinc		22000	4600	NA	NA	3410 J [10900 J]

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		PDI		
			19-9-24-SB-2-SE 19-9-24-SB-2-SE 13-15 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 13-15 06/08/06	19-9-24-SB-2-SES-1 19-9-24-SB-2-SES-1 9-11 03/15/07			
Volatile Organics									
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane		4.7	NA	NA	NA	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethane		62	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA	NA	NA	NA
Trichloroethane		2.7	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		PDI		
			19-9-24-SB-2-SE 19-9-24-SB-2-SE 13-15 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 13-15 06/08/06	19-9-24-SB-2-SES-1 19-9-24-SB-2-SES-1 9-11 03/15/07			
Semivolatile Organics									
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA	NA	NA	NA	NA	NA
3,3-Dimethylbenzidine		0.048	NA	NA	NA	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol		270	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	NA	NA	NA
4-Phenylendiamine		10000	NA	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	NA	NA	NA
a,a-Dimethylphenethylamine		55	NA	NA	NA	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA	NA	NA	NA
Aranite		18	NA	NA	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA	NA	NA	NA
Benzol(a)anthracene		0.56	NA	NA	NA	NA	NA	NA	NA
Benzol(a)pyrene		0.056	NA	NA	NA	NA	NA	NA	NA
Benzol(b)fluoranthene		0.56	NA	NA	NA	NA	NA	NA	NA
Benzol(g,h,i)perylene		55	NA	NA	NA	NA	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		PDI		
			19-9-24-SB-2-SE 19-9-24-SB-2-SE 13-15 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 13-15 06/08/06	19-9-24-SB-2-SES-1 19-9-24-SB-2-SES-1 9-11 03/15/07			
Semivolatile Organics (continued)									
Benzok(fluoranthene		5.6	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid		100000	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA	NA	NA	NA
Dibenzol(a,h)anthracene		0.056	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA	NA	NA	NA
Dinoseb		55	NA	NA	NA	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA	NA	NA	NA
Isothorone		470	NA	NA	NA	NA	NA	NA	NA
Isoxoflone		Not Listed	NA	NA	NA	NA	NA	NA	NA
Methapyrene		55	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine		0.003	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA	NA	NA	NA
N-Nitrosomethyl ethylamine		0.02	NA	NA	NA	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA	NA	NA	NA
o,o,o'-Triethylphosphorothioate		11	NA	NA	NA	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA	NA	NA	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth (feet): Date Collected:	Data Type: Location ID: Sample ID:	EPA Region 9 Residential PRGs	PDI		PDI		PDI	
				19-9-24-SB-2-SE 19-9-24-SB-2-SE 13-15 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-SES 19-9-24-SB-2-SES 13-15 06/08/06	19-9-24-SB-2-SES-1 19-9-24-SB-2-SES-1 9-11 03/15/07		
Semivolatile Organics (continued)									
Pyridine			55	NA	NA	NA	NA	NA	NA
Sulfotolep			Not Listed	NA	NA	NA	NA	NA	NA
Thiomazin			27	NA	NA	NA	NA	NA	NA
			330	NA	NA	NA	NA	NA	NA
Furans									
2,3,7,8-TCDF			Not Applicable	NA	NA	NA	NA	NA	NA
TCDFs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF			Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF			Not Applicable	NA	NA	NA	NA	NA	NA
PeCDFs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF			Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF			Not Applicable	NA	NA	NA	NA	NA	NA
HxCDFs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF			Not Applicable	NA	NA	NA	NA	NA	NA
HpCDFs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
OCCDF			Not Applicable	NA	NA	NA	NA	NA	NA
Dioxins									
2,3,7,8-TCDD			Not Applicable	NA	NA	NA	NA	NA	NA
TCDDs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD			Not Applicable	NA	NA	NA	NA	NA	NA
PeCDDs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD			Not Applicable	NA	NA	NA	NA	NA	NA
HxCDDs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD			Not Applicable	NA	NA	NA	NA	NA	NA
HpCDDs (total)			Not Applicable	NA	NA	NA	NA	NA	NA
OCCDD			Not Applicable	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEQs)			Not Applicable	NA	NA	NA	NA	NA	NA
Inorganics									
Aluminum			75000	4930 J	4230 J	4630 J	11000		
Antimony			30	1.56 J	3.32 J	1.83 J	84.6 J		
Arsenic			0.38	18.4 J	6.54 J	4.93 J	21.7		
Barium			5200	100 J	168 J	75.0 J	149		
Beryllium			150	0.521 J	0.255 J	0.202 J	1.20 B		
Cadmium			37	0.357 J	7.14 J	ND(1.71) J	ND(1.64) J		
Calcium			Not Listed	117000 J	16700 J	11600 J	16100		
Chromium			210	10.6 J	4.23 J	9.42 J	36.2		
Cobalt			3300	12.5 J	4.49 J	3.54 J	12.5		
Copper			2800	430 J	260 J	236 J	87.5 J		
Cyanide			11	NA	NA	NA	NA		
Iron			22000	16300 J	49300 J	26400 J	66400		
Lead			400	1400 J	1060 J	206 J	203		
Magnesium			Not Listed	6260 J	1780 J	1510 J	1620		
Manganese			3100	1080 J	479 J	337 J	737		
Mercury			22	0.889 J	0.560 J	0.472 J	0.248		
Nickel			1500	76.6 J	23.4 J	12.8 J	36.9		
Potassium			Not Listed	927 J	446 J	365 J	755		
Selenium			370	2.78 J	0.812 J	1.25 J	ND(3.29) J		
Silver			370	1.57 J	ND(1.65) J	ND(1.71) J	ND(1.64) J		
Sodium			Not Listed	1100 J	663 J	665 J	589		
Sulfide			350	NA	NA	NA	NA		
Thallium			6	0.950 J	ND(1.65) J	ND(1.71) J	ND(1.64)		
Tin			45000	NA	NA	NA	NA		
Vanadium			520	20.2 J	13.7 J	8.38 J	24.9		
Zinc			22000	798 J	2030 J	154 J	1000		

TABLE E-47
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		
			19-9-24-SB-2-SES-2 19-9-24-SB-2-SES-2 9-11 03/15/07	19-9-24-SB-2W 19-9-24-SB-2W 13-15 10/18/05	19-9-24-SB-2-W 19-9-24-SB-2-W 9-11 06/08/06	19-9-24-SB-2-W 19-9-24-SB-2-W 13-15 06/08/06	
Volatile Organics							
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA	
1,1,1-Trichloroethane		680	NA	NA	NA	NA	
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA	
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA	
1,1-Dichloroethane		570	NA	NA	NA	NA	
1,1-Dichloroethane		0.052	NA	NA	NA	NA	
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA	
1,2-Dibromoethane		0.0049	NA	NA	NA	NA	
1,2-Dichloroethane		0.34	NA	NA	NA	NA	
1,2-Dichloropropane		0.34	NA	NA	NA	NA	
1,4-Dioxane		40	NA	NA	NA	NA	
2-Butanone		6900	NA	NA	NA	NA	
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA	
2-Chloroethylvinylether		0.18	NA	NA	NA	NA	
2-Hexanone		750	NA	NA	NA	NA	
3-Chloropropene		2700	NA	NA	NA	NA	
4-Methyl-2-pentanone		750	NA	NA	NA	NA	
Acetone		1400	NA	NA	NA	NA	
Acetonitrile		200	NA	NA	NA	NA	
Acrolein		0.1	NA	NA	NA	NA	
Acrylonitrile		0.19	NA	NA	NA	NA	
Benzene		0.62	NA	NA	NA	NA	
Bromodichloromethane		0.98	NA	NA	NA	NA	
Bromoform		56	NA	NA	NA	NA	
Bromomethane		3.8	NA	NA	NA	NA	
Carbon Disulfide		350	NA	NA	NA	NA	
Carbon Tetrachloride		0.23	NA	NA	NA	NA	
Chlorobenzene		54	NA	NA	NA	NA	
Chloroethane		1600	NA	NA	NA	NA	
Chloroform		0.24	NA	NA	NA	NA	
Chloromethane		1.2	NA	NA	NA	NA	
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	
Dibromochloromethane		5.3	NA	NA	NA	NA	
Dibromomethane		550	NA	NA	NA	NA	
Dichlorodifluoromethane		94	NA	NA	NA	NA	
Ethyl Methacrylate		140	NA	NA	NA	NA	
Ethylbenzene		230	NA	NA	NA	NA	
Iodomethane		1.2	NA	NA	NA	NA	
Isobutanol		10000	NA	NA	NA	NA	
Methacrylonitrile		1.8	NA	NA	NA	NA	
Methyl Methacrylate		2200	NA	NA	NA	NA	
Methylene Chloride		8.5	NA	NA	NA	NA	
Propionitrile		200	NA	NA	NA	NA	
Styrene		1700	NA	NA	NA	NA	
Tetrachloroethane		4.7	NA	NA	NA	NA	
Toluene		520	NA	NA	NA	NA	
trans-1,2-Dichloroethane		62	NA	NA	NA	NA	
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA	
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA	
Trichloroethane		2.7	NA	NA	NA	NA	
Trichlorofluoromethane		380	NA	NA	NA	NA	
Vinyl Acetate		420	NA	NA	NA	NA	
Vinyl Chloride		0.021	NA	NA	NA	NA	
Xylenes (total)		210	NA	NA	NA	NA	

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-24-SB-2-SES-2		19-9-24-SB-2W		19-9-24-SB-2-W		19-9-24-SB-2-W	
			PDI 19-9-24-SB-2-SES-2 9-11 03/15/07	NA	PDI 19-9-24-SB-2W 13-15 10/18/05	NA	PDI 19-9-24-SB-2-W 9-11 06/08/06	NA	PDI 19-9-24-SB-2-W 13-15 06/08/06	NA
Semivolatile Organics										
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		160	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA	NA	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol		270	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenylether		160	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenylether		Not Listed	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol		270	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	NA	NA	NA	NA
a,a-Dimethylphenethylamine		55	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA	NA	NA	NA	NA
Aramidite		18	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA	NA	NA	NA	NA
Benzol(a)anthracene		0.56	NA	NA	NA	NA	NA	NA	NA	NA
Benzol(a)pyrene		0.056	NA	NA	NA	NA	NA	NA	NA	NA
Benzol(b)fluoranthene		0.56	NA	NA	NA	NA	NA	NA	NA	NA
Benzol(g,h,i)perylene		55	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE E-47
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		
			19-9-24-SB-2-SES-2 19-9-24-SB-2-SES-2 9-11 03/15/07	19-9-24-SB-2W 19-9-24-SB-2W 13-15 10/18/05	19-9-24-SB-2-W 19-9-24-SB-2-W 9-11 06/08/06	19-9-24-SB-2-W 19-9-24-SB-2-W 13-15 06/08/06	
Semivolatile Organics (continued)							
Benzoc(k)fluoranthene		5.6	NA	NA	NA	NA	
Benzoic Acid		100000	NA	NA	NA	NA	
Benzyl Alcohol		16000	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA	
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA	
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA	
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA	
Butylbenzylphthalate		930	NA	NA	NA	NA	
Chrysene		56	NA	NA	NA	NA	
Diallate		7.3	NA	NA	NA	NA	
Dibenzof(a,h)anthracene		0.056	NA	NA	NA	NA	
Dibenzofuran		210	NA	NA	NA	NA	
Diethylphthalate		44000	NA	NA	NA	NA	
Dimethylphthalate		100000	NA	NA	NA	NA	
Di-n-Butylphthalate		5500	NA	NA	NA	NA	
Di-n-Octylphthalate		1100	NA	NA	NA	NA	
Dinoseb		55	NA	NA	NA	NA	
Diphenylamine		1400	NA	NA	NA	NA	
Ethyl Methacrylate		140	NA	NA	NA	NA	
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA	
Fluoranthene		2000	NA	NA	NA	NA	
Fluorene		1800	NA	NA	NA	NA	
Hexachlorobenzene		0.28	NA	NA	NA	NA	
Hexachlorobutadiene		5.7	NA	NA	NA	NA	
Hexachlorocyclopentadiene		380	NA	NA	NA	NA	
Hexachloroethane		32	NA	NA	NA	NA	
Hexachlorophene		16	NA	NA	NA	NA	
Hexachloropropene		Not Listed	NA	NA	NA	NA	
Indenol(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA	
Isodrin		Not Listed	NA	NA	NA	NA	
Isophorone		470	NA	NA	NA	NA	
Isosafrole		Not Listed	NA	NA	NA	NA	
Methapyrene		55	NA	NA	NA	NA	
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA	
Naphthalene		55	NA	NA	NA	NA	
Nitrobenzene		16	NA	NA	NA	NA	
N-Nitrosodimethylamine		0.003	NA	NA	NA	NA	
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA	
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA	
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA	
N-Nitrosodiphenylamine		91	NA	NA	NA	NA	
N-Nitrosodimethylethylamine		0.02	NA	NA	NA	NA	
N-Nitrosomorpholine		0.21	NA	NA	NA	NA	
N-Nitrosopyridine		0.21	NA	NA	NA	NA	
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA	
o,o'-Triethylphosphorothioate		11	NA	NA	NA	NA	
o-Toluidine		1.9	NA	NA	NA	NA	
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA	
Pentachlorobenzene		44	NA	NA	NA	NA	
Pentachloroethane		2.8	NA	NA	NA	NA	
Pentachloronitrobenzene		1.7	NA	NA	NA	NA	
Pentachlorophenol		2.5	NA	NA	NA	NA	
Phenacetin		640	NA	NA	NA	NA	
Phenanthrene		55	NA	NA	NA	NA	
Phenol		33000	NA	NA	NA	NA	
Pronamide		4100	NA	NA	NA	NA	
Pyrene		1500	NA	NA	NA	NA	

**TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		PDI		
			19-9-24-SB-2-SES-2 19-9-24-SB-2-SES-2 9-11 03/15/07	19-9-24-SB-2W 13-15 10/18/05	19-9-24-SB-2-W 9-11 06/08/06	19-9-24-SB-2-W 13-15 06/08/06			
Semivolatile Organics (continued)									
Pyridine		55	NA	NA	NA	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA	NA	NA	NA
Sulfotep		27	NA	NA	NA	NA	NA	NA	NA
Thiomazin		330	NA	NA	NA	NA	NA	NA	NA
Furans									
2,3,7,8-TCDF		Not Applicable	NA	0.0000081 Y	NA	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	0.00011	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	0.0000044 J	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	0.0000091 J	NA	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	0.000083	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.000013 J	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.0000069 J	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	ND(0.0000036)	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.0000058 J	NA	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	0.000082	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000019 J	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDD		Not Applicable	NA	0.0000039 J	NA	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	0.000045	NA	NA	NA	NA	NA
OCDF		Not Applicable	NA	0.000022 J	NA	NA	NA	NA	NA
Dioxins									
2,3,7,8-TCDD		Not Applicable	NA	0.00000036 J	NA	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	0.0000032 J	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000036)	NA	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	0.0000065 J	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.0000036)	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	ND(0.0000036)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	ND(0.0000036)	NA	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	0.000021 J	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.000037	NA	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	0.000073	NA	NA	NA	NA	NA
OCDD		Not Applicable	NA	0.00038	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	0.0000712	NA	NA	NA	NA	NA
Inorganics									
Aluminum		75000	8240	NA	7360 J	7560 J	NA	7560 J	NA
Antimony		30	ND(5.00) J	NA	2.09 J	1.42 J	NA	1.42 J	NA
Arsenic		0.38	7.52 B	NA	2.68 J	3.02 J	NA	3.02 J	NA
Barium		5200	486	NA	182 J	47.9 J	NA	47.9 J	NA
Beryllium		150	1.05 B	NA	0.240 J	0.340 J	NA	0.340 J	NA
Cadmium		37	ND(1.25) J	NA	1.48 J	ND(1.16) J	NA	ND(1.16) J	NA
Calcium		Not Listed	5490	NA	9780 J	7450 J	NA	7450 J	NA
Chromium		210	16.6	NA	14.5 J	9.28 J	NA	9.28 J	NA
Cobalt		3300	7.45	NA	6.24 J	5.61 J	NA	5.61 J	NA
Copper		2800	92.9 J	NA	76.1 J	75.5 J	NA	75.5 J	NA
Cyanide		11	NA	NA	NA	NA	NA	NA	NA
Iron		22000	18800	NA	28200 J	45400 J	NA	45400 J	NA
Lead		400	875	NA	575 J	102 J	NA	102 J	NA
Magnesium		Not Listed	2710	NA	2950 J	1470 J	NA	1470 J	NA
Manganese		3100	221	NA	299 J	521 J	NA	521 J	NA
Mercury		22	0.140	NA	4.73 J	0.213 J	NA	0.213 J	NA
Nickel		1500	17.1	NA	19.6 J	13.8 J	NA	13.8 J	NA
Potassium		Not Listed	799	NA	310 J	399 J	NA	399 J	NA
Selenium		370	ND(2.50) J	NA	ND(2.69) J	ND(2.27) J	NA	ND(2.27) J	NA
Silver		370	ND(1.25) J	NA	ND(1.34) J	ND(1.14) J	NA	ND(1.14) J	NA
Sodium		Not Listed	348	NA	148 J	134 J	NA	134 J	NA
Sulfide		350	NA	NA	NA	NA	NA	NA	NA
Thallium		6	ND(1.25)	NA	ND(1.34) J	ND(1.14) J	NA	ND(1.14) J	NA
Tin		45000	NA	NA	NA	NA	NA	NA	NA
Vanadium		520	17.9	NA	13.6 J	13.5 J	NA	13.5 J	NA
Zinc		22000	601	NA	197 J	62.6 J	NA	62.6 J	NA

TABLE E-47
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-24 (BANK AND NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- E - Analyte exceeded calibration range.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Estimated Value.
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-48
COMPARISON OF DETECTED APPENDIX IX-3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 18-9-24 (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Benzene	0.25	0.62	No
Carbon Disulfide	0.64	360	No
Chlorobenzene	0.91	54	No
Ethylbenzene	0.15	230	No
Tetrachloroethene	0.04	4.7	No
Toluene	0.34	520	No
Xylenes (total)	0.62	210*	No
Semivolatile Organics			
1,3-Dichlorobenzene	0.87	41	No
1,4-Dichlorobenzene	2.7	3	No
2-Methylnaphthalene	1.6	55*	No
2-Methylphenol	4.5	2,700	No
3&4-Methylphenol	1.4	270*	No
Acenaphthene	24	2,600	No
Acenaphthylene	0.95	56*	No
Aniline	140	78	Yes
Anthracene	1.4	14,000	No
Benzof(a)anthracene	1.5	0.56	Yes
Benzof(b)pyrene	1.3	0.056	Yes
Benzof(k)fluoranthene	1.5	0.56	Yes
Benzof(g,h,i)perylene	0.45	55*	No
Benzof(k)fluoranthene	1.3	5.6	No
bis(2-Ethylhexyl)phthalate	0.91	32	No
Chrysene	2.4	56	No
Dibenzof(a,h)anthracene	0.33	0.056	Yes
Dibenzofuran	0.088	210	No
Di-n-Butylphthalate	0.087	5,500	No
Fluoranthene	4.1	2,000	No
Fluorene	0.21	1,800	No
Indeno(1,2,3-cd)pyrene	0.89	0.56	Yes
Naphthalene	0.99	55	No
Phenanthrene	4	55*	No
Phenol	16	33,000	No
Pyrene	5.3	1,500	No
Inorganics			
Antimony	38.1	30	Yes
Arsenic	42	0.38	Yes
Barium	1,140	5,200	No
Beryllium	1.00	150	No
Cadmium	191	37	Yes
Chromium	760	210	Yes
Cobalt	22.0	3,300	No
Copper	4,100	2,800	Yes
Cyanide	18.0	11*	Yes
Lead	2,300	400	Yes
Mercury	23.0	22	Yes
Nickel	390	1,500	No
Selenium	5.40	370	No
Silver	100	370	No
Sulfide	11,000	350*	Yes
Thallium	18.0	6	Yes
Tin	680	45,000	No
Vanadium	48.0	520	No
Zinc	10,900	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, sulfide, or xylenes (total). The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, carbon disulfide, and m-xylene, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-49
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 0- TO 1-FOOT DEPTH INCREMENT (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-5-BB 0-0.5 01/19/95	19-9-24-SB-1 0-1 07/01/03	19-9-24-SB-2 0-1 07/01/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics							
Aniline	0.19	0.30	0.21	N/A (See Note 5)	0.23 (See Note 9)	Not Listed	(See Note 9)
Benzo(a)anthracene	0.19	0.26	0.20	N/A (See Note 5)	0.22	7	No
Benzo(a)pyrene	0.19	0.31	0.20	N/A (See Note 5)	0.23	2	No
Benzo(b)fluoranthene	0.19	0.21	0.12	N/A (See Note 5)	0.17	7	No
Dibenzo(a,h)anthracene	0.19	0.30	0.21	N/A (See Note 5)	0.23	0.7	No
Indeno(1,2,3-cd)pyrene	0.19	0.21	0.13	N/A (See Note 5)	0.18	7	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	1.20E-06	1.20E-05	2.80E-05	2.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Antimony	2.95	3.00	3.00	N/A (See Note 5)	2.98	20	No
Arsenic	2.60	6.30	6.80	N/A (See Note 5)	5.23	20	No
Cadmium	0.640	0.330	0.470	N/A (See Note 5)	0.480	2	No
Chromium	6.70	7.90	9.60	N/A (See Note 5)	8.07	30	No
Copper	22.5	39.0	34.0	N/A (See Note 5)	31.83	770*	No
Cyanide	0.27	0.460	0.220	N/A (See Note 5)	0.315	100	No
Lead	41.7	120	360	N/A (See Note 5)	174	300	No
Mercury	0.0600	0.240	0.320	N/A (See Note 5)	0.207	20	No
Sulfide	--	9.00	3.10	N/A (See Note 5)	6.05	633**	No
Thallium	0.115	0.700	0.600	N/A (See Note 5)	0.472	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984.6 as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: 19-9-26, 19-9-27, 19-9-28, and 19-9-29.* This derived soil standard is 770 ppm.
- ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Constituent not subject to analysis.
- Aniline was not detected in this depth increment.

TABLE E-50
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-24-SB-1 1-3 07/01/03	19-9-24-SB-2 3-5 07/01/03	19-9-24-SB-1 9-11 02/01/05	19-9-24-SB-2-SE 9-11 06/08/06	19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-W 9-11 06/08/06
Semi-volatile Organics						
Aniline	0.22	0.21	1.9	--	--	--
Benzo(a)anthracene	0.22	0.11	2.5	--	--	--
Benzo(e)pyrene	0.22	0.13	2.2	--	--	--
Benzo(b)fluoranthene	0.22	0.12	2.0	--	--	--
Dibenzo(a,h)anthracene	0.22	0.21	1.8	--	--	--
Indeno(1,2,3-cd)pyrene	0.22	0.21	1.9	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.10E-05	6.50E-06	2.10E-04	--	--	--
Inorganics						
Antimony	3.00	3.00	4.45	23.5	3.32	2.09
Arsenic	7.30	4.40	13.0	8.54	6.54	2.68
Cadmium	0.350	0.250	8.90	97.7	7.14	1.48
Chromium	9.70	8.30	65.5	12.2	423	14.5
Copper	100	23.0	310	36.3	260	76.1
Cyanide	0.120	0.0590	0.955	--	--	--
Lead	220	51.0	340	233	1,060	575
Mercury	0.670	0.140	1.15	0.104	0.56	4.73
Sulfide	290	63.0	1,250	--	--	--
Thallium	0.650	0.650	9.50	9.16	0.825	0.670
Sample ID: 19-9-24-SB-2-SES-1						
Sample Depth(Feet): 9-11						
Date Collected: 03/15/07						
Sample ID: 19-9-24-SB-2-SES-2						
Sample Depth(Feet): 9-11						
Date Collected: 03/15/07						
Sample ID: COMP-19-9-24-SB-2						
Sample Depth(Feet): 9-11						
Date Collected: (See Note 1)						
Sample ID: 19-9-24-SB-2						
Sample Depth(Feet): 13-15						
Date Collected: (See Note 2)						
Sample ID: 19-9-24-SB-2-SE						
Sample Depth(Feet): 13-15						
Date Collected: (See Note 3)						
Sample ID: 19-9-24-SB-2-SES						
Sample Depth(Feet): 13-15						
Date Collected: 06/08/06						
Semi-volatile Organics						
Aniline	--	--	--	140	--	--
Benzo(a)anthracene	--	--	--	1.2	--	--
Benzo(a)pyrene	--	--	--	1.3	--	--
Benzo(b)fluoranthene	--	--	--	1.5	--	--
Dibenzo(a,h)anthracene	--	--	--	0.33	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	0.89	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	--	4.90E-03	--	2.50E-06
Inorganics						
Antimony	84.6	2.44	20.1	14.0	1.56	1.83
Arsenic	21.7	7.52	10.0	42.0	18.4	4.93
Cadmium	0.973	0.788	19.5	110	0.357	0.855
Chromium	36.2	16.6	94.7	760	10.6	9.42
Copper	87.5	92.9	144	4,100	430	236
Cyanide	--	--	--	18.0	--	--
Lead	203	875	548	2,300	702	206
Mercury	0.248	0.140	1.16	23.0	0.889	0.472
Sulfide	--	--	--	11,000	--	--
Thallium	0.820	0.625	3.60	18.0	0.950	0.855

See Notes on Page 2

TABLE E-50
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

19-9-24-SB-2-W 13-15 (See Note 4)	COMP-19-9-24-SB-2 13-15 (See Note 5)	Maximum Sample Result	Arithmetic Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics					
Antiline	--	N/A (See Note 10)	36	Not Listed	Yes
Benzo(a)anthracene	--	N/A (See Note 10)	1.0	7	No
Benzo(a)pyrene	--	N/A (See Note 10)	0.96	2	No
Benzo(b)fluoranthene	--	N/A (See Note 10)	0.96	7	No
Dibenzo(a,h)anthracene	--	N/A (See Note 10)	0.64	0.7	No
Indeno(1,2,3-cd)pyrene	--	N/A (See Note 10)	0.81	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.20E-05	4.90E-03	N/A (See Note 10)	1.00E-03	Yes
Inorganics					
Antimony	1.42	N/A (See Note 10)	7.69	20	No
Arsenic	3.02	N/A (See Note 10)	9.70	20	No
Cadmium	0.580	N/A (See Note 10)	12.0	2	Yes
Chromium	9.28	N/A (See Note 10)	77.5	30	Yes
Copper	75.5	N/A (See Note 10)	369	770*	No
Cyanide	--	N/A (See Note 10)	4.78	100	No
Lead	341	N/A (See Note 10)	426	300	Yes
Mercury	0.213	N/A (See Note 10)	2.03	20	No
Sulfide	--	N/A (See Note 10)	3.160	633**	Yes
Thallium	0.570	N/A (See Note 10)	2.50	8	No

Notes:

- The inorganic results presented for this sample location represent the average results from the following samples (depth: date collected):
 19-9-24-SB-2-SE (9-11'; 6/8/06), 19-9-24-SB-2-SES (9-11'; 6/8/06), 19-9-24-SB-2-SES-1 (9-11'; 3/15/07), 19-9-24-SB-2-SES-2 (9-11'; 3/15/07), and 19-9-24-SB-1 (9-11'; 2/01/05).
- The dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results presented for this sample location were observed in sample 19-9-24-SB-2 (13-15'; 10/17/05).
 The remaining SVOCs, total TEQ concentration and inorganic results were observed in sample 19-9-24-SB-2 (13-15'; 2/01/05).
- The Total TEQs result presented for this sample location was observed in sample 19-9-24-SB-2-SE (13-15'; 10/18/05).
 The cadmium, chromium, and copper results were observed in sample 19-9-24-SB-2-SE (13-15'; 6/08/06).
 The lead result presented in sample 19-9-24-SB-2SE (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
 The Total TEQs result presented in sample 19-9-24-SB-2-W (13-15'; 10/18/05).
 The cadmium, chromium, and copper results were observed in sample 19-9-24-SB-2-W (13-15'; 6/08/06).
 The lead result presented in sample 19-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
- The Total TEQs result presented in sample 19-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
 The lead result presented in sample 19-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
- The Inorganics and Total TEQ results presented for this sample location represent the average result and maximum result, respectively, from the following samples (depth: date collected):
 19-9-24-SB-2-SE (13-15'; see note 3), 19-9-24-SB-2-W (13-15'; see note 4), 19-9-24-2-SES [Cd, Cr, Cu ONLY] (13-15'; 6/8/06) and 19-9-24-SB-2 (13-15'; 2/01/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds.
 Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.
- * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDEP (copied to EPA) regarding *Revised Evaluation of Appendix IX+3 Constituents*.
- ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-51
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-24-SB-1 1-3 07/01/03	19-9-24-SB-2 3-5 07/01/03	19-9-24-SB-1 9-11 02/01/05	19-9-24-SB-2-SE 9-11 06/08/06	19-9-24-SB-2-SES 9-11 06/08/06	19-9-24-SB-2-W 9-11 06/08/06
Semivolatile Organics						
Aroline	0.22	0.21	1.9	--	--	--
Benzof(a)anthracene	0.22	0.11	2.5	--	--	--
Benzof(a)pyrene	0.22	0.13	2.2	--	--	--
Benzof(b)fluoranthene	0.22	0.12	2.0	--	--	--
Dibenzof(a,h)anthracene	0.22	0.21	1.8	--	--	--
Indenof(1,2,3-cd)pyrene	0.22	0.21	1.9	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.10E-05	6.50E-06	2.10E-04	--	--	--
Inorganics						
Antimony	3.00	3.00	3.83	3.83	3.83	2.09
Arsenic	7.30	4.40	6.53	6.53	6.53	2.68
Cadmium	0.350	0.250	0.572	0.572	0.572	1.48
Chromium	9.70	8.30	7.18	7.18	7.18	14.5
Copper	100	23.0	9.17	9.17	9.17	76.1
Cyanide	0.120	0.0590	0.955	--	--	--
Lead	220	51.0	6.24	6.24	6.24	575
Mercury	0.670	0.140	0.0729	0.0729	0.0729	4.73
Sulfide	290	63.0	1.250	--	--	--
Thallium	0.650	0.650	0.867	0.867	0.867	0.670
Sample ID: 19-9-24-SB-2-SES-1						
Sample Depth(Feet): 9-11						
Date Collected: 03/15/07						
19-9-24-SB-2-SES-2						
9-11						
03/15/07						
COMP-19-9-24-SB-1						
9-11						
(See Note 1)						
19-9-24-SB-2						
13-15						
(See Note 2)						
19-9-24-SB-2-SE						
13-15						
(See Note 3)						
19-9-24-SB-2-SES						
13-15						
06/08/06						
Semivolatile Organics						
Aroline	--	--	--	140 (See Note 16)	--	--
Benzof(a)anthracene	--	--	--	1.2	--	--
Benzof(a)pyrene	--	--	--	1.3	--	--
Benzof(b)fluoranthene	--	--	--	1.5	--	--
Dibenzof(a,h)anthracene	--	--	--	0.33	--	--
Indenof(1,2,3-cd)pyrene	--	--	--	0.89	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	--	1.00E-06	2.50E-06	--
Inorganics						
Antimony	84.6	2.44	16.77	3.83	1.56	1.83
Arsenic	21.7	7.52	8.58	6.53	18.4	4.93
Cadmium	0.973	0.788	0.83	0.572	0.357	0.855
Chromium	36.2	16.6	14.8	7.18	10.6	9.42
Copper	87.5	92.9	47.3	9.17	430	236
Cyanide	--	--	--	18.0	--	--
Lead	203	875	279	6.24	702	206
Mercury	0.248	0.140	0.889	0.0729	0.889	0.472
Sulfide	--	--	--	11,000	--	--
Thallium	0.820	0.625	0.783	0.867	0.950	0.855

See Notes on Page 3

TABLE E-51
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

	19-9-24-SB-2-W 13-15 (See Note 4)	COMP-19-9-24-SB-2 13-15 (See Note 5)	Maximum Sample Result	Arithmetic Average Concentration (See Note 8)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 9)	Constituent Exceeds Comparison Criteria? (See Note 10)
Semivolatile Organics						
Aniline	--	--	N/A (See Note 10)	35.6 (See Note 16)	Not Listed	(See Note 16) No
Benzo(a)anthracene	--	--	N/A (See Note 10)	1.0	7	No
Benzo(a)pyrene	--	--	N/A (See Note 10)	0.96	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 10)	0.96	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 10)	0.64	0.7	No
Indenol (1,2,3-cd)pyrene	--	--	N/A (See Note 10)	0.81	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.20E-05	1.20E-05	2.10E-04	N/A (See Note 10)	1.00E-03	No
Inorganics						
Antimony	1.42	2.16	N/A (See Note 10)	6.23	20	No
Arsenic	3.02	8.22	N/A (See Note 10)	7.13	20	No
Cadmium	0.580	0.591	N/A (See Note 10)	0.504	2	No
Chromium	9.28	9.12	N/A (See Note 10)	10.5	30	No
Copper	75.5	188	N/A (See Note 10)	90	770*	No
Cyanide	--	--	N/A (See Note 10)	4.78	100	No
Lead	341	314	N/A (See Note 10)	216	300	No
Mercury	0.213	0.412	N/A (See Note 10)	0.528	20	No
Sulfide	--	--	N/A (See Note 10)	3.160	633**	(See Note 17) No
Thallium	0.570	0.809	N/A (See Note 10)	0.723	8	No

See Notes on Page 3

TABLE E-51
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-24: 1- TO X-FOOT [X=15] DEPTH INCREMENT (BANK and NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The inorganic results presented for this sample location represent the average results from the following samples (depth, date collected):
19-9-24-SB-2-SE (9-11'; 6/8/06), 19-9-24-SB-2-SES (9-11'; 6/8/06), 19-9-24-SB-2-SB-2-W (9-11'; 6/8/06), 19-9-24-SB-2-SES-1 (9-11'; 3/15/07), 19-9-24-SB-2-SES-2 (9-11'; 3/15/07), and 19-9-24-SB-1 (9-11'; 2/01/05).
2. The dibenzol(a,h)anthracene and indeno(1,2,3-cd)pyrene results presented for this sample location were observed in sample 19-9-24-SB-2 (13-15'; 10/17/05).
3. The remaining SVOCs, total TEQ concentration and inorganic results were observed in sample 19-9-24-SB-2 (13-15'; 2/01/05).
4. The Total TEQs result presented for this sample location was observed in sample 19-9-24-SB-2-SE (13-15'; 10/18/05).
5. The cadmium, chromium, and copper results were observed in sample 19-9-24-SB-2-SE (13-15'; 10/18/05).
The lead result presented in sample 19-9-24-SB-2-W (13-15'; 6/08/06).
6. The Total TEQs result presented for this sample location was observed in sample 19-9-24-SB-2-W (13-15'; 10/18/05).
7. The cadmium, chromium, and copper results were observed in sample 19-9-24-SB-2-W (13-15'; 6/08/06).
The lead result presented in sample 19-9-24-SB-2-W (13-15') is the average of those results observed from the 10/18/05 and 6/08/06 sampling events.
8. The inorganics and Total TEQ results presented for this sample location represent the average result and maximum result, respectively, from the following samples (depth, date collected):
19-9-24-SB-2-SE (13-15'; see note 3), 19-9-24-SB-2-W (13-15'; see note 4), 19-9-24-SES [Cd, Cr, Cu ONLY] (13-15'; 6/8/06) and 19-9-24-SB-2 (13-15'; 2/01/05).
9. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds.
Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
10. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
11. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
12. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs.
Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River
(SOW) or other TEQ comparison criteria utilized during previous evaluations.
13. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
14. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
15. -- = Constituent not subject to analysis.
16. * = No MCP Method 1 standard exists for copper, but an MCP Method 2 soil standard (Category S-1/GW-3) has been derived for copper using the procedure in 310 CMR 40.0984, as described in Attachment A of a letter submitted by GE on April 11, 2001 to MDER (copied to EPA) regarding Revised Evaluation of Appendix IX+3 Constituents, Revised Soil Removal Limits, and Proposed Groundwater Investigation for the following Parcels: 19-9-26, 19-9-27, 19-9-28, and 19-9-29.
17. This derived soil standard is 770 ppm.
18. ** = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
concentrations of such constituents as presented in the CD Sites Backfill Data Set.
19. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations in the September 8, 2006 Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake.
20. As discussed in the September 8, 2006 Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake:
Given that: (1) location 19-9-24-SB-2 was the only location in which aniline was detected; (2) the average existing concentration in the 1- to 15-foot depth increment (35.6 ppm) is well below the EPA PRG for aniline (78 ppm); and (3) the soil in and around location 19-9-24-SB-2 will be removed to a depth of 15 feet below ground surface to address PCBs and other constituents (namely, dioxins/furans, cadmium, chromium, copper, and lead), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.
21. As presented in GE's April 4, 2006 memo to EPA, Re: RD/RA Evaluations of Sulfide Detected in Soils, GE, MDER, and EPA have agreed to the following approach in regards to sulfide detected in soils:
In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

ARCADIS BBL

Parcel 19-9-25 (bank)

TABLE E-52
SUMMARY OF APPENDIX IX-K+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-25-SB-5	19-9-25-SB-5	19-9-25-SB-6	19-9-25-SB-6
			0-1 07/03/03	1-3 07/03/03	0-1 07/03/03	1-3 07/03/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,1-Trichloroethane		680	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,2,2-Tetrachloroethane		0.36	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1,2-Trichloroethane		0.82	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethane		570	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,1-Dichloroethene		0.052	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2,3-Trichloropropene		0.0014	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dibromo-3-chloropropene		0.32	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dibromoethane		0.0049	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dichloroethane		0.34	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,2-Dichloropropene		0.34	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
1,4-Dioxane		40	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
2-Butanone		6900	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chloro-1,3-butadiene		3.6	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
2-Chloroethylnylether		0.18	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
2-Hexanone		750	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
3-Chloropropene		2700	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
Acetone		1400	ND(0.025)	ND(0.025)	ND(0.021)	ND(0.021) [ND(0.021)]
Acetonitrile		200	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Acrolein		0.1	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Acrylonitrile		0.19	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Benzene		0.62	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromodichloromethane		0.98	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromoform		56	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Bromomethane		3.8	ND(0.0063) J	ND(0.0062) J	ND(0.0052) J	ND(0.0053) J [ND(0.0053) J]
Carbon Disulfide		350	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Carbon Tetrachloride		0.23	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chlorobenzene		54	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloroethane		1600	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloroform		0.24	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Chloromethane		1.2	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
cis-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dibromochloromethane		5.3	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dibromomethane		550	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Dichlorodifluoromethane		94	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Ethyl Methacrylate		140	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Ethylbenzene		230	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Iodomethane		1.2	ND(0.0063) J	ND(0.0062) J	ND(0.0052) J	ND(0.0053) J [ND(0.0053) J]
Isobutanol		10000	ND(0.13) J	ND(0.12) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
Methacrylonitrile		1.8	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Methyl Methacrylate		2200	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Methylene Chloride		8.5	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Propionitrile		200	ND(0.013)	ND(0.012)	ND(0.010)	ND(0.010) [ND(0.010)]
Styrene		1700	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Tetrachloroethene		4.7	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Toluene		520	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,2-Dichloroethane		62	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,3-Dichloropropene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Trichloroethene		2.7	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Trichlorofluoromethane		380	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Vinyl Acetate		420	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Vinyl Chloride		0.021	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]
Xylenes (Total)		210	ND(0.0063)	ND(0.0062)	ND(0.0052)	ND(0.0053) [ND(0.0053)]

TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-25-SB-5		19-9-25-SB-6	
			0-1 07/03/03	1-3 07/03/03	0-1 07/03/03	1-3 07/03/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2,4-Trichlorobenzene		480	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2-Dichlorobenzene		370	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,2-Diphenylhydrazine		0.56	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3,5-Trinitrobenzene		1600	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3-Dichlorobenzene		41	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,3-Dinitrobenzene		5.5	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
1,4-Dichlorobenzene		3	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
1,4-Naphthoquinone		55	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
1-Naphthylamine		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2,3,4,6-Tetrachlorophenol		1600	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4,5-Trichlorophenol		5500	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4,6-Trichlorophenol		40	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dichlorophenol		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dimethylphenol		1100	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,4-Dinitrophenol		110	ND(3.2) J	ND(2.1) J	ND(1.8) J	ND(1.8) J [ND(1.9) J]
2,4-Dinitrotoluene		110	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,6-Dichlorophenol		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2,6-Dinitrotoluene		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Acetylaminofluorene		0.56	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Chloronaphthalene		3700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Chlorophenol		59	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Methylnaphthalene		55	0.17 J	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Methylphenol		2700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
2-Naphthylamine		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Nitroaniline		3.3	ND(3.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.9)]
2-Nitrophenol		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
2-Picoline		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
3&4-Methylphenol		270	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
3,3-Dichlorobenzidine		0.99	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]
3,3-Dimethylbenzidine		0.048	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
3-Methylcholanthrene		0.056	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
3-Nitroaniline		5.5	ND(3.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.9)]
4,6-Dinitro-2-methylphenol		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Aminobiphenyl		1400	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Bromophenyl-phenylether		160	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chloro-3-Methylphenol		2700	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chloroaniline		220	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Chlorobenzilate		1.6	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Chlorophenyl-phenylether		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
4-Nitroaniline		5.5	ND(2.2)	ND(2.1)	ND(1.8)	ND(1.8) [ND(1.8)]
4-Nitrophenol		3400	ND(3.2) J	ND(2.1) J	ND(1.8) J	ND(1.8) J [ND(1.9) J]
4-Nitroquinoline-1-oxide		110	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
4-Phenylenediamine		10000	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
5-Nitro-6-toluidine		13	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
a,a'-Dimethylphenethylamine		55	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Acenaphthene		2600	0.77	ND(0.41)	ND(0.35)	0.30 J [ND(0.39)]
Acenaphthylene		55	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Acetophenone		0.49	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Aniline		78	ND(0.63)	ND(0.41)	ND(0.35)	ND(0.35) [ND(0.39)]
Anthracene		14000	0.95	ND(0.41)	ND(0.35)	0.26 J [0.15 J]
Azarnite		18	ND(0.85)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.71)]
Benzidine		0.0019	ND(1.3)	ND(0.83)	ND(0.70)	ND(0.71) [ND(0.77)]
Benzo(a)anthracene		0.56	3.0	0.32 J	ND(0.35)	0.92 J [0.43 J]
Benzo(a)pyrene		0.056	2.6	0.36 J	ND(0.35)	0.82 J [0.42 J]
Benzo(b)fluoranthene		0.56	2.5	0.34 J	ND(0.35)	0.72 J [0.40 J]
Benzo(g,h,i)perylene		55	1.8	0.31 J	ND(0.35)	0.49 [0.30 J]

TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-25-SB-5		19-9-25-SB-6		19-9-25-SB-6	
			0-1 07/03/03	1-3 07/03/03	0-1 07/03/03	1-3 07/03/03		
Semivolatile Organics (continued)								
Benzol(k)fluoranthene		5.6	2.6	0.33 J	ND(0.35)		0.78 J [0.38 J]	
Benzyl Alcohol		16000	ND(1.3)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.77)]	
bis(2-Chloroethoxy)methane		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
bis(2-Chloroethyl)ether		0.18	ND(0.63) J	ND(0.41) J	ND(0.35) J		ND(0.35) J [ND(0.39) J]	
bis(2-Chloroisopropyl)ether		2.5	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
bis(2-Ethylhexyl)phthalate		32	0.85	0.61	ND(0.34)		ND(0.35) [ND(0.35)]	
Butylbenzylphthalate		930	10	46	ND(0.35)		0.40 [0.53]	
Chrysene		56	3.7	0.41	ND(0.35)		1.1 J [0.45 J]	
Diallate		7.3	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
Dibenzof(a,h)anthracene		0.056	0.48 J	ND(0.41)	ND(0.35)		0.12 J [ND(0.39)]	
Dibenzofuran		210	0.34 J	ND(0.41)	ND(0.35)		0.13 J [ND(0.39)]	
Diethylphthalate		44000	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Dimethylphthalate		100000	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Di-n-Butylphthalate		5500	0.50 J	0.25 J	ND(0.35)		ND(0.35) [ND(0.39)]	
Di-n-Octylphthalate		1100	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Diphenylamine		1400	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Ethyl Methanesulfonate		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Fluoranthene		2000	7.9	0.64	ND(0.35)		2.3 J [0.99 J]	
Fluorene		1800	0.60 J	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Hexachlorobenzene		0.28	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Hexachlorobutadiene		5.7	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Hexachlorocyclopentadiene		380	ND(0.63) J	ND(0.41) J	ND(0.35) J		ND(0.35) J [ND(0.39) J]	
Hexachloroethane		32	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Hexachlorophene		16	ND(1.3) J	ND(0.83) J	ND(0.70) J		ND(0.71) J [ND(0.77) J]	
Hexachloropropene		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Indeno(1,2,3-cd)pyrene		0.56	1.5	ND(0.41)	ND(0.35)		0.43 J [0.25 J]	
Isophorone		470	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Isosafrole		Not Listed	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
Methacrylene		55	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
Methyl Methanesulfonate		Not Listed	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Naphthalene		55	0.19 J	ND(0.41)	ND(0.35)		0.097 J [ND(0.39) J]	
Nitrobenzene		16	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosodimethylamine		0.003	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosodimethylamine		0.0087	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitroso-di-n-butylamine		0.022	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
N-Nitroso-di-n-propylamine		0.063	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosodiphenylamine		91	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosomethylamine		0.02	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
N-Nitrosomorpholine		0.21	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosopyrrolidine		0.21	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
N-Nitrosopyrrolidine		0.21	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
o,o'-Triethylphosphorothioate		11	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
o-Toluidine		1.9	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
p-Dimethylaminoazobenzene		0.99	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
Pentachlorobenzene		44	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Pentachloroethane		2.8	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Pentachloronitrobenzene		1.7	ND(0.85) J	ND(0.83) J	ND(0.70) J		ND(0.71) J [ND(0.71) J]	
Pentachlorophenol		2.5	ND(3.2)	ND(2.1)	ND(1.8)		ND(1.8) [ND(1.9)]	
Phenacetin		640	ND(0.85)	ND(0.83)	ND(0.70)		ND(0.71) [ND(0.71)]	
Phenanthrene		55	5.2	0.32 J	ND(0.35)		1.8 J [0.67 J]	
Phenol		33000	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Protonide		4100	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Pyrene		1500	6.0	0.58 J	ND(0.35)		1.9 J [0.82 J]	
Pyridine		55	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	
Safrole		Not Listed	ND(0.63) J	ND(0.41) J	ND(0.35) J		ND(0.35) J [ND(0.39) J]	
Thioazain		330	ND(0.63)	ND(0.41)	ND(0.35)		ND(0.35) [ND(0.39)]	

TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-25-SB-5 0-1 07/03/03	19-9-25-SB-5 1-3 07/03/03	19-9-25-SB-6 0-1 07/03/03	19-9-25-SB-6 1-3 07/03/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000011)	ND(0.0000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]
TCDFs (total)		Not Applicable	0.0000086	ND(0.0000013)	ND(0.0000078)	ND(0.0000092) [ND(0.0000096)]
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000080)	ND(0.0000068)	ND(0.000011) X	ND(0.0000071)
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000085)	ND(0.0000072)	ND(0.0000058)	ND(0.0000079) [ND(0.0000076)]
PeCDFs (total)		Not Applicable	0.000012	0.000016	0.000027	ND(0.0000074) [ND(0.0000071)]
1,2,3,4,7,8-HxCDF		Not Applicable	0.000024	0.000013	0.000052	0.0000028 [0.0000056]
1,2,3,6,7,8-HxCDF		Not Applicable	0.000016	ND(0.0000099)	0.000016	0.0000099 [0.000023]
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000083)	ND(0.0000013)	ND(0.0000055)	ND(0.0000074) [ND(0.0000063)]
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000071)	ND(0.0000011)	0.0000068	ND(0.0000093) X [ND(0.0000054)]
HxCDFs (total)		Not Applicable	0.000036	0.000013	0.000013	0.0000096 [0.000016]
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000020	ND(0.000015) X	0.000018	0.000012 [0.000019]
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000014)	ND(0.0000013)	0.0000040	0.0000030 [0.0000041]
HpCDFs (total)		Not Applicable	0.000020	ND(0.0000010)	0.000031	0.000016 [0.000023]
OCDF		Not Applicable	0.000058	0.000044	0.00011	0.000068 [0.000083]
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]
TCDDs (total)		Not Applicable	ND(0.0000084) J	ND(0.0000072) J	ND(0.0000043) J	ND(0.0000057) J [ND(0.0000055) J]
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000014)	ND(0.000010)	ND(0.0000060)	ND(0.0000072)
PeCDDs (total)		Not Applicable	ND(0.0000014)	ND(0.000010)	ND(0.0000060)	ND(0.0000072)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000085)	ND(0.0000081)	ND(0.0000060)	ND(0.0000069) [ND(0.0000072)]
1,2,3,6,7,8-HxCDD		Not Applicable	0.000024	ND(0.0000074)	ND(0.0000054)	ND(0.0000056) [ND(0.0000051)]
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000034) X	ND(0.0000074)	ND(0.0000054)	0.0000023 [0.0000037]
HxCDDs (total)		Not Applicable	0.000024	ND(0.0000074)	ND(0.0000054)	0.0000019 [ND(0.0000029) X]
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000037	0.000024	0.000067	0.000026 [0.000041]
HpCDDs (total)		Not Applicable	0.000061	0.000043	0.00012	0.000043 [0.000068]
OCDD		Not Applicable	0.00021	0.00017	0.00036	0.00013 [0.00020]
Total TEQs (WHO TEFs)		Not Applicable	0.0000051	0.0000030	0.0000019	0.0000022 [0.0000030]
Inorganics						
Antimony		30	1.80 B	1.60 B	1.70 B	1.40 B [1.40 B]
Arsenic		0.38	3.60	2.60	2.30	3.10 [2.50]
Barium		5200	57.0	64.0	ND(20.0)	25.0 [30.0]
Beryllium		150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium		37	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]
Chromium		210	11.0	12.0	3.90	5.30 [4.10]
Cobalt		3300	5.30	9.60	3.40 B	4.00 B [4.00 B]
Copper		2800	22.0	20.0	8.40	14.0 [8.90]
Cyanide		11	0.120 B	0.100 B	ND(0.520)	ND(0.530) [ND(0.530)]
Lead		400	35.0 J	48.0 J	4.20 J	24.0 J [13.0 J]
Mercury		22	0.00800 B	ND(0.120)	ND(0.100)	0.00740 B [ND(0.100)]
Nickel		1500	17.0	13.0	6.60	7.40 [6.90]
Selenium		370	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Silver		370	ND(1.00)	0.140 B	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide		350	1300 J	7.90 J	2900 J	36.0 J [2900 J]
Thallium		6	ND(1.30) J	ND(1.20) J	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Tin		45000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0) [ND(10.0)]
Vanadium		520	8.00	6.40	4.40 B	5.60 [4.50 B]
Zinc		22000	99.0	95.0	26.0	44.0 [32.0]

TABLE E-52
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

- Notes:**
1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
 3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
 4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
 6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated maximum possible concentration.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-53
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-25

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2-Methylnaphthalene	0.17	55*	No
Acenaphthene	0.77	2,600	No
Anthracene	0.95	14,000	No
Benzol(a)anthracene	3	0.56	Yes
Benzol(a)pyrene	2.6	0.056	Yes
Benzol(b)fluoranthene	2.5	0.56	Yes
Benzol(g,h,i)perylene	1.8	56*	No
Benzol(k)fluoranthene	2.6	5.6	No
bis(2-Ethylhexyl)phthalate	0.85	32	No
Butylbenzylphthalate	46	930	No
Chrysene	3.7	56	No
Dibenzol(a,h)anthracene	0.43	0.056	Yes
Dibenzofuran	0.34	210	No
Di-n-Butylphthalate	0.5	5,500	No
Fluoranthene	7.9	2,000	No
Fluorene	0.6	1,800	No
Indeno(1,2,3-cd)pyrene	1.5	0.36	Yes
Naphthalene	0.19	55	No
Phenanthrene	5.2	55*	No
Pyrene	6	1,500	No
Inorganics			
Antimony	1.8	30	No
Arsenic	3.6	0.38	Yes
Barium	64	5,200	No
Chromium	12	210	No
Cobalt	9.6	3,300	No
Copper	22	2,800	No
Cyanide	0.12	1*	No
Lead	48	400	No
Mercury	0.008	22	No
Nickel	17	1,500	No
Silver	0.14	370	No
Sulfide	2,900	350*	Yes
Vanadium	8	520	No
Zinc	99	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-54
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-5 0-1 07/03/03	19-9-25-SB-6 0-1 07/03/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	3.0	0.18	N/A (See Note 5)	1.6	7	No
Benzo(a)pyrene	2.6	0.18	N/A (See Note 5)	1.4	2	No
Benzo(b)fluoranthene	2.5	0.18	N/A (See Note 5)	1.3	7	No
Dibenzo(a,h)anthracene	0.48	0.18	N/A (See Note 5)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	1.5	0.18	N/A (See Note 5)	0.84	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.10E-06	1.90E-06	5.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.60	2.30	N/A (See Note 5)	2.95	20	No
Sulfide	1,300	2,900	N/A (See Note 5)	2,100	633*	(See Note 7)

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Wave 2 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
 - As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

TABLE E-55
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth/(Feet): Date Collected:	19-9-25-SB-5 0-1 07/03/03	19-9-25-SB-6 0-1 07/03/03	19-9-25-SB-5 1-3 07/03/03	19-9-25-SB-6 1-3 07/03/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics								
Benzol(a)anthracene	3.0	0.18	0.32	0.68	N/A (See Note 5)	1.0	7	No
Benzol(a)pyrene	2.6	0.18	0.36	0.62	N/A (See Note 5)	0.94	2	No
Benzol(b)fluoranthene	2.5	0.18	0.34	0.56	N/A (See Note 5)	0.90	7	No
Dibenzol(a,h)anthracene	0.48	0.18	0.21	0.16	N/A (See Note 5)	0.26	0.7	No
Indenol(1,2,3-cd)pyrene	1.5	0.18	0.21	0.34	N/A (See Note 5)	0.56	7	No
Dioxins/Furans								
Total TEQs (WHO TEFs)	5.10E-06	1.90E-06	3.00E-06	3.00E-06	5.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics								
Arsenic	3.60	2.30	2.60	2.80	N/A (See Note 5)	2.83	20	No
Sulfide	1,300	2,900	7.90	1,470	N/A (See Note 5)	1,419	633*	(See Note 8)

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
 - As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected In Soils*, GE, MDER, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

TABLE E-56
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-5 1-3 07/03/03	19-9-25-SB-6 1-3 07/03/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.32	0.68	N/A (See Note 5)	0.50	7	No
Benzo(a)pyrene	0.36	0.62	N/A (See Note 5)	0.49	2	No
Benzo(b)fluoranthene	0.34	0.56	N/A (See Note 5)	0.45	7	No
Dibenzo(a,h)anthracene	0.21	0.16	N/A (See Note 5)	0.19	0.7	No
Indeno(1,2,3-cd)pyrene	0.21	0.34	N/A (See Note 5)	0.28	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	3.00E-06	3.00E-06	3.00E-06	N/A (See Note 5)	1.50E-03	No
Inorganics						
Arsenic	2.60	2.80	N/A (See Note 5)	2.70	20	No
Sulfide	7.90	1,470	N/A (See Note 5)	739	633*	(See Note 8)

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils, GE, MDER*, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

ARCADIS BBL

Parcel 19-9-25 (non-bank)

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-8	19-9-25-SB-8	19-9-25-SB-9
			0-1 03/11/05	1-3 03/11/05	0-1 03/11/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		6.8	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,1-Trichloroethane		1400	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1,2-Trichloroethane		1.9	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethane		2000	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,1-Dichloroethene		0.12	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2,3-Trichloropropane		0.0031	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dibromoethane		0.029	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dichloroethane		0.76	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,2-Dichloropropane		0.76	ND(0.0060)	ND(0.0056)	ND(0.0060)
1,4-Dioxane		270	ND(0.012)	ND(0.11)	ND(0.12)
2-Butanone		27000	ND(0.012)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0060)	ND(0.0056)	ND(0.0060)
2-Chloroethylvinylether		0.56	ND(0.0060)	ND(0.0056)	ND(0.0060)
2-Hexanone		2800	ND(0.012)	ND(0.011)	ND(0.012)
3-Chloropropene		52000	ND(0.0060)	ND(0.0056)	ND(0.0060)
4-Methyl-2-pentanone		2800	ND(0.012)	ND(0.011)	ND(0.012)
Acetone		6100	ND(0.024)	ND(0.024)	ND(0.024)
Acetonitrile		1300	ND(0.12)	ND(0.11)	ND(0.12)
Acrolein		0.34	ND(0.12)	ND(0.11)	ND(0.12)
Acrylonitrile		0.49	ND(0.0060)	ND(0.0056)	ND(0.0060)
Benzene		1.4	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromodichloromethane		2.3	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromoform		380	ND(0.0060)	ND(0.0056)	ND(0.0060)
Bromomethane		13	ND(0.0060)	ND(0.0056)	ND(0.0060)
Carbon Disulfide		1200	ND(0.0060)	ND(0.0056)	ND(0.0060)
Carbon Tetrachloride		0.52	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chlorobenzene		180	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloroethane		1600	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloroform		0.52	ND(0.0060)	ND(0.0056)	ND(0.0060)
Chloromethane		2.6	ND(0.0060)	ND(0.0056)	ND(0.0060)
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dibromochloromethane		36	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dibromomethane		11000	ND(0.0060)	ND(0.0056)	ND(0.0060)
Dichlorodifluoromethane		310	ND(0.0060)	ND(0.0056)	0.011
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0056)	ND(0.0060)
Ethylbenzene		230	ND(0.0060)	ND(0.0056)	ND(0.0060)
Iodomethane		2.6	ND(0.0060)	ND(0.0056)	ND(0.0060)
Isobutanol		40000	ND(0.12)	ND(0.11)	ND(0.12)
Methacrylonitrile		8.4	ND(0.0060)	ND(0.0056)	ND(0.0060)
Methyl Methacrylate		7300	ND(0.0060)	ND(0.0056)	ND(0.0060)
Methylene Chloride		20	ND(0.0060)	ND(0.0056)	0.012
Propionitrile		1300	ND(0.012)	ND(0.011)	ND(0.012)
Styrene		1700	ND(0.0060)	ND(0.0056)	ND(0.0060)
Tetrachloroethene		16	ND(0.0060)	ND(0.0056)	ND(0.0060)
Toluene		520	ND(0.0060)	ND(0.0056)	0.0082
trans-1,2-Dichloroethene		210	ND(0.0060)	ND(0.0056)	ND(0.0060)
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0056)	ND(0.0060)
Trichloroethene		6.1	ND(0.0060)	ND(0.0056)	ND(0.0060)
Trichlorofluoromethane		1300	ND(0.0060)	ND(0.0056)	ND(0.0060)
Vinyl Acetate		1400	ND(0.0060)	ND(0.0056)	ND(0.0060)
Vinyl Chloride		0.048	ND(0.0060)	ND(0.0056)	ND(0.0060)
Xylenes (total)		210	ND(0.0060)	ND(0.0056)	ND(0.0060)

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-8	19-9-25-SB-8	19-9-25-SB-9
			0-1 03/11/05	1-3 03/11/05	0-1 03/11/05
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene		320	ND(0.40)	ND(0.37)	ND(0.40)
1,2,4-Trichlorobenzene		1700	ND(0.40)	ND(0.37)	ND(0.40)
1,2-Dichlorobenzene		370	ND(0.40)	ND(0.37)	ND(0.40)
1,2-Diphenylhydrazine		3.7	ND(0.40)	ND(0.37)	ND(0.40)
1,3,5-Trinitrobenzene		32000	ND(0.40)	ND(0.37)	ND(0.40)
1,3-Dichlorobenzene		140	ND(0.40)	ND(0.37)	ND(0.40)
1,3-Dinitrobenzene		110	ND(0.80)	ND(0.75)	ND(0.80)
1,4-Dichlorobenzene		7.3	ND(0.40)	ND(0.37)	ND(0.40)
1,4-Naphthoquinone		190	ND(0.80)	ND(0.75)	ND(0.80)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2,3,4,6-Tetrachlorophenol		32000	ND(0.40)	ND(0.37)	ND(0.40)
2,4,5-Trichlorophenol		110000	ND(0.40)	ND(0.37)	ND(0.40)
2,4,6-Trichlorophenol		270	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dichlorophenol		3200	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dimethylphenol		21000	ND(0.40)	ND(0.37)	ND(0.40)
2,4-Dinitrophenol		2100	ND(2.0)	ND(1.9)	ND(2.0)
2,4-Dinitrotoluene		2100	ND(0.40)	ND(0.37)	ND(0.40)
2,6-Dichlorophenol		3200	ND(0.40)	ND(0.37)	ND(0.40)
2,6-Dinitrotoluene		1100	ND(0.40)	ND(0.37)	ND(0.40)
2-Acetylaminofluorene		3.6	ND(0.80)	ND(0.75)	ND(0.80)
2-Chloronaphthalene		24000	ND(0.40)	ND(0.37)	ND(0.40)
2-Chlorophenol		240	ND(0.40)	ND(0.37)	ND(0.40)
2-Methylnaphthalene		190	ND(0.40)	ND(0.37)	ND(0.40)
2-Methylphenol		53000	ND(0.40)	ND(0.37)	ND(0.40)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2-Nitroaniline		64	ND(2.0)	ND(1.9)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
2-Picoline		1100	ND(0.40)	ND(0.37)	ND(0.40)
3&4-Methylphenol		5300	ND(0.80)	ND(0.75)	ND(0.80)
3,3'-Dichlorobenzidine		6.7	ND(0.80)	ND(0.75)	ND(0.80)
3,3'-Dimethylbenzidine		0.33	ND(0.40)	ND(0.37)	ND(0.40)
3-Methylcholanthrene		0.36	ND(0.80)	ND(0.75)	ND(0.80)
3-Nitroaniline		110	ND(2.0)	ND(1.9)	ND(2.0)
4,6-Dinitro-2-methylphenol		1100	ND(0.40)	ND(0.37)	ND(0.40)
4-Aminobiphenyl		27000	ND(0.80)	ND(0.75)	ND(0.80)
4-Bromophenyl-phenylether		3200	ND(0.40)	ND(0.37)	ND(0.40)
4-Chloro-3-Methylphenol		53000	ND(0.40)	ND(0.37)	ND(0.40)
4-Chloroaniline		4300	ND(0.40)	ND(0.37)	ND(0.40)
4-Chlorobenzilate		11	ND(0.80)	ND(0.75)	ND(0.80)
4-Chlorophenyl-phenylether		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
4-Nitroaniline		110	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitrophenol		66000	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitroquinoline-1-oxide		2100	ND(0.80)	ND(0.75)	ND(0.80)
4-Phenylenediamine		100000	ND(0.80)	ND(0.75)	ND(0.80)
5-Nitro-o-toluidine		91	ND(0.80)	ND(0.75)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.80)	ND(0.75)	ND(0.80)
a,a'-Dimethylphenethylamine		1100	ND(0.80)	ND(0.75)	ND(0.80)
Acenaphthene		28000	0.047 J	0.14 J	0.12 J
Acenaphthylene		190	0.12 J	0.20 J	0.045 J
Acetophenone		1.6	ND(0.40)	ND(0.37)	ND(0.40)
Aniline		530	ND(0.40)	ND(0.37)	ND(0.40)
Anthracene		220000	0.18 J	0.50	0.13 J
Aramite		120	ND(0.80)	ND(0.75)	ND(0.80)
Benazidine		0.013	ND(0.80)	ND(0.75)	ND(0.80)
Benzo(a)anthracene		3.6	0.62	2.0	0.44
Benzo(a)pyrene		0.36	0.65	1.8	0.38 J
Benzo(b)fluoranthene		3.6	0.55	1.5	0.37 J

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	19-9-25-SB-9 0-1 03/11/05
Semi-volatile Organics (continued)					
Benzo(a,h)perylene		190	0.40 J	0.95	0.24 J
Benzo(k)fluoranthene		36	0.56	1.6	0.38 J
Benzyl Alcohol		100000	ND(0.80)	ND(0.75)	ND(0.80)
Bis(2-Chloroethoxy)methane		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Bis(2-Chloroethyl)ether		0.56	ND(0.40)	ND(0.37)	ND(0.40)
Bis(2-Chloroisopropyl)ether		7.4	ND(0.40)	ND(0.37)	ND(0.40)
Bis(2-Ethylhexyl)phthalate		210	ND(0.40)	ND(0.37)	0.56
Butylbenzylphthalate		930	ND(0.40)	ND(0.37)	0.80
Chrysene		360	0.65	2.0	0.46
Diallate		49	ND(0.80)	ND(0.75)	ND(0.80)
Dibenzo(a,h)anthracene		0.36	0.076 J	0.32 J	0.087 J
Dibenzofuran		3200	0.041 J	0.064 J	0.057 J
Diethylphthalate		100000	ND(0.40)	ND(0.37)	ND(0.40)
Dimethylphthalate		100000	ND(0.40)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate		110000	0.067 J	ND(0.37)	0.15 J
Di-n-Octylphthalate		10000	ND(0.40)	ND(0.37)	ND(0.40)
Diphenylamine		27000	ND(0.40)	ND(0.37)	ND(0.40)
Ethyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Fluoranthene		37000	1.2	3.6	0.91
Fluorene		22000	0.051 J	0.12 J	0.081 J
Hexachlorobenzene		1.9	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorobutadiene		38	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorocyclopentadiene		7100	ND(0.40)	ND(0.37)	ND(0.40)
Hexachloroethane		210	ND(0.40)	ND(0.37)	ND(0.40)
Hexachlorophene		320	ND(0.80)	ND(0.75)	ND(0.80)
Hexachloropropene		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Indenol(1,2,3-cd)pyrene		3.6	0.37 J	0.87	0.21 J
Isodrin		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Isophorone		3200	ND(0.40)	ND(0.37)	ND(0.40)
Isosafrole		Not Listed	ND(0.80)	ND(0.75)	ND(0.80)
Methapyrene		190	ND(0.80)	ND(0.75)	ND(0.80)
Methyl Methanesulfonate		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Naphthalene		190	0.084 J	0.053 J	ND(0.40)
Nitrobenzene		100	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodimethylamine		0.02	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodimethylamine		0.059	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitroso-di-n-butylamine		0.058	ND(0.80)	ND(0.75)	ND(0.80)
N-Nitroso-di-n-propylamine		0.43	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosodiphenylamine		610	0.086 J	ND(0.37)	ND(0.40)
N-Nitrosomethylethylamine		0.14	ND(0.80)	ND(0.75)	ND(0.80)
N-Nitrosomorpholine		1.4	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosopiperidine		1.4	ND(0.40)	ND(0.37)	ND(0.40)
N-Nitrosopyrrolidine		1.4	ND(0.80)	ND(0.75)	ND(0.80)
o,o'-Triethylphosphorothioate		210	ND(0.40)	ND(0.37)	ND(0.40)
o-Toluidine		12	ND(0.40)	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene		6.7	ND(0.80)	ND(0.75)	ND(0.80)
Pentachlorobenzene		860	ND(0.40)	ND(0.37)	ND(0.40)
Pentachloroethane		6.8	ND(0.40)	ND(0.37)	ND(0.40)
Pentachloronitrobenzene		12	ND(0.80)	ND(0.75)	ND(0.80)
Pentachlorophenol		15	ND(2.0)	ND(1.9)	ND(2.0)
Phenacetin		14000	ND(0.80)	ND(0.75)	ND(0.80)
Phenanthrene		190	0.76	2.0	0.70
Phenol		100000	ND(0.40)	ND(0.37)	ND(0.40)
Pyrone		80000	ND(0.40)	ND(0.37)	ND(0.40)
Pyrene		26000	1.2	3.8	0.83
Pyridine		1100	ND(0.40)	ND(0.37)	ND(0.40)
Safrole		Not Listed	ND(0.40)	ND(0.37)	ND(0.40)
Thionazin		6400	ND(0.40)	ND(0.37)	ND(0.40)

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	19-9-25-SB-9 0-1 03/11/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.000021 Y	0.000017 Y	0.000010 Y
TCDFs (total)		Not Applicable	0.00011	0.00015	0.000075
1,2,3,7,8-PeCDF		Not Applicable	0.000015	0.000010	0.0000039 J
2,3,4,7,8-PeCDF		Not Applicable	0.0000072	0.000014	0.0000051 J
PeCDFs (total)		Not Applicable	0.000089	0.00012	0.000057
1,2,3,4,7,8-HxCDF		Not Applicable	0.000010	0.000023	0.0000060
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000066	0.000013	0.0000049 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000025)	ND(0.00000033)	ND(0.00000048)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000063	0.000012	0.0000050 J
HxCDFs (total)		Not Applicable	0.00012	0.00018	0.000096
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000018	0.000055	0.000013
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000026)	0.0000045 J	ND(0.0000018)
HPCDFs (total)		Not Applicable	0.000040	0.000084	0.000029
OCDF		Not Applicable	0.000011 J	0.000023	0.000010 J
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00000023)	ND(0.00000030)	ND(0.00000029)
TCDDs (total)		Not Applicable	0.0000015	0.0000053	0.0000067
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000053)	ND(0.0000011)	ND(0.00000056)
PeCDDs (total)		Not Applicable	ND(0.0000012)	ND(0.0000024)	ND(0.0000020)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000047)	ND(0.00000093)	ND(0.00000063)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000013)	ND(0.0000015)	ND(0.00000087)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000013)	ND(0.0000022)	ND(0.00000086)
HxCDDs (total)		Not Applicable	0.0000047	0.000011	0.0000030
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000011	0.0000069	0.000011
HPCDDs (total)		Not Applicable	0.000021	0.000015	0.000021
OCDD		Not Applicable	0.000059	0.000020	0.000078
Total TEQs (WHO TEFs)		Not Applicable	0.0000096	0.000016	0.0000062
Inorganics					
Antimony		750	1.20 B	0.950 B	ND(6.00)
Arsenic		3	7.50	7.60	3.10
Barium		100000	48.0	42.0	32.0
Beryllium		3400	0.310 B	0.200 B	0.250 B
Cadmium		930	0.590	0.330 B	0.210 B
Chromium		450	12.0	8.30	11.0
Cobalt		29000	11.0	8.20	6.10
Copper		70000	93.0	160	18.0
Cyanide		35	0.110 B	0.120 B	ND(0.240)
Lead		1000	100	64.0	34.0
Mercury		560	0.260	0.0990 B	0.0780 B
Nickel		37000	18.0	14.0	16.0
Selenium		9400	ND(1.00)	ND(1.00)	ND(1.00)
Silver		9400	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		1200	17.0	18.0	ND(6.00)
Thallium		150	5.20	4.00	2.50
Tin		100000	13.0	9.60 B	5.70 B
Vanadium		13000	12.0	8.00	9.00
Zinc		100000	170	150	100

TABLE E-57
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-9	
			3-6 03/11/05	4-6 03/11/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		6.8	NA	ND(0.0058) [ND(0.0059)]
1,1,1-Trichloroethane		1400	NA	ND(0.0058) [ND(0.0059)]
1,1,2,2-Tetrachloroethane		0.87	NA	ND(0.0058) [ND(0.0059)]
1,1,2-Trichloroethane		1.9	NA	ND(0.0058) [ND(0.0059)]
1,1-Dichloroethane		2000	NA	ND(0.0058) [ND(0.0059)]
1,1-Dichloroethane		0.12	NA	ND(0.0058) [ND(0.0059)]
1,2,3-Trichloropropane		0.0031	NA	ND(0.0058) [ND(0.0059)]
1,2-Dibromo-3-chloropropane		2.1	NA	ND(0.0058) [ND(0.0059)]
1,2-Dichloroethane		0.029	NA	ND(0.0058) [ND(0.0059)]
1,2-Dichloroethane		0.76	NA	ND(0.0058) [ND(0.0059)]
1,2-Dichloropropane		0.76	NA	ND(0.0058) [ND(0.0059)]
1,4-Dioxane		270	NA	ND(0.012) [ND(0.12)]
2-Butanone		27000	NA	ND(0.012) [ND(0.12)]
2-Chloro-1,3-butadiene		12	NA	ND(0.0058) [ND(0.0059)]
2-Chloroethylvinylether		0.56	NA	ND(0.0058) [ND(0.0059)]
2-Hexanone		2600	NA	ND(0.012) [ND(0.12)]
3-Chloropropane		52000	NA	ND(0.0058) [ND(0.0059)]
4-Methyl-2-pentanone		2800	NA	ND(0.012) [ND(0.12)]
Acetone		6100	NA	ND(0.023) [ND(0.024)]
Acetonitrile		1300	NA	ND(0.12) [ND(0.12)]
Acrolein		0.34	NA	ND(0.12) [ND(0.12)]
Acrylonitrile		0.49	NA	ND(0.0058) [ND(0.0059)]
Benzene		1.4	NA	ND(0.0058) [ND(0.0059)]
Bromodichloromethane		2.3	NA	ND(0.0058) [ND(0.0059)]
Bromoform		380	NA	ND(0.0058) [ND(0.0059)]
Bromomethane		13	NA	ND(0.0058) [ND(0.0059)]
Carbon Disulfide		1200	NA	0.0065 [ND(0.0059)]
Carbon Tetrachloride		0.52	NA	ND(0.0058) [ND(0.0059)]
Chlorobenzene		180	NA	ND(0.0058) [ND(0.0059)]
Chloroethane		1600	NA	ND(0.0058) [ND(0.0059)]
Chloroform		0.52	NA	ND(0.0058) [ND(0.0059)]
Chloromethane		2.6	NA	ND(0.0058) [ND(0.0059)]
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
Dibromochloromethane		36	NA	ND(0.0058) [ND(0.0059)]
Dibromomethane		11000	NA	ND(0.0058) [ND(0.0059)]
Dichlorodifluoromethane		310	NA	ND(0.0058) [ND(0.0059)]
Ethyl Methacrylate		140	NA	ND(0.0058) [ND(0.0059)]
Ethylbenzene		230	NA	ND(0.0058) [ND(0.0059)]
Iodomethane		2.6	NA	ND(0.0058) [ND(0.0059)]
Isobutanol		40000	NA	ND(0.12) [ND(0.12)]
Methacrylonitrile		8.4	NA	ND(0.0058) [ND(0.0059)]
Methyl Methacrylate		7300	NA	ND(0.0058) [ND(0.0059)]
Methylene Chloride		20	NA	ND(0.0058) [ND(0.0059)]
Propionitrile		1300	NA	ND(0.012) [ND(0.12)]
Styrene		1700	NA	ND(0.0058) [ND(0.0059)]
Tetrachloroethane		16	NA	ND(0.0058) [ND(0.0059)]
Toluene		520	NA	ND(0.0058) [ND(0.0059)]
trans-1,2-Dichloroethene		210	NA	ND(0.0058) [ND(0.0059)]
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0058) [ND(0.0059)]
Trichloroethene		6.1	NA	ND(0.0058) [ND(0.0059)]
Trichlorofluoromethane		1300	NA	ND(0.0058) [ND(0.0059)]
Vinyl Acetate		1400	NA	ND(0.0058) [ND(0.0059)]
Vinyl Chloride		0.048	NA	ND(0.0058) [ND(0.0059)]
Xylenes (total)		210	NA	ND(0.0058) [ND(0.0059)]

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-9	
			3-6 03/11/05	4-6 03/11/05
Semi-volatile Organics				
1,2,4,5-Tetrachlorobenzene		320	ND(4.2) [ND(0.40)]	NA
1,2,4-Trichlorobenzene		1700	ND(4.2) [ND(0.40)]	NA
1,2-Dichlorobenzene		370	ND(4.2) [ND(0.40)]	NA
1,2-Diphenylhydrazine		3.7	ND(4.2) [ND(0.40)]	NA
1,3,5-Trinitrobenzene		32000	ND(4.2) [ND(0.40)]	NA
1,3-Dichlorobenzene		140	ND(4.2) [ND(0.40)]	NA
1,3-Dinitrobenzene		110	ND(4.2) [ND(0.80)]	NA
1,4-Dichlorobenzene		7.3	ND(4.2) [ND(0.40)]	NA
1,4-Naphthoquinone		190	ND(4.2) [ND(0.80)]	NA
1-Naphthylamine		Not Listed	ND(4.2) [ND(0.80)]	NA
2,3,4,6-Tetrachlorophenol		32000	ND(4.2) [ND(0.40)]	NA
2,4,5-Trichlorophenol		110000	ND(4.2) [ND(0.40)]	NA
2,4,6-Trichlorophenol		270	ND(4.2) [ND(0.40)]	NA
2,4-Dichlorophenol		3200	ND(4.2) [ND(0.40)]	NA
2,4-Dimethylphenol		21000	ND(4.2) [ND(0.40)]	NA
2,4-Dinitrophenol		2100	ND(2.1) [ND(2.0)]	NA
2,4-Dinitrotoluene		2100	ND(4.2) [ND(0.40)]	NA
2,6-Dichlorophenol		3200	ND(4.2) [ND(0.40)]	NA
2,6-Dinitrotoluene		1100	ND(4.2) [ND(0.40)]	NA
2-Acetylaminofluorene		3.6	ND(4.2) [ND(0.80)]	NA
2-Chloronaphthalene		24000	ND(4.2) [ND(0.40)]	NA
2-Chlorophenol		240	ND(4.2) [ND(0.40)]	NA
2-Methylnaphthalene		190	ND(4.2) [0.35 J]	NA
2-Methylphenol		53000	ND(4.2) [ND(0.40)]	NA
2-Naphthylamine		Not Listed	ND(4.2) [ND(0.80)]	NA
2-Nitroaniline		64	ND(2.1) [ND(2.0)]	NA
2-Nitrophenol		Not Listed	ND(4.2) [ND(0.80)]	NA
2-Picoline		1100	ND(4.2) [ND(0.40)]	NA
3&4-Methylphenol		5300	ND(4.2) [ND(0.80)]	NA
3,3-Dichlorobenzidine		6.7	ND(8.5) [ND(0.80)]	NA
3,3-Dimethylbenzidine		0.33	ND(4.2) [ND(0.40)]	NA
3-Methylcholanthrene		0.36	ND(4.2) [ND(0.80)]	NA
3-Nitroaniline		110	ND(2.1) [ND(2.0)]	NA
4,6-Dinitro-2-methylphenol		1100	ND(4.2) [ND(0.40)]	NA
4-Aminobiphenyl		27000	ND(4.2) [ND(0.80)]	NA
4-Bromophenyl-phenylether		3200	ND(4.2) [ND(0.40)]	NA
4-Chloro-3-Methylphenol		53000	ND(4.2) [ND(0.40)]	NA
4-Chloroaniline		4300	ND(4.2) [ND(0.40)]	NA
4-Chlorobenzilate		11	ND(4.2) [ND(0.80)]	NA
4-Chlorophenyl-phenylether		Not Listed	ND(4.2) [ND(0.40)]	NA
4-Nitroaniline		110	ND(4.2) [ND(2.0)]	NA
4-Nitrophenol		66000	ND(2.1) [ND(2.0)]	NA
4-Nitroquinoline-1-oxide		2100	ND(4.2) [ND(0.80)]	NA
4-Phenyleneclamine		100000	ND(4.2) [ND(0.80)]	NA
5-Nitro-6-toluidine		91	ND(4.2) [ND(0.80)]	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(4.2) [ND(0.80)]	NA
a,a'-Dimethylphenethylamine		1100	ND(4.2) [ND(0.80)]	NA
Acenaphthene		28000	ND(4.2) [1.0]	NA
Acenaphthylene		190	ND(4.2) [0.30 J]	NA
Acetophenone		1.6	ND(4.2) [ND(0.40)]	NA
Aniline		530	ND(4.2) [ND(0.40)]	NA
Anthracene		220000	ND(4.2) [2.4]	NA
Aramid		120	ND(4.2) [ND(0.80)]	NA
Benzidine		0.013	ND(8.5) [ND(0.80)]	NA
Benzo(a)anthracene		3.6	1.4 J [4.3]	NA
Benzo(a)pyrene		0.36	1.7 J [3.5]	NA
Benzo(b)fluoranthene		3.6	1.1 J [2.6]	NA

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-9	19-9-25-SB-9
			3-6 03/11/05	4-6 03/11/05
Semivolatile Organics (continued)				
Benzof(g,h,i)perylene		190	0.97 J [1.9]	NA
Benzof(k)fluoranthene		36	1.6 J [3.1]	NA
Benzyl Alcohol		100000	ND(8.5) [ND(0.80)]	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(4.2) [ND(0.40)]	NA
bis(2-Chloroethyl)ether		0.56	ND(4.2) [ND(0.40)]	NA
bis(2-Chloroisopropyl)ether		7.4	ND(4.2) [ND(0.40)]	NA
bis(2-Ethylhexyl)phthalate		210	ND(2.1) [ND(0.40)]	NA
Butylbenzylphthalate		930	ND(4.2) [ND(0.40)]	NA
Chrysene		360	1.5 J [4.1]	NA
Diallate		49	ND(4.2) [ND(0.80)]	NA
Dibenzof(a,h)anthracene		0.36	ND(4.2) [0.40 J]	NA
Dibenzofuran		3200	ND(4.2) [0.70]	NA
Diethylphthalate		100000	ND(4.2) [ND(0.40)]	NA
Dimethylphthalate		100000	ND(4.2) [ND(0.40)]	NA
Di-n-Butylphthalate		110000	ND(4.2) [ND(0.40)]	NA
Di-n-Octylphthalate		10000	ND(4.2) [ND(0.40)]	NA
Diphenylamine		27000	ND(4.2) [ND(0.40)]	NA
Ethyl Methanesulfonate		Not Listed	ND(4.2) [ND(0.40)]	NA
Fluoranthene		37000	2.2 J [8.5]	NA
Fluorene		22000	ND(4.2) [1.2]	NA
Hexachlorobenzene		1.9	ND(4.2) [ND(0.40)]	NA
Hexachlorobutadiene		38	ND(4.2) [ND(0.40)]	NA
Hexachlorocyclopentadiene		7100	ND(4.2) [ND(0.40)]	NA
Hexachloroethane		210	ND(4.2) [ND(0.40)]	NA
Hexachlorophene		320	ND(8.5) [ND(0.80)]	NA
Hexachloropropene		Not Listed	ND(4.2) [ND(0.40)]	NA
Indeno(1,2,3-cd)pyrene		3.6	0.53 J [1.6]	NA
Isophorone		Not Listed	ND(4.2) [ND(0.40)]	NA
Isosafrole		3200	ND(4.2) [ND(0.40)]	NA
Methacrylene		Not Listed	ND(4.2) [ND(0.80)]	NA
Methyl Methanesulfonate		190	ND(4.2) [ND(0.80)]	NA
Naphthalene		190	ND(4.2) [0.66]	NA
Nitrobenzene		100	ND(4.2) [ND(0.40)]	NA
N-Nitrosodimethylamine		0.02	ND(4.2) [ND(0.40)]	NA
N-Nitrosodimethylamine		0.059	ND(4.2) [ND(0.40)]	NA
N-Nitroso-di-n-butylamine		0.058	ND(4.2) [ND(0.80)]	NA
N-Nitroso-di-n-propylamine		0.43	ND(4.2) [ND(0.40)]	NA
N-Nitrosodiphenylamine		610	ND(4.2) [ND(0.40)]	NA
N-Nitrosomethylamine		0.14	ND(4.2) [ND(0.80)]	NA
N-Nitrosomorpholine		1.4	ND(4.2) [ND(0.40)]	NA
N-Nitrosopyrrolidine		1.4	ND(4.2) [ND(0.40)]	NA
o,o'-Triethylphosphorothioate		1.4	ND(4.2) [ND(0.80)]	NA
o,o'-Tolidine		210	ND(4.2) [ND(0.40)]	NA
p-Dimethylaminoazobenzene		12	ND(4.2) [ND(0.80)]	NA
Pentachlorobenzene		6.7	ND(4.2) [ND(0.80)]	NA
Pentachlorobenzene		860	ND(4.2) [ND(0.40)]	NA
Pentachloroethane		6.8	ND(4.2) [ND(0.40)]	NA
Pentachloronitrobenzene		12	ND(4.2) [ND(0.80)]	NA
Pentachlorophenol		15	ND(2.1) [ND(2.0)]	NA
Phenacetin		14000	ND(4.2) [ND(0.80)]	NA
Phenanthrene		190	1.0 J [8.9]	NA
Phenol		100000	ND(4.2) [ND(0.40)]	NA
Promethide		80000	ND(4.2) [ND(0.40)]	NA
Pyrene		26000	2.6 J [7.7]	NA
Pyridine		1100	ND(4.2) [ND(0.40)]	NA
Safrole		Not Listed	ND(4.2) [ND(0.40)]	NA
Thionazin		6400	ND(4.2) [ND(0.40)]	NA

**TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-25-SB-9 3-6 03/11/05	19-9-25-SB-9 4-6 03/11/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.000013 Y [0.000047 Y]	NA
TCDFs (total)		Not Applicable	0.00012 [0.00034]	NA
1,2,3,7,8-PeCDF		Not Applicable	0.000068 [0.00019]	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000097 [0.00029]	NA
PeCDFs (total)		Not Applicable	0.00012 [0.00021]	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.000016 I [0.000043 I]	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.000011 I [0.000024]	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND[0.00000044] [ND[0.00000095]]	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000079 [0.000019]	NA
HxCDFs (total)		Not Applicable	0.00014 [0.00036]	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000032 [0.000068]	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000045 J [0.000011]	NA
HpCDFs (total)		Not Applicable	0.000056 [0.00014]	NA
OCDF		Not Applicable	0.000020 [0.000045]	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND[0.00000035] [ND[0.00000054]]	NA
TCDDs (total)		Not Applicable	0.0000031 [0.0000090]	NA
1,2,3,7,8-PeCDD		Not Applicable	ND[0.00000090] [ND[0.0000022]]	NA
PeCDDs (total)		Not Applicable	ND[0.000016] [ND[0.0000031]]	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND[0.00000067] [ND[0.0000010]]	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND[0.000010] [ND[0.0000022]]	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND[0.0000013] [ND[0.0000020]]	NA
HxCDDs (total)		Not Applicable	0.0000039 [0.000023]	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000053 J [0.000011]	NA
HpCDDs (total)		Not Applicable	0.000010 [0.000024]	NA
OCDD		Not Applicable	0.000015 [0.000031]	NA
Total TEQs (WHO TEQs)		Not Applicable	0.000011 [0.000031]	NA
Inorganics				
Antimony		750	1.40 B [1.50 B]	NA
Arsenic		3	7.70 [8.20]	NA
Barium		100000	60.0 [51.0]	NA
Beryllium		3400	0.520 [0.340 B]	NA
Cadmium		930	0.440 B [0.530]	NA
Chromium		450	11.0 [10.0]	NA
Cobalt		29000	8.60 [8.80]	NA
Copper		70000	53.0 [79.0]	NA
Cyanide		35	0.110 B [ND[0.240]]	NA
Lead		1000	130 [120]	NA
Mercury		560	0.110 B [0.160]	NA
Nickel		37000	16.0 [26.0]	NA
Selenium		9400	ND[1.00] [ND[1.00]]	NA
Silver		9400	ND[1.00] [ND[1.00]]	NA
Sulfide		1200	20.0 [21.0]	NA
Thallium		150	2.60 [3.60]	NA
Tin		100000	18.0 [13.0]	NA
Vanadium		13000	20.0 [12.0]	NA
Zinc		100000	170 [250]	NA

TABLE E-57
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-25 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE E-58
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGS
PARCEL 19-9-25 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Carbon Disulfide	0.0065	1,200	No
Dichlorodifluoromethane	0.011	310	No
Methylene Chloride	0.012	20	No
Toluene	0.0082	520	No
Semivolatile Organics			
2-Methylnaphthalene	0.35	190*	No
Acenaphthene	1	28,000	No
Acenaphthylene	0.3	190*	No
Anthracene	2.4	220,000	No
Benzol(a)anthracene	4.3	3.6	Yes
Benzol(a)pyrene	3.5	0.36	Yes
Benzol(b)fluoranthene	2.6	3.6	No
Benzol(g,h,i)perylene	1.9	190*	No
Benzol(k)fluoranthene	3.1	36	No
bis(2-Ethylhexyl)phthalate	0.56	210	No
Butylbenzylphthalate	0.8	930	No
Chrysene	4.1	360	No
Dibenzol(a,h)anthracene	0.4	0.36	Yes
Dibenzofuran	0.7	3,200	No
Di-n-Butylphthalate	0.15	110,000	No
Fluoranthene	8.5	37,000	No
Fluorene	1.2	22,000	No
Indeno(1,2,3-cd)pyrene	1.6	3.6	No
Naphthalene	0.66	190	No
N-Nitrosodiphenylamine	0.086	610	No
Phenanthrene	8.9	190*	No
Pyrene	7.7	26,000	No
Inorganics			
Antimony	1.5	750	No
Arsenic	8.2	3	Yes
Barium	60	100,000	No
Beryllium	0.52	3,400	No
Cadmium	0.59	930	No
Chromium	12	450	No
Cobalt	11	29,000	No
Copper	160	70,000	No
Cyanide	0.12	35*	No
Lead	130	1,000	No
Mercury	0.26	560	No
Nickel	26	37,000	No
Sulfide	21	1,200*	No
Thallium	5.2	150	No
Tin	18	100,000	No
Vanadium	20	13,000	No
Zinc	250	100,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 industrial soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-59
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benz(o)anthracene	0.62	0.44	N/A (See Note 5)	0.53	40	No
Benz(o)pyrene	0.65	0.38	N/A (See Note 5)	0.52	4	No
Dibenz(o,a,h)anthracene	0.076	0.087	N/A (See Note 5)	0.08	4	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-06	6.20E-06	9.60E-06	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	7.50	3.10	N/A (See Note 5)	5.30	20	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-60
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics							
Benz(a)anthracene	0.62	0.44	2.0	N/A (See Note 5)	1.0	40	No
Benz(a)pyrene	0.65	0.38	1.8	N/A (See Note 5)	0.94	4	No
Dibenz(a,h)anthracene	0.076	0.087	0.32	N/A (See Note 5)	0.16	4	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	9.60E-06	6.20E-06	1.60E-05	1.60E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	7.50	3.10	7.60	N/A (See Note 5)	6.07	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-61
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-9-25: 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 1-3 03/11/05	19-9-25-SB-9 3-6 03/11/05	Arithmetic Average Concentration	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 2)	Constituent Exceeds Comparison Criteria? (See Note 3)
Semi-volatile Organics					
Benzo(a)anthracene	2.0	2.9	2.5	300	No
Benzo(a)pyrene	1.8	2.6	2.2	30	No
Dibenzo(a,h)anthracene	0.32	1.3	0.81	30	No
Inorganics					
Arsenic	7.60	7.95	7.78	20	No

Notes:

1. Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
2. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
3. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.

TABLE E-62
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-25: 0- TO 6-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-25-SB-8 0-1 03/11/05	19-9-25-SB-9 0-1 03/11/05	19-9-25-SB-8 1-3 03/11/05	19-9-25-SB-9 3-6 03/11/05
Semivolatile Organics				
Benzo(a)anthracene	0.62	0.44	2.0	2.9
Benzof(a)pyrene	0.65	0.38	1.8	2.6
Dibenzof(a,h)anthracene	0.076	0.087	0.32	1.3
Dioxins/Furans	(See Note 6)			
Total TEQs (WHO TEFs)	(See Note 6)			
Inorganics	(See Note 6)			
Arsenic	7.50	3.10	7.60	7.95
Semivolatile Organics				
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Benzo(a)anthracene	N/A (See Note 5)	1.5	300	NO
Benzof(a)pyrene	N/A (See Note 5)	1.4	30	NO
Dibenzof(a,h)anthracene	N/A (See Note 5)	0.45	30	NO
Dioxins/Furans	(See Note 6)			
Total TEQs (WHO TEFs)	3.10E-05	N/A (See Note 5)	2.00E-02	NO
Inorganics	(See Note 6)			
Arsenic	N/A (See Note 5)	6.54	20	NO

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs evaluated for the 1- to 6-foot depth increment only.
- Total TEQ concentrations in Italics represent the maximum value for the sample location/depth increment in question.

Parcel 19-9-30 (bank)

TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/Feet: Date Collected:	EPA Region 9 Residential PRGs	19-9-30-SB-5	19-9-30-SB-5	19-9-30-SB-6	19-9-30-SB-6
			0-1 07/07/03	1-3 07/07/03	0-1 07/07/03	1-3 07/07/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,1-Dichloroethane		0.052	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dibromoethane		0.0049	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
1,4-Dioxane		40	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		6900	ND(0.10)	ND(0.011)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
2-Hexanone		750	ND(0.10)	ND(0.011) J	ND(0.012)	ND(0.012)
3-Chloropropene		2700	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
4-Methyl-2-pentanone		750	ND(0.10)	ND(0.011)	ND(0.012)	ND(0.012)
Acetone		1400	0.019 J	0.015 J	0.013 J	ND(0.024)
Acetonitrile		200	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrolein		0.1	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059) J
Benzene		0.62	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Bromoforn		56	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059) J
Bromomethane		3.8	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Carbon Disulfide		350	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chlorobenzene		54	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Chloroethane		1600	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chloroform		0.24	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Chloromethane		1.2	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Dibromomethane		550	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Ethylbenzene		230	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Iodomethane		1.2	ND(0.0052) J	ND(0.0057) J	ND(0.0061) J	ND(0.0059) J
Isobutanol		10000	ND(0.10) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Methyl Methacrylate		2200	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Propionitrile		200	ND(0.010)	ND(0.011)	ND(0.012)	ND(0.012)
Styrene		1700	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Tetrachloroethene		4.7	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Toluene		520	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)
Trichloroethene		2.7	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059) J
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Vinyl Acetate		420	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0057)	ND(0.0061)	ND(0.0059)
Xylenes (total)		210	ND(0.0052)	ND(0.0057) J	ND(0.0061)	ND(0.0059)

TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)

CONCEPTUAL RD/PRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-30-SB-5	19-9-30-SB-5	19-9-30-SB-5	19-9-30-SB-5
			0-1 07/07/03	1-3 07/07/03	0-1 07/07/03	1-3 07/07/03
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3,5-Trinitrobenzene		1600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,3-Dinitrobenzene		5.5	ND(0.70) J	ND(0.76) J	ND(0.81)	ND(0.79) J
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2,3,4,6-Tetrachlorophenol		1600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4,5-Trichlorophenol		5500	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dimethylphenol		1100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J	ND(3.8) J	ND(2.0) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Chloronaphthalene		3700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Chlorophenol		59	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Methylnaphthalene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Methylphenol		2700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
2-Picoline		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
3&4-Methylphenol		270	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
3,3-Dichlorobenzidine		0.99	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)
3,3-Dimethylbenzidine		0.048	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Aminobiphenyl		1400	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chloro-3-Methylphenol		2700	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chloroaniline		220	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
4-Nitrophenol		3400	ND(1.8) J	ND(1.9) J	ND(3.8) J	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
4-Phenylenediamine		10000	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
a,a-Dimethylphenethylamine		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Acenaphthene		2600	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Acenaphthylene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Acetophenone		0.49	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Aniline		78	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Anthracene		14000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Aramite		18	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Benzidine		0.0019	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)
Benzol(a)anthracene		0.56	ND(0.35)	ND(0.38)	0.24 J	ND(0.39)
Benzol(b)fluoranthene		0.56	ND(0.35)	ND(0.38)	0.25 J	ND(0.39)
Benzol(g,h,i)perylene		55	ND(0.35)	ND(0.38)	0.26 J	ND(0.39)
Benzol(k)fluoranthene		5.6	ND(0.35)	ND(0.38)	0.22 J	ND(0.39)
Benzyl Alcohol		16000	ND(0.70)	ND(0.76)	ND(1.5)	ND(0.79)

TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-30-SB-5	19-9-30-SB-5	19-9-30-SB-5	19-9-30-SB-6
			0-1 07/07/03	1-3 07/07/03	0-1 07/07/03	1-3 07/07/03
Semi-volatile Organics (Continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.35) J	ND(0.38) J	ND(0.76)	ND(0.39) J
bis(2-Ethylhexyl)phthalate		32	ND(0.35)	ND(0.37)	ND(0.40)	ND(0.39)
Butylbenzylphthalate		930	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Chrysene		56	ND(0.35)	0.096 J	0.23 J	0.11 J
Diallate		7.3	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Dibenzof(a,h)anthracene		0.056	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Dibenzofuran		210	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Diethylphthalate		44000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Dimethylphthalate		100000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Di-n-Butylphthalate		5500	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Di-n-Octylphthalate		1100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Diphenylamine		1400	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Fluoranthene		2000	ND(0.35)	0.17 J	0.37 J	0.22 J
Fluorene		1800	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
Hexachloroethane		32	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Hexachlorophene		16	ND(0.70) J	ND(0.75) J	ND(0.79) J	ND(0.79) J
Hexachloropropene		Not Listed	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
Indeno(1,2,3-cd)pyrene		0.56	ND(0.35)	ND(0.38)	0.18 J	ND(0.39)
Isodrin		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Isophorone		470	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Isosafrole		Not Listed	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Methacrylene		55	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Naphthalene		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Nitrobenzene		16	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodimethylamine		0.003	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosomethylamine		0.02	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
N-Nitrosopyrrolidine		0.21	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
o,o'-Triethylphosphorothioate		11	ND(0.35) J	ND(0.38) J	ND(0.76) J	ND(0.39) J
o-Toluidine		1.9	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
p-Dimethylaminoozobenzene		0.99	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Pentachlorobenzene		44	ND(0.35)	ND(0.38)	ND(0.76) J	ND(0.39)
Pentachlorobiphenyl		2.8	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Pentachloronitrobenzene		1.7	ND(0.70) J	ND(0.76) J	ND(0.79) J	ND(0.79) J
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)	ND(3.8)	ND(2.0)
Phenacetin		640	ND(0.70)	ND(0.76)	ND(0.81)	ND(0.79)
Phenanthrene		55	ND(0.35)	0.11 J	ND(0.76)	0.11 J
Phenol		33000	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Proramide		4100	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Pyrene		1500	ND(0.35)	0.13 J	0.42 J	0.23 J
Pyridine		55	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Safrole		Not Listed	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)
Thionazin		330	ND(0.35)	ND(0.38)	ND(0.76)	ND(0.39)

TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-30-SB-5 0-1 07/07/03	19-9-30-SB-5 1-3 07/07/03	19-9-30-SB-6 0-1 07/07/03	19-9-30-SB-6 1-3 07/07/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000014) Y	0.000097 Y	0.000021 Y	0.000013 Y
TCDFs (total)		Not Applicable	0.0000032	0.00050	0.00014	0.00012
1,2,3,7,8-PeCDF		Not Applicable	ND(0.00000061)	0.000044	0.000016	0.0000082
2,3,4,7,8-PeCDF		Not Applicable	ND(0.00000065)	0.00011	0.000022	0.0000092
PeCDFs (total)		Not Applicable	0.0000069	0.00068	0.00021	0.00014
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000086	0.000171	0.000161	0.000131
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.00000088) X	0.000033	0.000011	0.0000074
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000040)	0.0000041	ND(0.00000032)	ND(0.00000071)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.00000035)	0.000035	ND(0.000012) X	ND(0.0000085) X
HxCDFs (total)		Not Applicable	0.000020	0.00050	0.00032	0.00030
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000012) X	0.00016	0.000064	0.000059
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.000014) X	0.000039	0.000014	ND(0.000012) X
HpCDFs (total)		Not Applicable	ND(0.00000041)	0.00023	0.000085	0.000065
OCDF		Not Applicable	0.000056	0.011	0.00038	0.00033
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000047) J	ND(0.00000078) J	ND(0.00000066) J	ND(0.00000062)
TCDDs (total)		Not Applicable	ND(0.00000047) J	0.0000058 J	0.0000040 J	ND(0.00000062)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000051)	ND(0.000012)	ND(0.000011)	ND(0.000012)
PeCDDs (total)		Not Applicable	ND(0.00000051)	ND(0.000012)	ND(0.000011)	ND(0.000012)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000034)	ND(0.00000099)	ND(0.00000087)	ND(0.00000080)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000031)	ND(0.00000046) X	0.0000036	0.0000035
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000031)	ND(0.00000048) X	0.0000039	0.0000038
HxCDDs (total)		Not Applicable	ND(0.00000031)	ND(0.00000090)	0.0000076	0.0000073
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000061	0.000029	0.000049	0.000052
HpCDDs (total)		Not Applicable	0.000011	0.000055	0.000091	0.000090
OCDD		Not Applicable	0.000045	0.00021	0.00046	0.00057
Total TEQs (WHO TEQs)		Not Applicable	0.0000019	0.000096	0.000035	0.000023
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		0.38	2.40	7.60	11.0	5.40
Barium		5200	33.0	63.0	110	61.0
Beryllium		150	0.200 B	0.280 B	0.210 B	0.220 B
Cadmium		37	0.110 B	0.440 B	0.920	0.930
Chromium		210	7.40	13.0	27.0	12.0
Cobalt		3300	5.70	5.10	12.0	8.20
Copper		2800	14.0	30.0	78.0	46.0
Cyanide		11	0.130	0.290	0.300	0.160
Lead		400	13.0	100	190	150
Mercury		22	0.200	0.130	0.130	0.170
Nickel		1500	10.0	11.0	23.0	18.0
Selenium		370	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		350	310	9.10	ND(6.10)	28.0
Thallium		6	ND(1.00)	ND(1.10)	ND(1.20)	ND(1.20)
Tin		45000	ND(10.0)	ND(10.0)	30.0	ND(10.0)
Vanadium		520	8.00	12.0	12.0	11.0
Zinc		22000	35.0	99.0	2300	390

TABLE E-63
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-64
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-30

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics	0.019	1,400	No
Semivolatile Organics			
Benzol(a)anthracene	0.21	0.56	No
Benzol(a)pyrene	0.24	0.056	Yes
Benzol(b)fluoranthene	0.25	0.56	No
Benzol(g,h,i)perylene	0.26	55*	No
Benzol(k)fluoranthene	0.22	5.6	No
Chrysene	0.23	56	No
Fluoranthene	0.37	2,000	No
Indenol(1,2,3-cd)pyrene	0.18	0.56	No
Phenanthrene	0.11	55*	No
Pyrene	0.42	1,500	No
Inorganics			
Arsenic	11	0.38	Yes
Barium	110	5,200	No
Beryllium	0.28	150	No
Cadmium	0.93	37	No
Chromium	27	210	No
Cobalt	12	3,300	No
Copper	78	2,800	No
Cyanide	0.3	11*	No
Lead	190	400	No
Mercury	0.2	22	No
Nickel	23	1,500	No
Sulfide	310	350*	No
Tin	30	45,000	No
Vanadium	12	520	No
Zinc	2,300	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-65
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-30: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-30-SB-5 0-1 07/07/03	19-9-30-SB-6 0-1 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics	0.18	0.24	N/A (See Note 5)	0.21	2	No
Benzo(e)pyrene						
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.90E-06	3.50E-05	3.50E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	2.40	11.0	N/A (See Note 5)	6.70	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-66
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-30: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth/(Feet): Date Collected:	19-9-30-SB-5 1-3 07/07/03	19-9-30-SB-6 1-3 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics						
Benz(a)pyrene	0.19	0.20	N/A (See Note 5)	0.20	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	9.60E-05	2.30E-05	9.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	7.60	5.40	N/A (See Note 5)	6.50	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

Parcel 19-9-30 (non-bank)

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-30-SB-8		19-9-30-SB-12		19-9-30-SB-12		
			0-1 03/11/05	1-3 03/11/05	0-1 03/11/05	3-6 03/11/05	4-6 03/11/05		
Volatile Organics									
1,1,1,2-Tetrachloroethane		6.8	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,1,1-Trichloroethane		1400	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,1,2,2-Tetrachloroethane		0.87	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,1,2-Trichloroethane		1.9	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,1-Dichloroethane		2000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,1-Dichloroethene		0.12	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,2,3-Trichloropropane		0.0031	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,2-Dibromo-3-chloropropane		2.1	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,2-Dibromoethane		0.029	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,2-Dichloroethane		0.76	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,2-Dichloropropane		0.76	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
1,4-Dioxane		270	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)		
2-Butanone		27000	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)		
2-Chloro-1,3-butadiene		12	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
2-Chloroethylvinylether		0.56	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
2-Hexanone		2800	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)		
3-Chloropropene		52000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
4-Methyl-2-pentanone		2800	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)		
Acetone		6100	ND(0.022)	ND(0.024)	ND(0.023)	NA	ND(0.027)		
Acetonitrile		1300	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)		
Acrolein		0.34	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)		
Acrylonitrile		0.49	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Benzene		1.4	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Bromodichloromethane		2.3	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Bromoform		380	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Bromomethane		13	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Carbon Disulfide		1200	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	0.0085		
Carbon Tetrachloride		0.52	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Chlorobenzene		180	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Chloroethane		1600	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Chloroform		0.52	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Chloromethane		2.6	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Dibromochloromethane		36	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Dibromomethane		11000	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Dichlorodifluoromethane		310	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Ethylbenzene		230	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Iodomethane		2.6	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Isobutanol		40000	ND(0.11)	ND(0.12)	ND(0.11)	NA	ND(0.13)		
Methacrylonitrile		8.4	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Methyl Methacrylate		7300	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Methylene Chloride		20	0.0080	ND(0.0061)	ND(0.0057)	NA	0.012		
Propionitrile		1300	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.013)		
Styrene		1700	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Tetrachloroethene		16	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Toluene		520	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
trans-1,2-Dichloroethane		210	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Trichloroethene		6.1	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Trichlorofluoromethane		1300	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	0.0073		
Vinyl Acetate		1400	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Vinyl Chloride		0.048	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		
Xylenes (Total)		210	ND(0.0056)	ND(0.0061)	ND(0.0057)	NA	ND(0.0067)		

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-30-SB-8	19-9-30-SB-8	19-9-30-SB-12	19-9-30-SB-12	19-9-30-SB-12	
			0-1 03/11/05	1-3 03/11/05	0-1 03/11/05	3-6 03/11/05	4-6 03/11/05	
SemiVolatile Organics								
1,2,4,5-Tetrachlorobenzene		320	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,2,4-Trichlorobenzene		1700	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,2-Dichlorobenzene		370	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,2-Diphenylhydrazine		3.7	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,3,5-Trinitrobenzene		32000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,3-Dichlorobenzene		140	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,3-Dinitrobenzene		110	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
1,4-Dichlorobenzene		7.3	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
1,4-Naphthoquinone		190	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
1-Naphthylamine		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
2,3,4,6-Tetrachlorophenol		32000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,4,5-Trichlorophenol		110000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,4,6-Trichlorophenol		270	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,4-Dichlorophenol		3200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,4-Dimethylphenol		21000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,4-Dinitrophenol		2100	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
2,4-Dinitrotoluene		2100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,6-Dichlorophenol		3200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2,6-Dinitrotoluene		1100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2-Acetylaminothiophene		3.6	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
2-Chloronaphthalene		24000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2-Chlorophenol		240	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2-Methylnaphthalene		190	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2-Methylphenol		53000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
2-Naphthylamine		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
2-Nitroaniline		64	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
2-Nitrophenol		Not Listed	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
2-Picoline		1100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
3&4-Methylphenol		5300	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
3,3-Dichlorobenzidine		6.7	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA	
3,3-Dimethylbenzidine		0.33	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
3-Methylcholanthrene		0.36	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
3-Nitroaniline		110	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
4,6-Dinitro-2-methylphenol		1100	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
4-Aminobiphenyl		27000	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
4-Bromophenyl-phenylether		3200	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
4-Chloro-3-Methylphenol		53000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
4-Chloroaniline		4300	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
4-Chlorobenzilate		11	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
4-Nitroaniline		110	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
4-Nitrophenol		66000	ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
4-Nitroquinoline-1-oxide		2100	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
4-Phenylenediamine		100000	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
5-Nitro-o-toluidine		91	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
a,a'-Dimethylphenethylamine		1100	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Acenaphthene		28000	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Acenaphthylene		190	ND(0.38)	0.59 J	0.43 J	ND(0.41)	NA	
Acetophenone		1.6	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Aniline		530	ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Anthracene		220000	ND(0.38)	0.45 J	ND(3.8)	ND(0.41)	NA	
Aramid		120	ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Benzidine		0.013	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA	
Benzof(a)anthracene		3.6	ND(0.38)	2.3 J	0.69 J	0.078 J	NA	
Benzof(a)pyrene		0.36	ND(0.38)	2.7 J	0.82 J	0.073 J	NA	
Benzof(b)fluoranthene		3.6	ND(0.38)	2.3 J	0.68 J	0.073 J	NA	
Benzof(g,h,i)perylene		190	ND(0.38)	1.5 J	ND(3.8)	0.047 J	NA	
Benzof(k)fluoranthene		36	ND(0.38)	2.4 J	0.57 J	0.085 J	NA	
Benzyl Alcohol		100000	ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA	

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-30-SB-8 0-1 03/11/05	19-9-30-SB-8 1-3 03/11/05	19-9-30-SB-12 0-1 03/11/05	19-9-30-SB-12 3-6 03/11/05	19-9-30-SB-12 4-6 03/11/05	
Semi-volatile Organics (continued)								
Bis(2-Chloroethoxy)methane	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Bis(2-Chloroethyl)ether	0.56		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Bis(2-Chloroisopropyl)ether	7.4		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Bis(2-Ethylhexyl)phthalate	210		0.36 J	4.1	ND(1.9)	ND(0.41)	NA	
Butylbenzylphthalate	930		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Chrysene	360		ND(0.38)	2.4 J	0.71 J	0.11 J	NA	
Diallate	49		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Dibenz(a,h)anthracene	0.36		ND(0.38)	0.41 J	ND(3.8)	ND(0.41)	NA	
Dibenzofuran	3200		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Diethylphthalate	100000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Dimethylphthalate	100000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Di-n-Butylphthalate	110000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Di-n-Octylphthalate	10000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Diphenylamine	27000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Ethyl Methanesulfonate	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Fluoranthene	37000		ND(0.38)	4.0 J	1.0 J	0.16 J	NA	
Fluorene	22000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Hexachlorobenzene	1.9		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Hexachlorobutadiene	38		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Hexachlorocyclopentadiene	7100		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Hexachloroethane	210		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Hexachlorophene	320		ND(0.75)	ND(8.1)	ND(7.6)	ND(0.82)	NA	
Hexachloropropene	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Indeno(1,2,3-cd)pyrene	3.6		ND(0.38)	1.4 J	0.42 J	ND(0.41)	NA	
Isodrin	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Isophorone	3200		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Isosafrole	Not Listed		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Methapyrene	190		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Methyl Methanesulfonate	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Naphthalene	190		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Nitrobenzene	100		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitrosodimethylamine	0.02		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitrosodimethylamine	0.059		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitroso-di-n-butylamine	0.058		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
N-Nitroso-di-n-propylamine	0.43		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitrosodiphenylamine	610		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitrosomethylamine	0.14		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
N-Nitrosomorpholine	1.4		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
N-Nitrosopiperidine	1.4		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
N-Nitrosopyrrolidine	1.4		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
o,o'-Triethylphosphorothioate	210		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
o-Toluidine	12		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
p-Dimethylaminoozobenzene	6.7		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Pentachlorobenzene	860		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Pentachloroethane	6.8		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Pentachloronitrobenzene	12		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Pentachlorophenol	15		ND(1.9)	ND(20)	ND(19)	ND(2.1)	NA	
Phenacetin	14000		ND(0.75)	ND(4.1)	ND(3.8)	ND(0.82)	NA	
Phenanthrene	190		ND(0.38)	1.8 J	0.44 J	0.081 J	NA	
Phenol	100000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Pronamide	80000		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Pyrene	26000		ND(0.38)	4.2	1.0 J	0.15 J	NA	
Pyridine	1100		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Safrole	Not Listed		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	
Thionazin	6400		ND(0.38)	ND(4.1)	ND(3.8)	ND(0.41)	NA	

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGS	19-9-30-SB-8 0-1 03/11/05	19-9-30-SB-8 1-3 03/11/05	19-9-30-SB-12 0-1 03/11/05	19-9-30-SB-12 3-6 03/11/05	19-9-30-SB-12 4-6 03/11/05
Furans							
2,3,7,8-TCDF		Not Applicable	0.0000023 Y	0.0000034 Y	0.0000027 Y	0.0000073 Y	NA
TCDFs (total)		Not Applicable	0.0000023	0.000024	0.000025	0.00013	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.0000012)	0.000011	0.000015	0.000010	NA
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000017)	0.000018	0.000024	0.000014	NA
PeCDFs (total)		Not Applicable	0.000022	0.00029	0.00052	0.00013	NA
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000022)	0.000017	0.000044 I	0.000024	NA
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.0000019)	0.000021	0.000037 I	0.000017	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000037)	ND(0.00000052)	ND(0.00000093)	ND(0.00000063)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000019)	0.000022	0.000038	0.000017	NA
HxCDFs (total)		Not Applicable	0.000027	0.00051	0.0010	0.00014	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.0000051 J	0.000054	0.000090	0.000069	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000056)	0.0000057 J	0.000014	0.0000053 J	NA
HpCDFs (total)		Not Applicable	0.000012	0.00015	0.00025	0.000092	NA
OCDF		Not Applicable	ND(0.00000056)	0.000057	0.000055	0.000035	NA
Dioxins							
2,3,7,8-TCDD		Not Applicable	ND(0.00000032)	0.00000077 J	ND(0.00000053)	0.00000087 J	NA
TCDDs (total)		Not Applicable	ND(0.00000032)	0.0000042	0.0000070	0.000029	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000047)	ND(0.0000015)	ND(0.0000024)	0.0000040 J	NA
PeCDDs (total)		Not Applicable	ND(0.00000047)	ND(0.0000027)	0.0000032	0.0000035	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000036)	ND(0.00000095)	ND(0.0000012)	0.0000032 J	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000040)	0.0000051 J	0.0000038 J	0.0000042 J	NA
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000033)	ND(0.00000027)	ND(0.00000028)	0.0000044 J	NA
HxCDDs (total)		Not Applicable	ND(0.0000010)	0.000036	0.000034	0.000059	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0000056 J	0.000085	0.000030	0.000021	NA
HpCDDs (total)		Not Applicable	0.000010	0.00018	0.000062	0.000043	NA
OCDD		Not Applicable	0.000047	0.0011	0.00027	0.000028	NA
Total TEQs (WHO TEFs)		Not Applicable	0.0000016	0.000023	0.000031	0.000021	NA
Inorganics							
Antimony		750	5.10 B	2.00 B	1.00 B	ND(6.00)	NA
Arsenic		3	2.20	5.00	4.80	14.0	NA
Barium		100000	70.0	55.0	40.0	78.0	NA
Beryllium		3400	0.230 B	0.320 B	0.310 B	0.300 B	NA
Cadmium		930	0.270 B	0.430 B	0.280 B	ND(0.500)	NA
Chromium		450	8.90	14.0	9.50	9.10	NA
Cobalt		29000	6.40	10.0	7.70	5.80	NA
Copper		70000	13.0	30.0	39.0	24.0	NA
Cyanide		35	ND(0.110)	0.0930 B	0.0780 B	0.0930 B	NA
Lead		1000	9.70	73.0	59.0	170	NA
Mercury		560	ND(0.110)	0.120 B	0.260	0.270	NA
Nickel		37000	11.0	22.0	14.0	12.0	NA
Selenium		9400	ND(1.00)	ND(1.00)	0.650 B	ND(1.00)	NA
Silver		9400	ND(1.00)	ND(1.00)	ND(1.00)	0.670 B	NA
Sulfide		1200	18.0	12.0	28.0	ND(6.20)	NA
Thallium		150	2.50	3.90	3.70	2.20	NA
Tin		100000	4.80 B	7.30 B	5.40 B	7.70 B	NA
Vanadium		13000	15.0	16.0	37.0	17.0	NA
Zinc		100000	27.0	110	62.0	86.0	NA

TABLE E-67
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-30 (NON-BANK)

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE E-68
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-30 (Non-Bank)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Carbon Disulfide	0.0085	350	No
Methylene Chloride	0.012	8.5	No
Trichlorofluoromethane	0.0073	380	No
Semivolatile Organics			
Acenaphthylene	0.59	55*	No
Anthracene	0.45	14,000	No
Benzo(a)anthracene	2.3	0.56	Yes
Benzo(a)pyrene	2.7	0.056	Yes
Benzo(b)fluoranthene	2.3	0.56	Yes
Benzo(g,h,i)perylene	1.5	55*	No
Benzo(k)fluoranthene	2.4	5.6	No
bis(2-Ethylhexyl)phthalate	4.1	32	No
Chrysene	2.4	56	No
Dibenzo(a,h)anthracene	0.41	0.056	Yes
Fluoranthene	4	2,000	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	Yes
Phenanthrene	1.8	55*	No
Pyrene	4.2	1,500	No
Inorganics			
Antimony	5.1	30	No
Arsenic	14	0.38	Yes
Barium	78	5,200	No
Beryllium	0.32	150	No
Cadmium	0.43	37	No
Chromium	14	210	No
Cobalt	10	3,300	No
Copper	39	2,800	No
Cyanide	0.093	11*	No
Lead	170	400	No
Mercury	0.27	22	No
Nickel	22	1,500	No
Selenium	0.65	370	No
Silver	0.67	370	No
Sulfide	28	350*	No
Thallium	3.9	6	No
Tin	7.7	45,000	No
Vanadium	37	520	No
Zinc	110	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-69
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-30: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-30-SB-8 0-1 03/1/105	19-9-30-SB-12 0-1 03/1/105	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzol(a)anthracene	0.19	0.69	N/A (See Note 5)	0.44	7	No
Benzol(a)pyrene	0.19	0.82	N/A (See Note 5)	0.51	2	No
Benzol(b)fluoranthene	0.19	0.68	N/A (See Note 5)	0.44	7	No
Dibenzol(a,h)anthracene	0.19	1.9	N/A (See Note 5)	1.0	0.7	(See Note 6)
Indeno(1,2,3-cd)pyrene	0.19	0.42	N/A (See Note 5)	0.31	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.60E-06	3.10E-05	3.10E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	2.20	4.80	N/A (See Note 5)	3.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Dibenzol(a,h)anthracene was not detected in this depth increment.

TABLE E-70
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-9-30: 1 - TO X-FOOT [X=6] DEPTH INCREMENT (NON-BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-30-SB-8 1-3 03/11/05	19-9-30-SB-12 3-6 03/11/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	2.3	0.078	N/A (See Note 5)	1.2	7	No
Benzo(a)pyrene	2.7	0.073	N/A (See Note 5)	1.4	2	No
Benzo(b)fluoranthene	2.3	0.073	N/A (See Note 5)	1.2	7	No
Dibenzo(a,h)anthracene	0.41	0.21	N/A (See Note 5)	0.31	0.7	No
Indeno(1,2,3-cd)pyrene	1.4	0.21	N/A (See Note 5)	0.81	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	5.70E-05	3.50E-05	5.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	5.00	14.0	N/A (See Note 5)	9.50	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the Risk (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Parcel 19-9-31 (bank)

TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-31 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feeet): Date Collected:	EPA Region 9 Residential PRGs	19-9-31-SB-2		19-9-31-SB-3		19-9-31-SB-3		19-9-32-SB-3-W	
			0-1 07/07/03	1-3 07/07/03	0-1 07/07/03	1-3 07/07/03	1-3 10/11/05			
Volatile Organics										
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,1,1-Trichloroethane		680	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,1,2-Trichloroethane		0.82	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,1-Dichloroethane		570	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,1-Dichloroethene		0.052	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,2,3-Trichloropropene		0.0014	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,2-Dibromo-3-chloropropene		0.32	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,2-Dibromomethane		0.0049	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,2-Dichloroethane		0.34	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,2-Dichloropropene		0.34	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	
2-Butanone		6900	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA	
2-Chloro-1,3-butadiene		3.6	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
2-Chloroethylvinylether		0.18	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA	
3-Chloropropene		2700	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA	
Acetone		1400	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.025	NA	
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	
Acrylonitrile		0.19	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054)	ND(0.0054)	NA	
Benzene		0.62	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Bromodichloromethane		0.98	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Bromoform		56	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054)	ND(0.0054)	NA	
Bromomethane		3.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Carbon Disulfide		350	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Carbon Tetrachloride		0.23	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Chlorobenzene		54	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Chloroethane		1600	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Chloroform		0.24	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Chloromethane		1.2	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
cis-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Dibromochloromethane		5.3	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Dibromomethane		550	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Dichlorodifluoromethane		94	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Ethyl Methacrylate		140	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Ethylbenzene		230	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Iodomethane		1.2	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	NA	
Isobutanol		10000	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	
Methacrylonitrile		1.8	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Methyl Methacrylate		2200	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Methylene Chloride		8.5	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA	
Styrene		1700	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Tetrachloroethene		4.7	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Toluene		520	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
trans-1,2-Dichloroethene		62	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
trans-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Trichloroethene		2.7	ND(0.0054)	ND(0.0054) J	ND(0.0054) J	ND(0.0054) J	ND(0.0054)	ND(0.0054)	NA	
Trichlorofluoromethane		380	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Vinyl Acetate		420	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Vinyl Chloride		0.021	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	
Xylenes (total)		210	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	

TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-31 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-31-SB-2		19-9-31-SB-3		19-9-32-SB-3-W	
			0-1 07/07/03	1-3 07/07/03	0-1 07/07/03	1-3 07/07/03	1-3 10/11/05	
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
1,3,5-Trinitrobenzene		1600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,3-Dinitrobenzene		5.5	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.36)	ND(0.82) J	
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
1,4-Naphthoquinone		55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)	
1-Naphthylamine		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)	
2,3,4,6-tetrachlorophenol		1600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2,4,5-Trichlorophenol		5500	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2,4-Dimethylphenol		1100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74) J	
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(3.7) J	
2,6-Dinitrotoluene		110	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
2-Acetylaminofluorene		0.56	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82) J		
2-Chloronaphthalene		3700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2-Chlorophenol		59	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2-Methylnaphthalene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2-Methylphenol		2700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
2-Naphthylamine		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J	
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7) J		
2-Nitrophenol		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)	
2-Picoline		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
3&4-Methylphenol		270	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)	
3,3'-Dichlorobenzidine		0.99	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(1.5)	
3,3'-Dimethylbenzidine		0.048	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)	
3-Methylcholanthrene		0.056	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7)		
4,6-Dinitro-2-methylphenol		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
4-Aminobiphenyl		1400	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82) J		
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
4-Chloro-3-Methylphenol		2700	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
4-Chloroaniline		220	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
4-Chlorobenzilate		1.6	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(2.1)		
4-Nitrophenol		3400	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(3.7)		
4-Nitroquinoline-1-oxide		110	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82) J		
4-Phenylendiamine		10000	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
5-Nitro-o-toluidine		13	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
a,a'-Dimethylphenethylamine		55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82) J		
Acenaphthene		2600	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
Acenaphthylene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
Acetophenone		0.49	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)		
Aniline		78	ND(0.36)	0.079 J	ND(0.36)	ND(0.74) J		
Anthracene		14000	ND(0.36)	ND(0.36)	ND(0.36)	0.074 J		
Antrilite		18	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.82)		
Benzidine		0.0019	ND(0.72)	ND(0.73)	ND(0.72)	ND(1.5) J		
Benzo(a)anthracene		0.56	ND(0.36)	0.10 J	0.18 J	ND(0.74)		
Benzo(a)pyrene		0.056	ND(0.36)	0.13 J	0.12 J	ND(0.74)		
Benzo(b)fluoranthene		0.56	ND(0.36)	0.12 J	0.11 J	ND(0.74)		
Benzo(g,h,i)perylene		55	ND(0.36)	ND(0.36)	0.095 J	ND(0.74)		
Benzo(k)fluoranthene		5.6	ND(0.36)	ND(0.36)	ND(0.36)	0.21 J		
Benzyl Alcohol		16000	ND(0.72)	ND(0.73)	ND(0.72)	ND(1.5)		

TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-31 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-31-SB-2 0-1 07/07/03	19-9-31-SB-2 1-3 07/07/03	19-9-31-SB-3 0-1 07/07/03	19-9-31-SB-3 1-3 07/07/03	19-9-32-SB-3-W 1-3 10/11/05
SemiVolatile Organics (Continues)							
bis(2-Chloroethoxy)methane		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
bis(2-Chloroethyl)ether		0.18	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74)
bis(2-Chloroisopropyl)ether		2.5	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
bis(2-Ethylhexyl)phthalate		32	ND(0.36)	ND(0.36)	0.99	ND(0.36)	ND(0.40)
Butylbenzylphthalate		930	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Chrysene		56	0.079 J	0.14 J	0.14 J	0.20 J	0.079 J
Diallate		7.3	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Dibenz(a,h)anthracene		0.056	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Dibenzofuran		210	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Diethylphthalate		44000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Dimethylphthalate		100000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Di-n-Butylphthalate		5500	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Di-n-Octylphthalate		1100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Diphenylamine		1400	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Ethyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Fluoranthene		2000	0.12 J	0.22 J	0.26 J	0.42	0.11 J
Fluorene		1800	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorobenzene		0.28	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorobutadiene		5.7	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachlorocyclopentadiene		380	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
Hexachloroethane		32	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Hexachloropropene		16	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.72) J	ND(1.5) J
Hexachloropyrene		Not Listed	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74) J
Indeno(1,2,3-cd)pyrene		0.56	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isodrin		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isophorone		470	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Isosafrole		Not Listed	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82) J
Methapyrene		55	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Methyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Naphthalene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Nitrobenzene		16	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodiphenylamine		0.003	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodimethylamine		0.0087	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitroso-di-n-butylamine		0.022	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
N-Nitroso-di-n-propylamine		0.063	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodiphenylamine		91	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosodiphenylamine		0.02	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
N-Nitrosomorpholine		0.21	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosopiperidine		0.21	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
N-Nitrosopyrrolidine		0.21	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
o,o'-Triethylphosphorothioate		11	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.36) J	ND(0.74)
o-Tolidine		1.9	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
p-Dimethylaminoazobenzene		0.99	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Pentachlorobenzene		44	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pentachloroethane		2.8	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pentachloronitrobenzene		1.7	ND(0.72) J	ND(0.73) J	ND(0.72) J	ND(0.72) J	ND(0.82)
Pentachlorophenol		2.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.7)
Phenanthrene		640	ND(0.72)	ND(0.73)	ND(0.72)	ND(0.72)	ND(0.82)
Phenacetin		55	ND(0.36)	0.090 J	0.14 J	0.34 J	ND(0.74)
Phenanthrene		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Promamide		33000	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pyrene		4100	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Pyridine		1500	0.097 J	0.20 J	0.22 J	0.35 J	0.12 J
Safrole		55	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Thionazin		Not Listed	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)
Thionazin		330	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.74)

TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-31 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-31-SB-2 0-1 07/07/03	19-9-31-SB-2 1-3 07/07/03	19-9-31-SB-3 0-1 07/07/03	19-9-31-SB-3 1-3 07/07/03	19-9-32-SB-3-W 1-3 10/11/05
Furans							
2,3,7,8-TCDF		Not Applicable	0.000012 Y	0.000010 Y	0.000016 Y	0.000027 Y	NA
TCDFs (total)		Not Applicable	0.000080	0.000059	0.000092	0.00016	NA
1,2,3,7,8-PeCDF		Not Applicable	0.000011	0.0000044	0.0000082	0.000011	NA
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000061) X	0.0000037	0.0000072	0.000010	NA
PeCDFs (total)		Not Applicable	0.000069	0.000058	0.000059	0.000088	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000481	0.0000401	0.0000631	0.000111	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000077	0.0000040	0.0000053	0.0000094	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000067)	ND(0.00000066)	ND(0.00000066)	ND(0.0000010)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000027	0.0000024	ND(0.0000040) X	ND(0.0000045) X	NA
HxCDFs (total)		Not Applicable	0.00011	0.000085	0.00014	0.00022	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000025	0.000020	0.000023	0.000035	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000038	0.0000039	ND(0.0000031) X	ND(0.0000056) X	NA
HpCDFs (total)		Not Applicable	0.000031	0.000026	0.000023	0.000035	NA
OCDF		Not Applicable	0.000060	0.000064	0.000053	0.000072	NA
Dioxins							
2,3,7,8-TCDD		Not Applicable	ND(0.0000012) J	ND(0.00000057) J	ND(0.00000070) J	ND(0.00000069) J	NA
TCDDs (total)		Not Applicable	0.0000034 J	ND(0.00000082) J	ND(0.00000070) J	0.0000060 J	NA
1,2,3,7,8-PeCDD		Not Applicable	0.0000031	ND(0.00000082)	ND(0.0000011)	ND(0.0000012)	NA
PeCDDs (total)		Not Applicable	0.0000031	ND(0.00000082)	ND(0.0000011)	ND(0.0000012)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000058)	ND(0.00000059)	ND(0.00000069)	ND(0.00000085)	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000052	ND(0.00000053)	ND(0.00000063)	ND(0.00000077)	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000020	ND(0.00000054)	ND(0.00000063)	ND(0.00000078)	NA
HxCDDs (total)		Not Applicable	0.0000072	ND(0.00000053)	ND(0.00000063)	0.0000026	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000014	0.0000073	0.000013	0.000015	NA
HpCDDs (total)		Not Applicable	0.000022	0.000014	0.000025	0.000030	NA
OCDD		Not Applicable	0.000062	0.000046	0.000075	0.000091	NA
Total TEQs (WHO TEFs)		Not Applicable	0.000014	0.0000088	0.000014	0.000022	NA
Inorganics							
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		0.38	5.40	5.90	5.60	6.80	NA
Barium		5200	44.0	55.0	43.0	49.0	NA
Beryllium		150	0.180 B	0.190 B	0.220 B	0.200 B	NA
Cadmium		37	0.270 B	0.330 B	0.500	0.340 B	NA
Chromium		210	6.80	7.10	6.80	8.20	NA
Cobalt		3300	5.20	6.10	5.30	6.30	NA
Copper		2800	20.0	23.0	23.0	24.0	NA
Cyanide		11	0.0920 B	0.100 B	0.130	0.170	NA
Lead		400	190	190	210	220	NA
Mercury		22	0.280	0.360	0.350	0.390	NA
Nickel		1500	9.50	10.0	10.0	12.0	NA
Selenium		370	ND(1.00) J	ND(1.00) J	0.560 J	ND(1.00) J	NA
Silver		370	ND(1.00)	ND(1.00)	0.120 B	ND(1.00)	NA
Sulfide		350	ND(5.40)	8.70	26.0	ND(5.40)	NA
Thallium		6	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	NA
Tin		45000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium		520	8.20	8.20	8.30	9.20	NA
Zinc		22000	71.0	83.0	130	80.0	NA

TABLE E-71
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-31 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSF/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated maximum possible concentration.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-72
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-31

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics	0.025	1,400	No
Semivolatile Organics			
Acetone			
Acenaphthylene	0.12	55*	No
Aniline	0.1	78	No
Anthracene	0.074	14,000	No
Benz(a)anthracene	0.18	0.56	No
Benz(a)pyrene	0.21	0.056	Yes
Benz(b)fluoranthene	0.18	0.56	No
Benz(g,h,i)perylene	0.095	55*	No
Benz(k)fluoranthene	0.21	5.6	No
bis(2-Ethylhexyl)phthalate	0.99	32	No
Chrysene	0.2	36	No
Fluoranthene	0.42	2,000	No
Phenanthrene	0.34	55*	No
Pyrene	0.36	1,500	No
Inorganics			
Arsenic	6.8	0.38	Yes
Barium	55	5,200	No
Beryllium	0.22	150	No
Cadmium	0.5	37	No
Chromium	8.2	210	No
Cobalt	6.3	3,300	No
Copper	24	2,800	No
Cyanide	0.17	11*	No
Lead	220	400	No
Mercury	0.39	22	No
Nickel	12	1,500	No
Selenium	0.56	370	No
Silver	0.12	370	No
Sulfide	26	350*	No
Vanadium	9.2	520	No
Zinc	130	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-73
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-31: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-31-SB-2 0-1 07/07/03	19-9-31-SB-3 0-1 07/07/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benz(a)pyrene	0.18	0.12	N/A (See Note 5)	0.15	2	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.40E-05	1.40E-05	1.40E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	5.40	5.60	N/A (See Note 5)	5.50	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-74
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-31: 1- TO X-FOOT [X=3] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-31-SB-2 1-3 07/07/03	19-9-31-SB-3 1-3 07/07/03	19-9-32-SB-3-W 1-3 10/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics	0.13	0.21	0.37	N/A (See Note 5)	0.24	2	No
Benzof(a)pyrene							
Dioxins/Furans							
Total TEQs (WHO TEFs)	8.80E-06	2.20E-05	--	2.20E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	5.90	6.80	--	N/A (See Note 5)	6.35	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

ARCADIS BBL

Parcel 19-9-32 (bank)

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-2	19-9-32-SB-2	19-9-32-SB-2	19-9-32-SB-3
			0-1 07/07/03	1-3 07/07/03	1-3 02/13/04	0-1 07/07/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,1-Trichloroethane		680	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1,2-Trichloroethane		0.82	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1-Dichloroethane		570	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,1-Dichloroethene		0.052	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2,3-Trichloropropene		0.0014	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dibromo-3-chloropropene		0.32	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dibromoethane		0.0049	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dichloroethane		0.34	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,2-Dichloropropene		0.34	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
1,4-Dioxane		40	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
2-Butanone		6900	ND(0.013)	ND(0.016) J	NA	ND(0.010)
2-Chloro-1,3-butadiene		3.6	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
2-Chloroethylvinylether		0.18	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
2-Hexanone		750	ND(0.013)	ND(0.016)	NA	ND(0.010)
3-Chloropropene		2700	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.016)	NA	ND(0.010)
Acetone		1400	0.033	ND(0.032)	NA	0.022
Acetonitrile		200	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Acrolein		0.1	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Acrylonitrile		0.19	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Benzene		0.62	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Bromodichloromethane		0.98	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Bromoform		56	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Bromomethane		3.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Carbon Disulfide		350	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Carbon Tetrachloride		0.23	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chlorobenzene		54	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloroethane		1600	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloroform		0.24	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Chloromethane		1.2	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
cis-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dibromochloromethane		5.3	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dibromomethane		550	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Dichlorodifluoromethane		94	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Ethyl Methacrylate		140	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Ethylbenzene		230	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Iodomethane		1.2	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Isobutanol		10000	ND(0.13) J	ND(0.16) J	NA	ND(0.10) J
Methacrylonitrile		1.8	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Methyl Methacrylate		2200	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Methylene Chloride		8.5	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Propionitrile		200	ND(0.013)	ND(0.016)	NA	ND(0.010)
Styrene		1700	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Tetrachloroethene		4.7	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Toluene		520	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,2-Dichloroethene		62	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,3-Dichloropropene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Trichloroethene		2.7	ND(0.0067) J	ND(0.0080) J	NA	ND(0.0052) J
Trichlorofluoromethane		380	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Vinyl Acetate		420	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Vinyl Chloride		0.021	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)
Xylenes (total)		210	ND(0.0067)	ND(0.0080)	NA	ND(0.0052)

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-2 1-3 07/07/03	19-9-32-SB-2 1-3 02/13/04	19-9-32-SB-3 0-1 07/07/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2,4-Trichlorobenzene		480	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2-Dichlorobenzene		370	ND(0.45)	R	ND(0.53)	ND(0.34)
1,2-Diphenylhydrazine		0.56	ND(0.45)	R	ND(0.53) J	ND(0.34)
1,3,5-Trinitrobenzene		1600	ND(0.45)	R	ND(0.53) J	ND(0.34)
1,3-Dichlorobenzene		41	ND(0.45)	R	ND(0.53)	ND(0.34)
1,3-Dinitrobenzene		5.5	ND(0.90) J	R	ND(1.1)	ND(0.69) J
1,4-Dichlorobenzene		3	ND(0.45)	R	ND(0.53)	ND(0.34)
1,4-Naphthoquinone		55	ND(0.90)	R	ND(1.1) J	ND(0.69)
1-Naphthylamine		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2,3,4,6-Tetrachlorophenol		1600	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4,5-Trichlorophenol		5500	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4,6-Trichlorophenol		40	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dichlorophenol		160	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dimethylphenol		1100	ND(0.45)	R	ND(0.53)	ND(0.34)
2,4-Dinitrophenol		110	ND(2.3) J	R	ND(2.7)	ND(1.8) J
2,4-Dinitrofluorene		110	ND(0.45)	R	ND(0.53)	ND(0.34)
2,6-Dichlorophenol		160	ND(0.45)	R	ND(0.53)	ND(0.34)
2,6-Dinitrotoluene		55	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Acetylaminofluorene		0.56	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Chloronaphthalene		3700	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Chlorophenol		59	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Methylnaphthalene		55	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Methylphenol		2700	ND(0.45)	R	ND(0.53)	ND(0.34)
2-Naphthylamine		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Nitroaniline		3.3	ND(2.3)	R	ND(2.7) J	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)
2-Picoline		55	ND(0.45)	R	ND(0.53)	ND(0.34)
3&4-Methylphenol		270	ND(0.90)	R	ND(1.1)	ND(0.69)
3,3-Dichlorobenzidine		0.99	ND(0.90)	R	ND(1.1)	ND(0.69)
3,3-Dimethylbenzidine		0.048	ND(0.45)	R	ND(0.53)	ND(0.34)
3-Methylcholanthrene		0.056	ND(0.90)	R	ND(1.1)	ND(0.69)
3-Nitroaniline		5.5	ND(2.3)	R	ND(2.7) J	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Aminobiphenyl		1400	ND(0.90)	R	ND(1.1)	ND(0.69)
4-Bromophenyl-phenylether		160	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chloro-3-Methylphenol		2700	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chloroaniline		220	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Chlorobenzilate		1.6	ND(0.90)	R	ND(1.1)	ND(0.69)
4-Chlorophenyl-phenylether		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)
4-Nitroaniline		5.5	ND(2.3)	R	ND(2.7)	ND(1.8)
4-Nitrophenol		3400	ND(2.3) J	R	ND(2.7) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.90)	R	ND(1.1) J	ND(0.69)
4-Phenylenediamine		10000	ND(0.90)	R	ND(1.1)	ND(0.69)
5-Nitro-o-tolidine		13	ND(0.90)	R	ND(1.1)	ND(0.69)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.90)	R	ND(1.1)	ND(0.69)
a,a'-Dimethylphenylamine		55	ND(0.90)	R	ND(1.1)	ND(0.69)
Acenaphthene		2600	ND(0.45)	1.5 J	ND(0.53)	ND(0.34)
Acenaphthylene		55	0.10 J	R	ND(0.53)	ND(0.34)
Acetophenone		0.49	ND(0.45)	R	ND(0.53)	ND(0.34)
Aniline		78	ND(0.45)	0.22 J	ND(0.53)	ND(0.34)
Anthracene		14000	ND(0.45)	R	0.12 J	ND(0.34)
Aramite		18	ND(0.90)	R	ND(1.1)	ND(0.69)
Benzidine		0.0019	ND(0.90)	R	ND(1.1) J	ND(0.69)
Benzo(a)anthracene		0.56	ND(0.45)	R	0.44 J	ND(0.34)
Benzo(a)pyrene		0.056	ND(0.45)	R	0.37 J	ND(0.34)
Benzo(b)fluoranthene		0.56	ND(0.45)	R	0.34 J	ND(0.34)
Benzo(g,h,i)perylene		55	ND(0.45)	R	0.24 J	ND(0.34)
Benzo(k)fluoranthene		5.5	ND(0.45)	R	0.41 J	ND(0.34)
Benzyl Alcohol		16000	ND(0.90)	R	ND(1.1)	ND(0.69)

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-2		19-9-32-SB-2		19-9-32-SB-2	
			0-1 07/07/03	1-3 07/07/03	1-3 02/13/04	0-1 07/07/03		
Semivolatile Organics (continues)		Not Listed						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
bis(2-Chloroethyl)ether		0.18	ND(0.45) J	R	ND(0.53)	ND(0.34) J	ND(0.34) J	
bis(2-Chloroisopropyl)ether		2.5	ND(0.45) J	R	ND(0.53)	ND(0.53)	ND(0.34) J	
bis(2-Ethylhexyl)phthalate		32	ND(0.44)	R	ND(0.52)	ND(0.34)	ND(0.34)	
Butylbenzylphthalate		930	0.52	R	ND(0.53)	0.50	0.50	
Chrysene		56	ND(0.45)	R	0.57	ND(0.34)	ND(0.34)	
Dibenzofuran		7.3	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
Dibenzofuran		0.056	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Dibenzofuran		210	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Diethylphthalate		44000	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Dimethylphthalate		100000	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Di-n-Butylphthalate		5500	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Di-n-Octylphthalate		1100	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Diphenylamine		1400	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Ethyl Methanesulfonate		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Fluoranthrene		2000	0.15 J	0.14 J	1.3	0.081 J	0.081 J	
Fluorene		1800	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Hexachlorobenzene		0.28	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Hexachlorobutadiene		5.7	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Hexachlorocyclopentadiene		380	ND(0.45) J	R	ND(0.53)	ND(0.34) J	ND(0.34) J	
Hexachloroethane		32	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Hexachlorophane		16	ND(0.90) J	R	ND(1.1) J	ND(0.69) J	ND(0.69) J	
Hexachloropropene		Not Listed	ND(0.45) J	R	ND(0.53)	ND(0.34) J	ND(0.34) J	
Indenol(1,2,3-cd)pyrene		0.56	R	ND(0.54)	0.19 J	ND(0.34)	ND(0.34)	
Isodrin		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Isophorone		470	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Isosafrole		Not Listed	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
Methapyrene		55	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
Methyl Methanesulfonate		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Naphthalene		55	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Nitrobenzene		16	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosodimethylamine		0.003	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosodimethylamine		0.0087	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitroso-di-n-butylamine		0.022	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
N-Nitrosodi-n-propylamine		0.063	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosodiphenylamine		91	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosomethylethylamine		0.02	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
N-Nitrosomorpholine		0.21	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosopiperidine		0.21	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
N-Nitrosopyrrolidine		0.21	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
o,o'-Triethylphosphorothioate		11	ND(0.45) J	R	ND(0.53)	ND(0.34) J	ND(0.34) J	
o-Toluidine		1.9	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
p-Dimethylaminoazobenzene		0.99	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
Pentachlorobenzene		44	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Pentachloroethane		2.8	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Pentachloronitrobenzene		1.7	ND(0.90) J	R	ND(1.1)	ND(0.69) J	ND(0.69) J	
Pentachlorophenol		2.5	ND(2.3)	R	ND(2.7)	ND(1.8)	ND(1.8)	
Phenacetin		640	ND(0.90)	R	ND(1.1)	ND(0.69)	ND(0.69)	
Phenanthrene		55	0.088 J	R	0.75	ND(0.34)	ND(0.34)	
Phenol		33000	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Promazine		4100	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Pyrene		1500	0.15 J	0.15 J	1.3	0.084 J	0.084 J	
Pyridine		55	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Safrole		Not Listed	ND(0.45)	R	ND(0.53)	ND(0.34)	ND(0.34)	
Thionazin		330	ND(0.45)	R	ND(0.53) J	ND(0.34)	ND(0.34)	

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-2 1-3 07/07/03	19-9-32-SB-2 1-3 02/13/04	19-9-32-SB-3 0-1 07/07/03
Furans						
2,3,7,8-TCDF		Not Applicable	0.0000028 Y	ND(0.00027) XY	NA	0.0000040 Y
TCDFs (total)		Not Applicable	0.0000034	0.00046	NA	0.000018
1,2,3,7,8-PeCDF		Not Applicable	0.0000033	0.00036 I	NA	ND(0.0000078) J
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000019) X	0.000072	NA	0.0000021
PeCDFs (total)		Not Applicable	0.0000035	0.00060	NA	0.0000021
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000033 I	0.0042 I	NA	0.000018 I
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000033	0.00015	NA	ND(0.0000026) X
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000074)	ND(0.000022) X	NA	ND(0.0000080)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000022	0.000054	NA	ND(0.0000011) X
HxCDFs (total)		Not Applicable	0.0000081	0.00058	NA	0.000034
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000029	0.00044	NA	0.000021
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000074	0.00015	NA	0.0000043
HpCDFs (total)		Not Applicable	0.000036	0.00062	NA	0.000025
OCDF		Not Applicable	0.00028	0.00043	NA	0.00013
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000065) J	ND(0.0000028)	NA	ND(0.0000062) J
TCDDs (total)		Not Applicable	ND(0.00000065) J	0.000087	NA	ND(0.0000062) J
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000010)	ND(0.000017)	NA	ND(0.0000084)
PeCDDs (total)		Not Applicable	ND(0.0000010)	ND(0.000017)	NA	ND(0.0000084)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000085)	0.000058	NA	ND(0.0000070)
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000022	0.000061	NA	ND(0.0000064)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000039) X	0.000056	NA	ND(0.0000064)
HxCDDs (total)		Not Applicable	0.0000022	0.00017	NA	ND(0.0000064)
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000060	0.00032	NA	0.000010
HpCDDs (total)		Not Applicable	0.00016	0.00063	NA	0.000021
OCDD		Not Applicable	0.00052	0.00084	NA	0.000076
Total TEQs (WHO TEFs)		Not Applicable	0.0000071	0.00055	NA	0.0000047
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		0.38	3.30	6.60	NA	5.00
Barium		5200	56.0	43.0	NA	38.0
Beryllium		150	0.200 B	0.240 B	NA	0.150 B
Cadmium		37	0.680	8.80	NA	0.480 B
Chromium		210	10.0	30.0	NA	7.60
Cobalt		3300	6.00	5.70	NA	6.90
Copper		2800	26.0	220	NA	21.0
Cyanide		11	0.710	0.460	NA	0.100
Lead		400	35.0	240	NA	100
Mercury		22	0.0480 B	0.700	NA	0.100 B
Nickel		1500	13.0	46.0	NA	12.0
Selenium		370	ND(1.00) J	ND(1.20) J	NA	ND(1.00) J
Silver		370	ND(1.00)	4.30	NA	ND(1.00)
Sulfide		350	1400	640	NA	12.0
Thallium		6	ND(1.30) J	ND(1.60) J	NA	ND(1.00) J
Tin		45000	ND(10.0)	41.0	NA	ND(10.0)
Vanadium		520	8.30	14.0	NA	5.30
Zinc		22000	150	310	NA	120

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052) J	NA
1,1,1-Trichloroethane		680	ND(0.0052) J	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052) J	NA
1,1,2-Trichloroethane		0.82	ND(0.0052) J	NA
1,1-Dichloroethane		570	ND(0.0052) J	NA
1,1-Dichloroethene		0.052	ND(0.0052) J	NA
1,2,3-Trichloropropane		0.0014	ND(0.0052) J	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052) J	NA
1,2-Dibromoethane		0.0049	ND(0.0052) J	NA
1,2-Dichloroethane		0.34	ND(0.0052) J	NA
1,2-Dichloropropane		0.34	ND(0.0052) J	NA
1,4-Dioxane		40	ND(0.10) J	NA
2-Butanone		6900	ND(0.010) J	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0052) J	NA
2-Chloroethylvinylether		0.18	ND(0.0052) J	NA
2-Hexanone		750	ND(0.010) J	NA
3-Chloropropene		2700	ND(0.0052) J	NA
4-Methyl-2-pentanone		750	ND(0.010) J	NA
Acetone		1400	0.055 J	NA
Acetonitrile		200	ND(0.10) J	NA
Acrolein		0.1	ND(0.10) J	NA
Acrylonitrile		0.19	ND(0.0052) J	NA
Benzene		0.62	ND(0.0052) J	NA
Bromodichloromethane		0.98	ND(0.0052) J	NA
Bromoform		56	ND(0.0052) J	NA
Bromomethane		3.8	ND(0.0052) J	NA
Carbon Disulfide		350	ND(0.0052) J	NA
Carbon Tetrachloride		0.23	ND(0.0052) J	NA
Chlorobenzene		54	ND(0.0052) J	NA
Chloroethane		1600	ND(0.0052) J	NA
Chloroform		0.24	ND(0.0052) J	NA
Chloromethane		1.2	ND(0.0052) J	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0052) J	NA
Dibromochloromethane		5.3	ND(0.0052) J	NA
Dibromomethane		550	ND(0.0052) J	NA
Dichlorodifluoromethane		94	ND(0.0052) J	NA
Ethyl Methacrylate		140	ND(0.0052) J	NA
Ethylbenzene		230	ND(0.0052) J	NA
Iodomethane		1.2	ND(0.0052) J	NA
Isobutanol		10000	ND(0.10) J	NA
Methacrylonitrile		1.8	ND(0.0052) J	NA
Methyl Methacrylate		2200	ND(0.0052) J	NA
Methylene Chloride		8.5	ND(0.0052) J	NA
Propionitrile		200	ND(0.010) J	NA
Styrene		1700	ND(0.0052) J	NA
Tetrachloroethane		4.7	ND(0.0052) J	NA
Toluene		520	ND(0.0052) J	NA
trans-1,2-Dichloroethene		62	ND(0.0052) J	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0052) J	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052) J	NA
Trichloroethene		2.7	ND(0.0052) J	NA
Trichlorofluoromethane		380	ND(0.0052) J	NA
Vinyl Acetate		420	ND(0.0052) J	NA
Vinyl Chloride		0.021	ND(0.0052) J	NA
Xylenes (total)		210	ND(0.0052) J	NA

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-3	19-9-32-SB-3-E
			1-3 07/07/03	1-3 10/25/05
Semi-volatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.38)
1,3,5-Trinitrobenzene		1600	ND(0.35)	ND(0.38) J
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.76)
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.76) J
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.76)
2,3,4,6-Tetrachlorophenol		1600	ND(0.35)	ND(0.38)
2,4,5-Trichlorophenol		5500	ND(0.35)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.38)
2,4-Dimethylphenol		1100	ND(0.35)	ND(0.38)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.38)
2,6-Dichlorotoluene		160	ND(0.35)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.38)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.76)
2-Chloronaphthalene		3700	ND(0.35)	ND(0.38)
2-Chlorophenol		59	ND(0.35)	ND(0.38)
2-Methylnaphthalene		55	1.2	ND(0.38)
2-Methylphenol		2700	ND(0.35)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.76) J
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.76)
2-Picoline		55	ND(0.35)	ND(0.38)
3&4-Methylphenol		270	ND(0.70)	ND(0.76)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.76)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.38)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.76)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.38) J
4-Aminobiphenyl		1400	ND(0.70)	ND(0.76) J
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.38)
4-Chloro-3-Methylphenol		2700	ND(0.35)	ND(0.38)
4-Chloroaniline		220	ND(0.35)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.76)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.38)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4-Nitrophenol		3400	ND(1.8) J	ND(1.9)
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.76) J
4-Phenylethylenediamine		10000	ND(0.70)	ND(0.76)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.76)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.76)
a,a-Dimethylphenethylamine		55	ND(0.70)	ND(0.76) J
Acenaphthene		2600	0.86 J	ND(0.38)
Acenaphthylene		55	3.8	1.2
Acetophenone		0.49	ND(0.35)	ND(0.38)
Aniline		78	ND(0.35)	ND(0.38)
Anthracene		14000	3.6	0.35 J
Aramidite		18	ND(0.70)	ND(0.76)
Benzidine		0.0019	ND(0.70)	ND(0.76) J
Benzo(a)anthracene		0.56	8.4	1.6
Benzo(a)pyrene		0.056	8.3	1.5
Benzo(b)fluoranthene		0.56	5.7	1.1
Benzo(g,h,i)perylene		55	5.4	0.93
Benzo(k)fluoranthene		5.6	7.5	1.2
Benzyl Alcohol		16000	ND(0.70)	ND(0.76)

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05
Semi-volatile Organics (Continues)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.38)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.38)
bis(2-Chloroisopropyl)ether		2.5	ND(0.35)	ND(0.38)
bis(2-Ethylhexyl)phthalate		32	ND(0.34)	0.38
Butylbenzylphthalate		930	ND(0.35)	0.64
Chrysene		56	9.2	2.3
Diallate		7.3	ND(0.70)	ND(0.76)
Dibenzo(a,h)anthracene		0.056	1.1	0.16 J
Dibenzofuran		210	0.84	ND(0.38)
Diethylphthalate		44000	ND(0.35)	ND(0.38)
Dimethylphthalate		100000	ND(0.35)	ND(0.38)
Di-n-Butylphthalate		5500	ND(0.35)	ND(0.38)
Di-n-Octylphthalate		1400	ND(0.35)	ND(0.38)
Diphenylamine		1400	ND(0.35)	ND(0.38)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)
Fluoranthene		2000	19	2.6
Fluorene		1800	1.8	ND(0.38)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.38)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.38)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.38) J
Hexachloroethane		32	ND(0.35)	ND(0.38)
Hexachloropropene		16	ND(0.70) J	ND(0.76) J
Hexachloropropene		Not Listed	ND(0.35) J	ND(0.38)
Indenol(1,2,3-cd)pyrene		0.56	4.2	0.71
Isodrin		Not Listed	ND(0.35)	ND(0.38)
Isophorone		470	ND(0.35)	ND(0.38)
Isosafrole		Not Listed	ND(0.70)	ND(0.76) J
Methacrylene		55	ND(0.70)	ND(0.76)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.38)
Naphthalene		55	1.2	ND(0.38)
Nitrobenzene		16	ND(0.35)	ND(0.38)
N-Nitrosodimethylamine		0.003	ND(0.35)	ND(0.38)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.38)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.76)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.38)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.38)
N-Nitrosomethylmethylaniline		0.02	ND(0.70)	ND(0.76)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.38)
N-Nitrosopyrrolidine		0.21	ND(0.35)	ND(0.38)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.76)
o,o'-Triethylphosphorothioate		11	ND(0.35) J	ND(0.38)
o-Toluidine		1.9	ND(0.35)	ND(0.38)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.38)
Pentachlorobenzene		44	ND(0.35) J	ND(0.38)
Pentachloroethane		2.8	ND(0.35)	ND(0.38)
Pentachloronitrobenzene		1.7	ND(0.70)	ND(0.76)
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)
Phenacetin		640	ND(0.70)	ND(0.76)
Phenanthrene		55	13	0.80
Phenol		33000	ND(0.35)	ND(0.38)
Pronamide		4100	ND(0.35)	ND(0.38)
Pyrene		1500	23	3.2
Safrole		55	ND(0.35)	ND(0.38)
Safrole		Not Listed	ND(0.35)	ND(0.38) J
Thionazin		330	ND(0.35)	ND(0.38)

**TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.000016 Y	NA
TCDFs (total)		Not Applicable	0.00014	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.000015) X	NA
2,3,4,7,8-PeCDF		Not Applicable	0.000014	NA
PeCDFs (total)		Not Applicable	0.000028	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.000201	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.000015	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000097)	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.000013	NA
HxCDFs (total)		Not Applicable	0.000048	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00010	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000085	NA
HpCDFs (total)		Not Applicable	0.00012	NA
OCDF		Not Applicable	0.00025	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000055) J	NA
TCDDs (total)		Not Applicable	ND(0.00000055) J	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000011)	NA
PeCDDs (total)		Not Applicable	ND(0.0000011)	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000011)	NA
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000046	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000035	NA
HxCDDs (total)		Not Applicable	0.0000081	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000019	NA
HpCDDs (total)		Not Applicable	0.000041	NA
OCDD		Not Applicable	0.00010	NA
Total TEQs (WHO TEQs)		Not Applicable	0.000035	NA
Inorganics				
Antimony		30	ND(6.00)	NA
Arsenic		0.38	4.60	NA
Barium		5200	30.0	NA
Beryllium		150	0.140 B	NA
Cadmium		37	0.430 B	NA
Chromium		210	6.00	NA
Cobalt		3300	5.50	NA
Copper		2800	20.0	NA
Cyanide		11	0.0940 B	NA
Lead		400	67.0	NA
Mercury		22	1.50	NA
Nickel		1500	9.40	NA
Selenium		370	ND(1.00) J	NA
Silver		370	ND(1.00)	NA
Sulfide		350	6.60	NA
Thallium		6	ND(1.00) J	NA
Tin		45000	ND(10.0)	NA
Vanadium		520	5.40	NA
Zinc		22000	55.0	NA

TABLE E-75
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-32 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-76
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-9-32

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatle Organics	0.055	1,400	No
Semivolatile Organics			
2-Methylnaphthalene	1.2	55*	No
Acenaphthene	1.5	2,600	No
Acenaphthylene	3.8	55*	No
Aniline	0.22	78	No
Anthracene	3.6	14,000	No
Benzof(a)anthracene	8.4	0.56	Yes
Benzo(a)pyrene	8.3	0.056	Yes
Benzof(b)fluoranthene	5.7	0.56	Yes
Benzof(g,h,i)perylene	5.4	55*	No
Benzof(k)fluoranthene	7.5	5.6	Yes
Bis(2-Ethylhexyl)phthalate	0.38	32	No
Butylbenzylphthalate	0.64	930	No
Chrysene	9.2	56	No
Dibenzof(a,h)anthracene	1.1	0.056	Yes
Dibenzofuran	0.84	210	No
Fluoranthene	19	2,000	No
Fluorene	1.8	1,800	No
Indeno(1,2,3-cd)pyrene	4.2	0.56	Yes
Naphthalene	1.2	55	No
Phenanthrene	13	55*	No
Pyrene	23	1,500	No
Inorganics			
Arsenic	6.6	0.38	Yes
Barium	56	5,200	No
Beryllium	0.24	150	No
Cadmium	8.8	37	No
Chromium	30	210	No
Cobalt	6.9	3,300	No
Copper	220	2,800	No
Cyanide	0.71	11*	No
Lead	240	400	No
Mercury	1.5	22	No
Nickel	46	1,500	No
Silver	4.3	370	No
Sulfide	1,400	350*	Yes
Tin	41	45,000	No
Vanadium	14	520	No
Zinc	310	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-77
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-32: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-3 0-1 07/07/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semi-volatile Organics						
Benz(a)anthracene	0.23	0.17	N/A (See Note 5)	0.20	7	No
Benz(a)pyrene	0.23	0.17	N/A (See Note 5)	0.20	2	No
Benz(b)fluoranthene	0.23	0.17	N/A (See Note 5)	0.20	7	No
Benz(k)fluoranthene	0.23	0.17	N/A (See Note 5)	0.20	70	No
Dibenz(a,h)anthracene	0.23	0.17	N/A (See Note 5)	0.20	0.7	No
Indeno(1,2,3-cd)pyrene	R	0.17	N/A (See Note 5)	0.17	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	7.10E-06	4.70E-06	7.10E-06	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.30	5.00	N/A (See Note 5)	4.15	20	No
Sulfide	1,400	12.0	N/A (See Note 5)	706	633*	(See Note 8)

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- R = Rejected result.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- As presented in GE's April 4, 2006 memo to EPA, Re: *RD/RA Evaluations of Sulfide Detected in Soils*, GE, MDEP, and EPA have agreed to the following approach in regards to sulfide detected in soils: In cases where sulfide is the only constituent that results in an exceedance of the applicable performance criteria, either under current conditions or after the anticipated performance of remediation, sulfide will be excluded from further RD/RA evaluations and a conclusion will be made that acceptable conditions exist or will be achieved.

TABLE E-78
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-32: 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-3 0-1 07/07/03	19-9-32-SB-2 1-3 (See Note 1)	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05	19-9-32-SB-3-W 1-3 10/11/05
Semivolatile Organics						
Benzol(a)anthracene	0.23	0.17	0.44	8.4	1.6	0.37
Benzol(a)pyrene	0.23	0.17	0.37	8.3	1.5	0.37
Benzol(b)fluoranthene	0.23	0.17	0.34	5.7	1.1	0.37
Benzol(k)fluoranthene	0.23	0.17	0.41	7.5	1.2	0.37
Dibenzol(a,h)anthracene	0.23	0.17	0.27	1.1	0.16	0.37
Indeno(1,2,3-cd)pyrene	R	0.17	0.23	4.2	0.71	0.37
Dioxins/Furans						
Total TEQs (WHO TEQs)	7.10E-06	4.70E-06	5.50E-04	3.50E-05	--	--
Inorganics						
Arsenic	3.30	5.00	6.60	4.60	--	--
Sulfide	1,400	12.0	640	6.60	--	--
Sample ID: Sample Depth(Feet): Date Collected:	COMP-19-9-32-SB-3 1-3 (See Note 2)	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)	
Semivolatile Organics						
Benzol(a)anthracene	3.5	N/A (See Note 7)	1.1	7	No	
Benzol(a)pyrene	3.4	N/A (See Note 7)	1.0	2	No	
Benzol(b)fluoranthene	2.4	N/A (See Note 7)	0.78	7	No	
Benzol(k)fluoranthene	3.0	N/A (See Note 7)	0.96	70	No	
Dibenzol(a,h)anthracene	0.54	N/A (See Note 7)	0.30	0.7	No	
Indeno(1,2,3-cd)pyrene	1.8	N/A (See Note 7)	0.72	7	No	
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	5.50E-04	N/A (See Note 7)	1.00E-03	No	
Inorganics						
Arsenic	--	N/A (See Note 7)	4.88	20	No	
Sulfide	--	N/A (See Note 7)	515	633*	No	

Notes:

- Sample 19-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than Indeno(1,2,3-cd)pyrene were collected on 2/13/2004, the result for Indeno(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003.
- The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
19-9-32-SB-3-E (1-3; 10/25/05), 19-9-32-SB-3-W (1-3; 10/11/05), and 19-9-32-SB-3 (1-3; 7/7/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- R = Rejected result.
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-32-SB-2 1-3 (See Note 1)	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05	19-9-32-SB-3-W 1-3 10/1/05	COMP-19-9-32-SB-3 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.44	8.4	1.6	0.37	3.5
Benzo(a)pyrene	0.37	8.3	1.5	0.37	3.4
Benzo(b)fluoranthene	0.34	5.7	1.1	0.37	2.4
Benzo(k)fluoranthene	0.41	7.5	1.2	0.37	3.0
Dibenzo(a,h)anthracene	0.27	1.1	0.16	0.37	0.54
Indeno(1,2,3-cd)pyrene	0.23	4.2	0.71	0.37	1.8
Dioxins/Furans					
Total TEQs (WHO TEQs)	5.50E-04	3.50E-05	--	--	--
Inorganics					
Arsenic	6.60	4.60	--	--	--
Sulfide	640	6.60	--	--	--
Semivolatile Organics					
Benzo(a)anthracene	N/A (See Note 7)	1.9	7	No	
Benzo(a)pyrene	N/A (See Note 7)	1.9	2	No	
Benzo(b)fluoranthene	N/A (See Note 7)	1.4	7	No	
Benzo(k)fluoranthene	N/A (See Note 7)	1.7	70	No	
Dibenzo(a,h)anthracene	N/A (See Note 7)	0.41	0.7	No	
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	1.0	7	No	
Dioxins/Furans					
Total TEQs (WHO TEQs)	5.50E-04	N/A (See Note 7)	1.50E-03	No	
Inorganics					
Arsenic	N/A (See Note 7)	5.60	20	No	
Sulfide	N/A (See Note 7)	323	633*	No	

Notes:

- Sample 19-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than indeno(1,2,3-cd)pyrene were collected on 2/13/2004, the result for indeno(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003. The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
- 19-9-32-SB-3-E (1-3'; 10/25/05), 19-9-32-SB-3-W (1-3'; 10/1/05), and 19-9-32-SB-3 (1-3'; 7/7/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-80
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-32: 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-32-SB-2 0-1 07/07/03	19-9-32-SB-3 0-1 07/07/03	19-9-32-SB-2 1-3 (See Note 1)	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05	19-9-32-SB-3-W 1-3 10/11/05
Semivolatile Organics						
Benzol(a)anthracene	0.23	0.17	0.44	0.198	1.6	0.37
Benzol(a)pyrene	0.23	0.17	0.37	0.198	1.5	0.37
Benzol(b)fluoranthene	0.23	0.17	0.34	0.198	1.1	0.37
Benzol(k)fluoranthene	0.23	0.17	0.41	0.198	1.2	0.37
Dibenzol(a,h)anthracene	0.23	0.17	0.27	0.256	0.16	0.37
Indenol(1,2,3-cd)pyrene	R	0.17	0.23	0.256	0.71	0.37
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.10E-06	4.70E-06	5.50E-04	3.50E-05	--	--
Inorganics						
Arsenic	3.30	5.00	6.60	4.60	--	--
Sulfide	1.400	12.0	640	6.60	--	--
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	COMF-19-9-32-SB-3 1-3 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)	
Benzol(a)anthracene	0.72	N/A (See Note 7)	0.39	7	No	
Benzol(a)pyrene	0.69	N/A (See Note 7)	0.36	2	No	
Benzol(b)fluoranthene	0.56	N/A (See Note 7)	0.32	7	No	
Benzol(k)fluoranthene	0.59	N/A (See Note 7)	0.35	70	No	
Dibenzol(a,h)anthracene	0.26	N/A (See Note 7)	0.23	0.7	No	
Indenol(1,2,3-cd)pyrene	0.45	N/A (See Note 7)	0.28	7	No	
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	5.50E-04	N/A (See Note 7)	1.00E-03	No	
Inorganics						
Arsenic	--	N/A (See Note 7)	4.88	20	No	
Sulfide	--	N/A (See Note 7)	515	633*	No	

Notes:

- Sample 19-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than indenol(1,2,3-cd)pyrene were collected on 2/13/2004, the result for indenol(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected):
 19-9-32-SB-3-E (1'-3'; 10/25/05), 19-9-32-SB-3-W (1'-3'; 10/11/05), and 19-9-32-SB-3 (1'-3'; 7/7/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- R = Rejected result.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-81
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-32: 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-32-SB-2 1-3 (See Note 1)	19-9-32-SB-3 1-3 07/07/03	19-9-32-SB-3-E 1-3 10/25/05	19-9-32-SB-3-W 1-3 10/11/05	COMP-19-9-32-SB-3 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.44	0.198	1.6	0.37	0.72
Benzo(a)pyrene	0.37	0.198	1.5	0.37	0.69
Benzo(b)fluoranthene	0.34	0.198	1.1	0.37	0.56
Benzo(k)fluoranthene	0.41	0.198	1.2	0.37	0.59
Dibenzof(a,h)anthracene	0.27	0.256	0.16	0.37	0.26
Indeno(1,2,3-cd)pyrene	0.23	0.256	0.71	0.37	0.45
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.50E-04	3.50E-05	--	--	--
Inorganics					
Arsenic	6.60	4.60	--	--	--
Sulfide	640	6.60	--	--	--
Semivolatile Organics					
	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)	
Benzo(a)anthracene	N/A (See Note 7)	0.58	7	No	
Benzo(a)pyrene	N/A (See Note 7)	0.53	2	No	
Benzo(b)fluoranthene	N/A (See Note 7)	0.45	7	No	
Benzo(k)fluoranthene	N/A (See Note 7)	0.50	70	No	
Dibenzof(a,h)anthracene	N/A (See Note 7)	0.27	0.7	No	
Indeno(1,2,3-cd)pyrene	N/A (See Note 7)	0.34	7	No	
Dioxins/Furans					
Total TEQs (WHO TEFs)	5.50E-04	N/A (See Note 7)	1.50E-03	No	
Inorganics					
Arsenic	N/A (See Note 7)	5.60	20	No	
Sulfide	N/A (See Note 7)	323	633*	No	

Notes:

1. Sample 19-9-32-SB-2 presents results from two sampling events. The results presented for the semivolatile organics other than indeno(1,2,3-cd)pyrene were collected on 2/13/2004, the result for indeno(1,2,3-cd)pyrene represents the average result from samples collected on 7/7/2003 and 2/13/2004, and Total TEQs, arsenic, and sulfide were collected on 7/7/2003.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
 19-9-32-SB-3-E (1-3'; 10/25/05), 19-9-32-SB-3-W (1-3'; 10/11/05), and 19-9-32-SB-3 (1-3'; 7/7/03).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
5. Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Slices Backfill Data Set.
9. -- = Constituent not subject to analysis.
10. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS BBL

Parcel 19-9-33 (bank)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-2		19-9-33-SB-5	
			0-1 07/08/03	1-3 07/08/03	0-1 07/08/03	1-3 07/08/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethene		0.052	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane		0.0049	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
1,4-Dioxane		40	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone		6900	ND(0.10)	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
2-Hexanone		750	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.11)
3-Chloropropene		2700	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone		750	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.11)
Acetone		1400	ND(0.10)	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acetonitrile		200	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Benzene		0.62	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Bromoforn		56	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Bromomethane		3.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Carbon Disulfide		350	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chlorobenzene		54	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloroethane		1600	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloroform		0.24	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Chloromethane		1.2	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dibromomethane		550	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Ethylbenzene		230	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Iodomethane		1.2	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Isobutanol		10000	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Methyl Methacrylate		2200	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Propionitrile		200	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.11)
Styrene		1700	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Tetrachloroethene		4.7	ND(0.0052) J	ND(0.0055) J	ND(0.0054) J	ND(0.0053) J
Toluene		520	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Trichloroethene		2.7	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Vinyl Acetate		420	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)
Xylenes (total)		210	ND(0.0052)	ND(0.0055)	ND(0.0054)	ND(0.0053)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-2 0-1 07/08/03	19-9-33-SB-2 1-3 07/08/03	19-9-33-SB-5 0-1 07/08/03	19-9-33-SB-5 1-3 07/08/03
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2,3,4,6-Tetrachlorophenol		1600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,5-Trichlorophenol		5500	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dichlorotoluene		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Chloronaphthalene		3700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(0.35)	ND(0.36)	ND(0.36)	0.12 J
2-Methylphenol		2700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
2-Picoline		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3,3-Dichlorobenzidine		0.99	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3,3-Dimethylbenzidine		0.048	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Aminobiphenyl		1400	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2700	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
4-Nitrophenol		3400	ND(1.8) J	ND(1.9) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
4-Phenylendiamine		10000	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Acenaphthene		2600	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Acenaphthylene		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Acetophenone		0.49	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Aniline		78	ND(0.35)	0.089 J	0.27 J	0.24 J
Anthracene		14000	ND(0.35)	0.14 J	0.10 J	0.12 J
Aranite		18	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Benzidine		0.0019	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Benzol(a)anthracene		0.56	0.14 J	0.35 J	0.35 J	0.45
Benzol(a)pyrene		0.056	0.20 J	0.27 J	0.36 J	0.49
Benzol(b)fluoranthene		0.56	0.13 J	0.27 J	0.33 J	0.35 J
Benzol(g,h,i)perylene		55	0.17 J	0.20 J	0.68	1.3
Benzol(k)fluoranthene		5.6	0.088 J	0.21 J	0.28 J	0.19 J
Benzyl Alcohol		16000	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-2 0-1 07/08/03	19-9-33-SB-2 1-3 07/08/03	19-9-33-SB-5 0-1 07/08/03	19-9-33-SB-5 1-3 07/08/03
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
bis(2-Ethylhexyl)phthalate		32	ND(0.34)	ND(0.36)	ND(0.35)	ND(0.35)
Butylbenzylphthalate		930	ND(0.35)	0.53	9.6	1.7
Chrysene		56	0.19 J	0.37	0.40	0.55
Diallate		7.3	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Dibenzof(a,h)anthracene		0.056	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Dibenzofuran		210	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Diethylphthalate		44000	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Dimethylphthalate		100000	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5500	ND(0.35)	ND(0.36)	0.11 J	ND(0.36)
Di-n-Octylphthalate		1100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Diphenylamine		1400	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Fluoranthene		2000	0.31 J	0.90	0.78	0.80
Fluorene		1800	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(0.70) J	ND(0.73) J	ND(0.72) J	ND(0.71) J
Hexachloropropene		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Indeno(1,2,3-cd)pyrene		0.56	0.10 J	0.18 J	0.27 J	0.32 J
Isodrin		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Isophorone		470	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Methapyrene		55	ND(0.70)	ND(0.71)	ND(0.72)	ND(0.71)
Methyl Methanesulfonate		Not Listed	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Naphthalene		55	ND(0.35)	ND(0.36)	ND(0.36)	0.11 J
Nitrobenzene		16	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.003	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
N-Nitroso-di-n-propylamine		0.063	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
N-Nitrosomorpholine		0.21	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
o,o,c'-Triethylphosphorothioate		11	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
o-Toluidine		1.9	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Pentachlorobenzene		44	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pentachloroethane		2.8	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
Phenacetin		640	ND(0.70)	ND(0.73)	ND(0.72)	ND(0.71)
Phenanthrene		55	0.13 J	0.56	0.33 J	0.55
Phenol		33000	0.20 J	ND(0.36)	ND(0.36)	ND(0.36)
Pronamide		4100	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Pyrene		1500	0.29 J	0.71	0.66	0.82
Pyridine		55	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)
Safrole		Not Listed	ND(0.35) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
Thiazazin		330	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.36)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-2 0-1 07/08/03	19-9-33-SB-2 1-3 07/08/03	19-9-33-SB-5 0-1 07/08/03	19-9-33-SB-5 1-3 07/08/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.0000010)	0.000026 YE:II	0.000082 YE:II	0.000068 YE:II
TCDFs (total)		Not Applicable	0.000019	0.00032	0.0017	0.0014
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000011)	ND(0.000014) X	0.00011	0.000078
2,3,4,7,8-PeCDF		Not Applicable	ND(0.000038) X	0.000014	0.000099	ND(0.000088) X
PeCDFs (total)		Not Applicable	0.00013	0.00044	0.0022	0.0020
1,2,3,4,7,8-HxCDF		Not Applicable	0.000032 I	0.00012 I	0.0010 I	0.00061 I
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.0000037) X	0.000013	0.000094	0.000087
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000061)	ND(0.0000093)	0.0000030	ND(0.0000054)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000059) X	0.000015	0.000076	0.00010
HxCDFs (total)		Not Applicable	0.00014	0.00045	0.0036	0.0032
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000039	0.000070	0.00035	0.00028
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000077)	0.0000088	ND(0.000023) X	0.000021
HpCDFs (total)		Not Applicable	0.000039	0.000079	0.00035	0.00032
OCDF		Not Applicable	0.00013	0.00027	0.00039	0.00055
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000050) J	ND(0.00000044)	ND(0.00000039) X	ND(0.00000032) X
TCDDs (total)		Not Applicable	ND(0.00000050) J	0.0000037	0.000036	0.000018
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000070)	ND(0.0000012)	0.000023	0.000015
PeCDDs (total)		Not Applicable	ND(0.00000070)	ND(0.0000012)	0.000023	0.000015
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.000018) X	ND(0.0000064)	0.000011	0.0000082
1,2,3,6,7,8-HxCDD		Not Applicable	0.0000049	0.000011	0.000051	0.000032
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000047	0.0000085	0.000031	0.000019
HxCDDs (total)		Not Applicable	0.0000096	0.000020	0.000093	0.000060
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00016	0.00031	0.00010	0.00068
HpCDDs (total)		Not Applicable	0.00024	0.00044	0.00022	0.00014
OCDD		Not Applicable	0.0012	0.0028	0.00037	0.00022
Total TEQs (WHO TEFs)		Not Applicable	0.0000085	0.000032	0.00022	0.00014
Inorganics						
Antimony		30	0.920 B	0.830 B	ND(6.00)	0.870 B
Arsenic		0.38	2.60	3.80	6.40	6.00
Barium		5200	22.0	77.0	37.0	30.0
Beryllium		150	0.140 B	0.150 B	0.150 B	0.160 B
Cadmium		37	0.480 B	0.300 B	0.430 B	0.420 B
Chromium		210	7.80	6.20	6.00	6.10
Cobalt		3300	4.10 B	3.40 B	5.50	4.40 B
Copper		2800	19.0	30.0	28.0	33.0
Cyanide		11	0.130 B	0.210	0.300	0.190
Lead		400	33.0	86.0	380	390
Mercury		22	0.0580 B	0.440	51.0	70.0
Nickel		1500	9.70	8.90	10.0	11.0
Selenium		370	ND(1.00) J	0.630 J	0.690 J	ND(1.00) J
Silver		370	ND(1.00)	0.350 B	ND(1.00)	0.120 B
Sulfide		350	250	650	ND(5.40)	87.0
Thallium		6	ND(1.00) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin		45000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	7.00	7.30	10.0	8.10
Zinc		22000	77.0	130	100	97.0

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-6 0-1 07/08/03	19-9-33-SB-6 1-3 07/08/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0052)	ND(0.0052)
1,1,1-Trichloroethane		680	ND(0.0052)	ND(0.0052)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0052)	ND(0.0052)
1,1,2-Trichloroethane		0.82	ND(0.0052)	ND(0.0052)
1,1-Dichloroethane		570	ND(0.0052)	ND(0.0052)
1,1-Dichloroethene		0.052	ND(0.0052)	ND(0.0052)
1,2,3-Trichloropropane		0.0014	ND(0.0052)	ND(0.0052)
1,2-Dibromo-3-chloropropane		0.0049	ND(0.0052)	ND(0.0052)
1,2-Dichloroethane		0.34	ND(0.0052)	ND(0.0052)
1,2-Dichloropropane		0.34	ND(0.0052)	ND(0.0052)
1,4-Dioxane		40	ND(0.10) J	ND(0.10) J
2-Butanone		6900	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene		3.6	ND(0.0052)	ND(0.0052)
2-Chloroethylvinylether		0.18	ND(0.0052)	ND(0.0052)
2-Hexanone		750	ND(0.010)	ND(0.010)
3-Chloropropene		2700	ND(0.0052)	ND(0.0052)
4-Methyl-2-pentanone		750	ND(0.010)	ND(0.010)
Acetone		1400	ND(0.021)	ND(0.021)
Acetonitrile		200	ND(0.10) J	ND(0.10) J
Acrolein		0.1	ND(0.10) J	ND(0.10) J
Acrylonitrile		0.19	ND(0.0052) J	ND(0.0052) J
Benzene		0.62	ND(0.0052)	ND(0.0052)
Bromodichloromethane		0.98	ND(0.0052)	ND(0.0052)
Bromoform		56	ND(0.0052) J	ND(0.0052) J
Bromomethane		3.8	ND(0.0052)	ND(0.0052)
Carbon Disulfide		350	ND(0.0052)	ND(0.0052)
Carbon Tetrachloride		0.23	ND(0.0052)	ND(0.0052)
Chlorobenzene		54	ND(0.0052)	ND(0.0052)
Chloroethane		1600	ND(0.0052)	ND(0.0052)
Chloroform		0.24	ND(0.0052)	ND(0.0052)
Chloromethane		1.2	ND(0.0052)	ND(0.0052)
cis-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0052)
Dibromochloromethane		5.3	ND(0.0052)	ND(0.0052)
Dibromomethane		550	ND(0.0052)	ND(0.0052)
Dichlorodifluoromethane		94	ND(0.0052)	ND(0.0052)
Ethyl Methacrylate		140	ND(0.0052)	ND(0.0052)
Ethylbenzene		230	ND(0.0052)	ND(0.0052)
Iodomethane		1.2	ND(0.0052) J	ND(0.0052) J
Isobutanol		10000	ND(0.10) J	ND(0.10) J
Methacrylonitrile		1.8	ND(0.0052)	ND(0.0052)
Methyl Methacrylate		2200	ND(0.0052)	ND(0.0052)
Methylene Chloride		8.5	ND(0.0052)	ND(0.0052)
Propionitrile		200	ND(0.010)	ND(0.010)
Styrene		1700	ND(0.0052)	ND(0.0052)
Tetrachloroethene		4.7	ND(0.0052) J	ND(0.0052) J
Toluene		520	ND(0.0052)	ND(0.0052)
trans-1,2-Dichloroethene		62	ND(0.0052)	ND(0.0052)
trans-1,3-Dichloropropene		Not Listed	ND(0.0052)	ND(0.0052)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0052)	ND(0.0052)
Trichloroethene		2.7	ND(0.0052)	ND(0.0052)
Trichlorofluoromethane		380	ND(0.0052)	ND(0.0052)
Vinyl Acetate		420	ND(0.0052)	ND(0.0052)
Vinyl Chloride		0.021	ND(0.0052)	ND(0.0052)
Xylenes (total)		210	ND(0.0052)	ND(0.0052)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-9-33-SB-6 0-1 07/08/03	19-9-33-SB-6 1-3 07/08/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.35)	ND(0.35)
1,2,4-Trichlorobenzene		480	ND(0.35)	ND(0.35)
1,2-Dichlorobenzene		370	ND(0.35)	ND(0.35)
1,2-Diphenylhydrazine		0.56	ND(0.35)	ND(0.35)
1,3,5-Trinitrobenzene		1600	ND(0.35)	ND(0.35)
1,3-Dichlorobenzene		41	ND(0.35)	ND(0.35)
1,3-Dinitrobenzene		5.5	ND(0.70)	ND(0.70)
1,4-Dichlorobenzene		3	ND(0.35)	ND(0.35)
1,4-Naphthoquinone		55	ND(0.70)	ND(0.70)
1-Naphthylamine		Not Listed	ND(0.70)	ND(0.70)
2,3,4,6-Tetrachlorophenol		1600	ND(0.35)	ND(0.35)
2,4,5-Trichlorophenol		5500	ND(0.35)	ND(0.35)
2,4,6-Trichlorophenol		40	ND(0.35)	ND(0.35)
2,4-Dichlorophenol		160	ND(0.35)	ND(0.35)
2,4-Dimethylphenol		1100	ND(0.35)	ND(0.35)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J
2,6-Dinitrotoluene		160	ND(0.35)	ND(0.35)
2,6-Dichlorophenol		160	ND(0.35)	ND(0.35)
2,6-Dinitrotoluene		55	ND(0.35)	ND(0.35)
2-Acetylaminofluorene		0.56	ND(0.70)	ND(0.70)
2-Chloronaphthalene		3700	ND(0.35)	ND(0.35)
2-Chlorophenol		59	ND(0.35)	ND(0.35)
2-Methylnaphthalene		55	ND(0.35)	ND(0.35)
2-Methylphenol		2700	ND(0.35)	ND(0.35)
2-Naphthylamine		Not Listed	ND(0.70)	ND(0.35)
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.70)	ND(0.70)
2-Picoline		55	ND(0.35)	ND(0.35)
3&4-Methylphenol		270	ND(0.70)	ND(0.70)
3,3'-Dichlorobenzidine		0.99	ND(0.70)	ND(0.70)
3,3'-Dimethylbenzidine		0.048	ND(0.35)	ND(0.35)
3-Methylcholanthrene		0.056	ND(0.70)	ND(0.35)
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.35)	ND(0.35)
4-Aminobiphenyl		1400	ND(0.70)	ND(0.70)
4-Bromophenyl-phenylether		160	ND(0.35)	ND(0.35)
4-Chloro-3-Methylphenol		2700	ND(0.35)	ND(0.35)
4-Chloroaniline		220	ND(0.35)	ND(0.35)
4-Chlorobenzilate		1.6	ND(0.70)	ND(0.70)
4-Chlorophenyl-phenylether		Not Listed	ND(0.35)	ND(0.35)
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)
4-Nitrophenol		3400	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.70)	ND(0.70)
4-Phenylenediamine		10000	ND(0.70)	ND(0.70)
5-Nitro-o-toluidine		13	ND(0.70)	ND(0.70)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.70)	ND(0.70)
a,a'-Dimethylphenethylamine		55	ND(0.70)	ND(0.70)
Acenaphthene		2600	ND(0.35)	ND(0.35)
Acenaphthylene		55	ND(0.35)	0.079 J
Acetophenone		0.49	ND(0.35)	ND(0.35)
Aniline		78	0.12 J	0.17 J
Anthracene		14000	ND(0.35)	0.099 J
Aramite		18	ND(0.70)	ND(0.70)
Benizidine		0.0019	ND(0.70)	ND(0.70)
Benzo(a)anthracene		0.56	0.17 J	0.29 J
Benzo(a)pyrene		0.056	0.19 J	0.35 J
Benzo(b)fluoranthene		0.56	0.19 J	0.38
Benzo(g,h,i)perylene		55	0.20 J	0.42
Benzo(k)fluoranthene		5.6	0.16 J	0.20 J
Benzyl Alcohol		16000	ND(0.70)	ND(0.70)

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-6	19-9-33-SB-6
			0-1 07/08/03	1-3 07/08/03
Semi-volatile Organics (continued)				
Bis(2-Chloroethoxy)methane	Not Listed		ND(0.35)	ND(0.35)
Bis(2-Chloroethyl)ether	0.18		ND(0.35) J	ND(0.35) J
Bis(2-Chloroisopropyl)ether	2.5		ND(0.35) J	ND(0.35) J
Bis(2-Ethylhexyl)phthalate	32		0.42	ND(0.34)
Butylbenzylphthalate	930		11	8.9
Chrysene	56		0.22 J	0.40
Diallate	7.3		ND(0.70)	ND(0.70)
Dibenz(a,h)anthracene	0.056		ND(0.35)	ND(0.35)
Dibenzofuran	210		ND(0.35)	ND(0.35)
Diethylphthalate	44000		ND(0.35)	ND(0.35)
Dimethylphthalate	100000		ND(0.35)	ND(0.35)
Di-n-Butylphthalate	5500		ND(0.35)	0.073 J
Di-n-Octylphthalate	1100		ND(0.35)	ND(0.35)
Diphenylamine	1400		ND(0.35)	ND(0.35)
Ethyl Methanesulfonate	Not Listed		ND(0.35)	ND(0.35)
Fluoranthene	2000		0.39	0.60
Fluorene	1800		ND(0.35)	ND(0.35)
Hexachlorobenzene	0.28		ND(0.35)	ND(0.35)
Hexachlorobutadiene	5.7		ND(0.35)	ND(0.35)
Hexachlorocyclopentadiene	380		ND(0.35) J	ND(0.35) J
Hexachloroethane	32		ND(0.35)	ND(0.35)
Hexachloropropane	16		ND(0.70) J	ND(0.70) J
Hexachloropropene	Not Listed		ND(0.35)	ND(0.35)
Indeno(1,2,3-cd)pyrene	0.56		ND(0.35)	0.27 J
Isodrin	Not Listed		ND(0.35)	ND(0.35)
Isophorone	470		ND(0.35)	ND(0.35)
Isosafrole	Not Listed		ND(0.70)	ND(0.70)
Methapylene	55		ND(0.70)	ND(0.70)
Methyl Methanesulfonate	Not Listed		ND(0.35)	ND(0.35)
Nitrobenzene	55		ND(0.35)	ND(0.35)
N-Nitrosodimethylamine	16		ND(0.35)	ND(0.35)
N-Nitrosodimethylamine	0.003		ND(0.35)	ND(0.35)
N-Nitrosodimethylamine	0.0087		ND(0.35)	ND(0.35)
N-Nitroso-di-n-butylamine	0.022		ND(0.70)	ND(0.70)
N-Nitroso-di-n-propylamine	0.063		ND(0.35)	ND(0.35)
N-Nitroso-diphenylamine	91		ND(0.35)	ND(0.35)
N-Nitrosomethylethylamine	0.02		ND(0.70)	ND(0.70)
N-Nitrosomorpholine	0.21		ND(0.35)	ND(0.35)
N-Nitrosopyrrolidine	0.21		ND(0.35)	ND(0.35)
N-Nitrosopyrrolidine	0.21		ND(0.70)	ND(0.70)
o,o,o'-Triethylphosphorothioate	11		ND(0.35)	ND(0.35)
o-Toluidine	1.9		ND(0.35)	ND(0.35)
p-Dimethylaminoazobenzene	0.99		ND(0.70)	ND(0.35)
Pentachlorobenzene	44		ND(0.35)	ND(0.35)
Pentachloroethane	2.8		ND(0.35)	ND(0.35)
Pentachloronitrobenzene	1.7		ND(0.70)	ND(0.70)
Pentachlorophenol	2.5		ND(1.8)	ND(1.8)
Phenacetin	640		ND(0.70)	ND(0.70)
Phenanthrene	55		0.20 J	0.35
Phenol	33000		ND(0.35)	ND(0.35)
Promamide	4100		ND(0.35)	ND(0.35)
Pyrene	1500		0.33 J	0.51
Pyridine	55		ND(0.35)	ND(0.35)
Safrole	Not Listed		ND(0.35) J	ND(0.35) J
Thionazin	330		ND(0.35)	ND(0.35)

**TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-33-SB-6 0-1 07/08/03	19-9-33-SB-6 1-3 07/08/03
Furans				
2,3,7,8-TCDF		Not Applicable	0.000031 YE:J	0.000058 YE:J
TCDFs (total)		Not Applicable	0.00057	0.00072
1,2,3,7,8-PeCDF		Not Applicable	0.000023	ND(0.000041) X
2,3,4,7,8-PeCDF		Not Applicable	0.000035	0.000049
PeCDFs (total)		Not Applicable	0.0021	0.0020
1,2,3,4,7,8-HxCDF		Not Applicable	0.000131	0.000231
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.000034) X	0.000049
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000010)	0.0000048
2,3,4,6,7,8-HxCDF		Not Applicable	0.000035	0.000048
HxCDFs (total)		Not Applicable	0.0012	0.0014
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00070	0.00024
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000084) X	0.000049
HpCDFs (total)		Not Applicable	0.00011	0.00031
OCDF		Not Applicable	0.00016	0.0013
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000049)	ND(0.0000016) X
TCDDs (total)		Not Applicable	0.0000069	0.000018
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000039) X	0.0000050
PeCDDs (total)		Not Applicable	ND(0.0000012)	0.0000050
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000032	0.0000034
1,2,3,6,7,8-HxCDD		Not Applicable	0.000013	0.000011
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000090	0.0000083
HxCDDs (total)		Not Applicable	0.000025	0.000022
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00018	0.000081
HpCDDs (total)		Not Applicable	0.00030	0.00017
OCDD		Not Applicable	0.0012	0.00060
Total TEQs (WHO TEFs)		Not Applicable	0.000048	0.000076
Inorganics				
Antimony		30	ND(6.00)	0.830 B
Arsenic		0.38	4.20	4.40
Barium		5200	38.0	30.0
Beryllium		150	0.170 B	0.140 B
Cadmium		37	0.660	0.530
Chromium		210	9.70	5.70
Cobalt		3300	5.10	4.00 B
Copper		2800	32.0	23.0
Cyanide		11	0.230	0.130
Lead		400	220	130
Mercury		22	3.60	4.50
Nickel		1500	13.0	9.60
Selenium		370	ND(1.00) J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)
Sulfide		350	ND(5.20)	ND(5.20)
Thallium		6	ND(1.00) J	ND(1.00) J
Tin		45000	ND(10.0)	ND(10.0)
Vanadium		520	12.0	11.0
Zinc		22000	110	86.0

TABLE E-82
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-33 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

E - Analyte exceeded calibration range.

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated maximum possible concentration.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-83
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-33

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Semivolatile Organics	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
2-Methylnaphthalene	0.12	55*	No
Acenaphthylene	0.079	55*	No
Aniline	0.27	78	No
Anthracene	0.14	14,000	No
Benzo(a)anthracene	0.45	0.56	No
Benzo(a)pyrene	0.49	0.056	Yes
Benzo(b)fluoranthene	0.38	0.56	No
Benzo(g,h,i)perylene	1.3	55*	No
Benzo(k)fluoranthene	0.28	5.6	No
bis(2-Ethylhexyl)phthalate	0.42	32	No
Butylbenzylphthalate	11	930	No
Chrysene	0.55	56	No
Di-n-Butylphthalate	0.11	5,500	No
Fluoranthene	0.9	2,000	No
Indeno(1,2,3-cd)pyrene	0.32	0.56	No
Naphthalene	0.11	55	No
Phenanthrene	0.56	55*	No
Pyrene	0.2	33,000	No
0.82	0.82	1,500	No
Inorganics			
Antimony	0.92	30	No
Arsenic	6.4	0.38	Yes
Barium	77	5,200	No
Beryllium	0.17	150	No
Cadmium	0.66	37	No
Chromium	9.7	210	No
Cobalt	5.5	3,300	No
Copper	33	2,800	No
Cyanide	0.3	11*	No
Lead	390	400	No
Mercury	70	22	Yes
Nickel	13	1,500	No
Selenium	0.69	370	No
Silver	0.35	370	No
Sulfide	650	350*	Yes
Vanadium	12	520	No
Zinc	130	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-84
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-33: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-33-SB-2 0-1 07/08/03	19-9-33-SB-5 0-1 07/08/03	19-9-33-SB-6 0-1 07/08/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)pyrene	0.20	0.36	0.19	N/A (See Note 5)	0.25	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	8.50E-06	2.20E-04	4.80E-05	2.20E-04	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	2.60	6.40	4.20	N/A (See Note 5)	4.40	20	No
Mercury	0.0580	51.0	3.60	N/A (See Note 5)	18.2	20	No
Sulfide	250	2.70	2.60	N/A (See Note 5)	85.1	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-85

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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TABLE E-86
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-33: 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-33-SB-2 1-3 07/08/03	19-9-33-SB-5 1-3 07/08/03	19-9-33-SB-6 1-3 07/08/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzof(a)pyrene	0.27	0.49	0.35	N/A (See Note 5)	0.37	2	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.20E-05	1.40E-04	7.60E-05	1.40E-04	N/A (See Note 5)	1.50E-03	No
Inorganics							
Arsenic	3.80	6.00	4.40	N/A (See Note 5)	4.73	20	No
Mercury	0.440	70.0	4.50	N/A (See Note 5)	25.0	20	Yes
Sulfide	650	87.0	2.60	N/A (See Note 5)	247	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

ARCADIS BBL

Parcel 19-9-34 (bank)

TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-34 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-34-SB-1-NW 1-3 10/25/05	19-9-34-SB-4 0-1 09/16/03	19-9-34-SB-4 1-3 09/16/03	19-9-34-SB-7 0-1 09/16/03	19-9-34-SB-7 1-3 09/16/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	2.8	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1,1-Trichloroethane	680	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1,2,2-Tetrachloroethane	0.36	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
1,1,2-Trichloroethane	0.82	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1-Dichloroethane	570	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,1-Dichloroethene	0.052	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2,3-Trichloropropane	0.0014	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
1,2-Dibromo-3-chloropropane	0.32	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
1,2-Dibromoethane	0.0049	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2-Dichloroethane	0.34	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,2-Dichloropropane	0.34	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
1,4-Dioxane	40	NA	ND(0.14) J	ND(0.12) J	ND(0.12) J	ND(0.12) J	ND(0.12) J
2-Butanone	6900	NA	ND(0.014)	0.0034 J	0.0035 J	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene	3.6	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
2-Chloroethylvinylether	0.18	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
2-Hexanone	750	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
3-Chloropropene	2700	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
4-Methyl-2-pentanone	750	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Acetone	1400	NA	ND(0.028)	0.035	0.026 J	ND(0.012)	ND(0.023) J
Acetonitrile	200	NA	ND(0.14)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
Acrolein	0.1	NA	ND(0.14) J	ND(0.12) J	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrylonitrile	0.19	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Benzene	0.62	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromodichloromethane	0.98	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromoforn	56	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Bromomethane	3.8	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Carbon Disulfide	350	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Carbon Tetrachloride	0.23	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chlorobenzene	54	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chloroethane	1600	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Chloroform	0.24	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Chloromethane	1.2	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
cis-1,3-Dichloropropene	Not Listed	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dibromochloromethane	5.3	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dibromomethane	550	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Dichlorodifluoromethane	94	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Ethyl Methacrylate	140	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Ethylbenzene	230	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Iodomethane	1.2	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Isobutanol	10000	NA	ND(0.14)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
Methacrylonitrile	1.8	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Methyl Methacrylate	2200	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Methylene Chloride	8.5	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Propionitrile	200	NA	ND(0.014)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Styrene	1700	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Tetrachloroethene	4.7	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Toluene	520	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,2-Dichloroethene	62	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,3-Dichloropropene	Not Listed	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
trans-1,4-Dichloro-2-butene	Not Listed	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Trichloroethene	2.7	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Trichlorofluoromethane	380	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Vinyl Acetate	420	NA	ND(0.0071) J	ND(0.0059) J	ND(0.0059) J	ND(0.0059) J	ND(0.0058) J
Vinyl Chloride	0.021	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)
Xylenes (total)	210	NA	ND(0.0071)	ND(0.0059)	ND(0.0059)	ND(0.0059)	ND(0.0058)

TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-34 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-34-SB-1-NW	19-9-34-SB-4	19-9-34-SB-4	19-9-34-SB-7	19-9-34-SB-7
			1-3 10/25/05	0-1 09/16/03	1-3 09/16/03	0-1 09/16/03	1-3 09/16/03
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,3,5-Trinitrobenzene		1600	ND(0.37) J	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
1,3-Dichlorobenzene		41	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.74)	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
1,4-Dichlorobenzene		3	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
1-Naphthylamine		Not Listed	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2,3,4,6-Tetrachlorophenol		1600	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4,5-Trichlorophenol		5500	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dimethylphenol		1100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,4-Dinitrophenol		110	ND(1.9) J	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
2,4-Dinitrophenol		110	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2,6-Dinitrophenol		55	ND(0.37)	ND(1.6)	ND(0.39) J	ND(0.63) J	ND(0.38) J
2-Acetylaminofluorene		0.56	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Chloronaphthalene		3700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Chlorophenol		59	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Methylnaphthalene		55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Methylphenol		2700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Nitroaniline		3.3	ND(1.9)	ND(8.3) J	ND(2.0) J	ND(3.1) J	ND(2.0) J
2-Nitrophenol		Not Listed	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
2-Picoline		55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
3&4-Methylphenol		270	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
3,3-Dichlorobenzidine		0.99	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
3,3-Dimethylbenzidine		0.048	ND(0.37)	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J
3-Methylcholanthrene		0.056	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
3-Nitroaniline		5.5	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.37) J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Aminobiphenyl		1400	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
4-Bromophenyl-phenylether		160	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chloro-3-Methylphenol		2700	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chloroaniline		220	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
4-Nitroaniline		5.5	ND(1.9)	ND(2.4)	ND(2.0)	ND(2.0)	ND(2.0)
4-Nitrophenol		3400	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)
4-Nitroquinoline-1-oxide		110	ND(0.74) J	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
4-Phenylethylenediamine		10000	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
5-Nitro-o-toluidine		13	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
a,a'-Dimethylphenethylamine		55	ND(0.74) J	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)
Acenaphthene		2600	0.065 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Acenaphthylene		55	0.22 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Acetophenone		0.49	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Aniline		78	ND(0.37)	ND(1.6)	ND(0.39)	0.75	ND(0.38)
Anthracene		14000	0.26 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
Aramite		18	ND(0.74)	ND(1.6) J	ND(0.79) J	ND(0.79) J	ND(0.77) J
Benzidine		0.0019	ND(0.74) J	ND(3.3) J	ND(0.79) J	ND(1.2) J	ND(0.77) J
Benzof(a)anthracene		0.56	2.0	0.52 J	0.10 J	0.39 J	0.41
Benzof(b)pyrene		0.056	1.6	0.68 J	0.11 J	0.47 J	0.43
Benzof(k)fluoranthene		0.56	1.4	0.34 J	0.53 J	0.41 J	0.46
Benzof(g,h,i)perylene		55	0.91	ND(1.6)	0.081 J	0.41 J	0.30 J
Benzof(k)fluoranthene		5.6	1.6	ND(1.6)	ND(0.39)	0.43 J	0.36 J
Benzyl Alcohol		16000	ND(0.74)	ND(3.3)	ND(0.79)	ND(1.2)	ND(0.77)

TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-34 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-34-SB-1-NW	19-9-34-SB-4	19-9-34-SB-4	19-9-34-SB-7	19-9-34-SB-7
			1-3 10/25/05	0-1 09/16/03	1-3 09/16/03	0-1 09/16/03	1-3 09/16/03
Semi-volatile Organics (continued)							
bis(2-Chloroethoxy)methane	Not Listed	Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
bis(2-Chloroethyl)ether	0.18	ND(0.37)	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)
bis(2-Chloroisopropyl)ether	2.5	ND(0.37)	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J	ND(0.38) J
bis(2-Ethylhexyl)phthalate	32	0.44	0.46 J	0.11 J	ND(0.39)	ND(0.38)	ND(0.38)
Butylbenzylphthalate	930	0.33 J	0.51 J	ND(0.39)	0.49 J	ND(0.38)	ND(0.38)
Chrysene	56	2.0	0.65 J	0.11 J	0.58 J	0.47	
Diallate	7.3	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.77)
Dibenzof(a,h)anthracene	0.056	0.19 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Dibenzofuran	210	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Diethylphthalate	44000	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Dimethylphthalate	100000	ND(0.37)	0.35 J	ND(0.39)	0.16 J	ND(0.38)	ND(0.38)
Di-n-Butylphthalate	5500	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Di-n-Octylphthalate	1100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Diphenylamine	1400	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Ethyl Methanesulfonate	Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Fluoranthene	2000	2.9	1.1 J	0.19 J	0.68	0.80	
Fluorene	1800	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Hexachlorobenzene	0.28	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Hexachlorobutadiene	5.7	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Hexachlorocyclopentadiene	380	ND(0.37) J	ND(1.6) J	ND(0.39) J	ND(0.63) J	ND(0.38) J	ND(0.38) J
Hexachloroethane	32	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Hexachlorophene	16	ND(0.74) J	ND(3.1) J	ND(0.79) J	ND(1.2) J	ND(0.77) J	ND(0.77) J
Hexachloropropene	Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.56	0.82	ND(1.6)	ND(0.39)	ND(0.63)	0.31 J	
Isodrin	Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Isophorone	470	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Isoeafrole	55	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
Methapyrene	55	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
Methyl Methanesulfonate	Not Listed	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Naphthalene	55	0.045 J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Nitrobenzene	16	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitrosodifluoramine	0.003	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitrosodimethylamine	0.0087	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitroso-di-n-butylamine	0.022	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
N-Nitroso-di-n-propylamine	0.063	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitrosodiphenylamine	91	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitrosomethylethylamine	0.02	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
N-Nitrosomorpholine	0.21	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
N-Nitrosopyrrolidine	0.21	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
o,o,c'-Triethylphosphorothioate	11	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
o-Toluidine	1.9	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
p-Dimethylaminoazobenzene	0.99	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
Pentachloroethane	44	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Pentachloronitrobenzene	2.8	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Pentachlorophenol	1.7	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
Phenacetin	2.5	ND(1.9)	ND(8.3)	ND(2.0)	ND(3.1)	ND(2.0)	ND(2.0)
Phenanthrene	640	ND(0.74)	ND(1.6)	ND(0.79)	ND(0.79)	ND(0.77)	ND(0.77)
Phenanthrene	55	1.1	0.72 J	0.14 J	0.48 J	0.68	
Phenol	33000	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Pronamide	4100	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Pyrene	1500	2.8	1.3 J	0.23 J	0.82	0.96	
Pyridine	55	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Safrole	Not Listed	ND(0.37) J	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)
Thiozazin	330	ND(0.37)	ND(1.6)	ND(0.39)	ND(0.63)	ND(0.38)	ND(0.38)

TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-34 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-34-SB-1-NW 1-3 10/29/05	19-9-34-SB-4 0-1 09/16/03	19-9-34-SB-4 1-3 09/16/03	19-9-34-SB-7 0-1 09/16/03	19-9-34-SB-7 1-3 09/16/03
Furans							
2,3,7,8-TCDF	Not Applicable	NA	ND(0.0000097) Y	ND(0.0000084) Y	0.00011 Y1	0.000013 Y	
TCDFs (total)	Not Applicable	NA	0.000028	0.000017	0.0025	0.000047	
1,2,3,7,8-PeCDF	Not Applicable	NA	ND(0.0000046) X	ND(0.0000022) X	0.000055	ND(0.0000072) X	
2,3,4,7,8-PeCDF	Not Applicable	NA	ND(0.0000077) X	0.0000038	0.000051	ND(0.0000046) X	
PeCDFs (total)	Not Applicable	NA	0.00018	0.000031	0.0015	0.000016	
1,2,3,4,7,8-HxCDF	Not Applicable	NA	ND(0.000000055)	ND(0.00000030)	ND(0.00000067)	ND(0.00000039)	
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.000054	0.000017	0.000271	0.0000291	
1,2,3,7,8,9-HxCDF	Not Applicable	NA	ND(0.00000023) X	ND(0.00000039)	ND(0.00000088)	ND(0.00000043)	
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.000069	ND(0.0000018) X	0.000023	ND(0.0000021) X	
HxCDFs (total)	Not Applicable	NA	0.00022	0.000044	0.00088	0.000055	
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.000052	0.000013	0.00014	0.000012	
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.0000071	0.0000019	0.000012	ND(0.0000020) X	
HpCDFs (total)	Not Applicable	NA	0.000059	0.000015	0.00016	0.000014	
OCDF	Not Applicable	NA	0.00013	ND(0.0000019) X	0.00012	0.000012	
Dioxins							
2,3,7,8-TCDD	Not Applicable	NA	ND(0.00000048)	ND(0.00000039)	ND(0.000012) X	ND(0.00000039)	
TCDDs (total)	Not Applicable	NA	ND(0.00000048)	ND(0.00000039)	0.000024	ND(0.00000039)	
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.00012) X	ND(0.00000084)	0.000045	ND(0.00000085)	
PeCDDs (total)	Not Applicable	NA	ND(0.000014)	ND(0.00000084)	0.000012	ND(0.00000085)	
1,2,3,4,7,8-HxCDD	Not Applicable	NA	0.000024	ND(0.0000045)	0.000046	ND(0.0000043)	
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.000065	ND(0.00000041)	0.000016	ND(0.00000039)	
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.00000068)	ND(0.00000042)	0.000013	ND(0.00000039)	
HxCDDs (total)	Not Applicable	NA	0.000089	ND(0.00000041)	0.000058	ND(0.00000039)	
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.00014	0.000032	0.00015	0.000071	
HpCDDs (total)	Not Applicable	NA	0.00029	0.000069	0.00027	0.000013	
OCDD	Not Applicable	NA	0.00098	0.00025	0.00093	0.00014	
Total TEQs (WHO TEFs)	Not Applicable	NA	0.000072	0.0000054	0.000086	0.0000066	
Inorganics							
Antimony	30	NA	ND(6.0)	ND(6.00)	ND(6.0)	ND(6.0)	
Arsenic	0.38	NA	7.40	6.00	8.90	7.00	
Barium	5200	NA	70.0	54.0	190	110	
Beryllium	150	NA	0.200 B	0.140 B	0.320 B	0.390 B	
Cadmium	37	NA	0.360 B	0.130 B	1.10	0.210 B	
Chromium	210	NA	13.0	5.80	11.0	7.80	
Cobalt	3300	NA	8.70	7.20	4.30 B	7.30	
Copper	2800	NA	39.0	32.0	50.0	60.0	
Cyanide	11	NA	0.220	0.170	0.380	0.250	
Lead	400	NA	180	100	380	140	
Mercury	22	NA	0.250	0.140	0.980	0.180	
Nickel	1500	NA	16.0	11.0	12.0	13.0	
Selenium	370	NA	1.00 B	1.30	1.30	1.40	
Silver	370	NA	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	
Sulfide	350	NA	26.0	21.0	19.0	33.0	
Thallium	6	NA	ND(1.40)	ND(1.20)	ND(1.20)	ND(1.20)	
Tin	45000	NA	ND(10.0)	ND(10.0)	ND(14.0)	ND(10.0)	
Vanadium	520	NA	18.0	7.20	18.0	13.0	
Zinc	22000	NA	230	94.0	240	200	

TABLE E-87
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-9-34 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

- Notes:**
1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
 3. NA - Not Analyzed.
 4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
 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.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-88
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-34
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.0035	6900	No
	0.035	1400	No
Semivolatile Organics			
Acenaphthene	0.065	2600	No
Acenaphthylene	0.22	55*	No
Aniline	0.75	78	No
Anthracene	0.26	14000	No
Benzo(a)anthracene	2	0.56	Yes
Benzo(a)pyrene	1.6	0.056	Yes
Benzo(b)fluoranthene	1.4	0.56	Yes
Benzo(g,h,i)perylene	0.91	55*	No
Benzo(k)fluoranthene	1.6	5.6	No
bis(2-Ethylhexyl)phthalate	0.46	32	No
Butylbenzylphthalate	0.51	930	No
Chrysene	2	56	No
Dibenzo(a,h)anthracene	0.19	0.056	Yes
Dimethylphthalate	0.35	100000	No
Fluoranthene	2.9	2000	No
Indeno(1,2,3-cd)pyrene	0.82	0.56	Yes
Naphthalene	0.045	55	No
Phenanthrene	1.1	55*	No
Pyrene	2.8	1500	No
Inorganics			
Arsenic	8.9	0.38	Yes
Barium	190	5200	No
Beryllium	0.39	150	No
Cadmium	1.1	37	No
Chromium	13	210	No
Cobalt	8.7	3300	No
Copper	60	2800	No
Cyanide	0.38	11*	No
Lead	380	400	No
Mercury	0.98	22	No
Nickel	16	1500	No
Selenium	1.4	370	No
Sulfide	33	350*	No
Vanadium	18	520	No
Zinc	240	22000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-89
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-34: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-34-SB-4 0-1 09/16/03	19-9-34-SB-7 0-1 09/16/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benz(a)anthracene	0.52	0.39	N/A (See Note 5)	0.46	7	No
Benz(a)pyrene	0.68	0.47	N/A (See Note 5)	0.58	2	No
Benz(b)fluoranthene	0.34	0.53	N/A (See Note 5)	0.44	7	No
Dibenz(a,h)anthracene	0.80	0.32	N/A (See Note 5)	0.56	0.7	No
Indeno(1,2,3-cd)pyrene	0.80	0.32	N/A (See Note 5)	0.56	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	7.20E-05	8.60E-05	8.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	7.40	8.90	N/A (See Note 5)	8.15	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-90
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-34: 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-34-SB-4 0-1 09/16/03	19-9-34-SB-7 0-1 09/16/03	19-9-34-SB-1-NW 1-3 10/25/05	19-9-34-SB-4 1-3 09/16/03	19-9-34-SB-7 1-3 09/16/03
Semivolatile Organics					
Benzof(a)anthracene	0.52	0.39	2.0	0.10	0.41
Benzof(a)pyrene	0.68	0.47	1.6	0.11	0.43
Benzof(b)fluoranthene	0.34	0.53	1.4	0.20	0.46
Dibenzof(a,h)anthracene	0.80	0.32	0.19	0.20	0.19
Indeno(1,2,3-cd)pyrene	0.80	0.32	0.82	0.20	0.31
Dioxins/Furans					
Total TEQs (WHO TEQs)	7.20E-05	8.60E-05	--	5.40E-06	6.60E-06
Inorganics					
Arsenic	7.40	8.90	--	6.00	7.00
Semivolatile Organics					
Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)	
Benzof(a)anthracene	N/A (See Note 5)	0.68	7	No	
Benzof(a)pyrene	N/A (See Note 5)	0.66	2	No	
Benzof(b)fluoranthene	N/A (See Note 5)	0.59	7	No	
Dibenzof(a,h)anthracene	N/A (See Note 5)	0.34	0.7	No	
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.49	7	No	
Dioxins/Furans					
Total TEQs (WHO TEQs)	8.60E-05	N/A (See Note 5)	1.00E-03	No	
Inorganics					
Arsenic	N/A (See Note 5)	7.33	20	No	

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - = Constituent not subject to analysis.

TABLE E-91
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-34: 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-34-SB-1-NW 1-3 10/25/05	19-9-34-SB-4 1-3 09/16/03	19-9-34-SB-7 1-3 09/16/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzol(a)anthracene	2.0	0.10	0.41	N/A (See Note 5)	0.84	7	No
Benzol(a)pyrene	1.6	0.11	0.43	N/A (See Note 5)	0.71	2	No
Benzol(b)fluoranthene	1.4	0.20	0.46	N/A (See Note 5)	0.69	7	No
Dibenzol(a,h)anthracene	0.19	0.20	0.19	N/A (See Note 5)	0.19	0.7	No
Indeno(1,2,3-cd)pyrene	0.82	0.20	0.31	N/A (See Note 5)	0.44	7	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	--	5.40E-06	6.80E-06	6.60E-06	N/A (See Note 5)	1.50E-03	No
Inorganics							
Arsenic	--	6.00	7.00	N/A (See Note 5)	6.50	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

ARCADIS BBL

Parcel 19-9-201 (bank)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2	19-9-11-SB-2	19-9-11-SB-2-E	19-9-11-SB-2-S
			0-1 06/24/03	1-3 06/24/03	1-3 10/11/05	1-3 10/11/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0060)	ND(0.0056)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0060)	ND(0.0056)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0060)	ND(0.0056)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0060)	ND(0.0056)	NA	NA
1,1-Dichloroethane		570	ND(0.0060)	ND(0.0056)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0060)	ND(0.0056)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0060)	ND(0.0056)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0060)	ND(0.0056)	NA	NA
1,4-Dioxane		40	ND(0.12) J	ND(0.11) J	NA	NA
2-Butanone		6900	ND(0.012)	ND(0.011)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0060)	ND(0.0056)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0060)	ND(0.0056)	NA	NA
2-Hexanone		750	ND(0.012)	ND(0.011)	NA	NA
3-Chloropropene		2700	ND(0.0060)	ND(0.0056)	NA	NA
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011)	NA	NA
Acetone		1400	0.015 J	ND(0.022)	NA	NA
Acetonitrile		200	ND(0.12) J	ND(0.11) J	NA	NA
Acrolein		0.1	ND(0.12) J	ND(0.11) J	NA	NA
Acrylonitrile		0.19	ND(0.0060)	ND(0.0056)	NA	NA
Benzene		0.62	ND(0.0060)	ND(0.0056)	NA	NA
Bromodichloromethane		0.98	ND(0.0060)	ND(0.0056)	NA	NA
Bromotom		56	ND(0.0060)	ND(0.0056)	NA	NA
Bromomethane		3.8	ND(0.0060)	ND(0.0056)	NA	NA
Carbon Disulfide		350	ND(0.0060)	ND(0.0056)	NA	NA
Carbon Tetrachloride		0.23	ND(0.0060)	ND(0.0056)	NA	NA
Chlorobenzene		54	ND(0.0060)	ND(0.0056)	NA	NA
Chloroethane		1600	ND(0.0060)	ND(0.0056)	NA	NA
Chloroform		0.24	ND(0.0060)	ND(0.0056)	NA	NA
Chloromethane		1.2	ND(0.0060)	ND(0.0056)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
Dibromochloromethane		5.3	ND(0.0060)	ND(0.0056)	NA	NA
Dibromomethane		550	ND(0.0060)	ND(0.0056)	NA	NA
Dichlorodifluoromethane		94	ND(0.0060)	ND(0.0056)	NA	NA
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0056)	NA	NA
Ethylbenzene		230	ND(0.0060)	ND(0.0056)	NA	NA
Iodomethane		1.2	ND(0.0060) J	ND(0.0056) J	NA	NA
Isobutanol		10000	ND(0.12) J	ND(0.11) J	NA	NA
Methacrylonitrile		1.8	ND(0.0060)	ND(0.0056)	NA	NA
Methyl Methacrylate		2200	ND(0.0060)	ND(0.0056)	NA	NA
Methylene Chloride		8.5	ND(0.0060)	ND(0.0056)	NA	NA
Propionitrile		200	ND(0.012)	ND(0.011)	NA	NA
Styrene		1700	ND(0.0060)	ND(0.0056)	NA	NA
Tetrachloroethene		4.7	ND(0.0060)	ND(0.0056)	NA	NA
Toluene		520	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0056)	NA	NA
Trichloroethane		2.7	ND(0.0060)	ND(0.0056)	NA	NA
Trichlorofluoromethane		380	ND(0.0060)	ND(0.0056)	NA	NA
Vinyl Acetate		420	ND(0.0060)	ND(0.0056)	NA	NA
Vinyl Chloride		0.021	ND(0.0060)	ND(0.0056)	NA	NA
Xylenes (total)		210	ND(0.0060)	ND(0.0056)	NA	NA

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2 0-1 06/24/03	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05	19-9-11-SB-2-S 1-3 10/11/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,3,5-Trinitrobenzene		1600	ND(0.40) J	ND(0.37) J	ND(3.9) J	ND(0.37) J
1,3-Dichlorobenzene		41	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1,4-Dichlorobenzene		5.5	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
1,4-Naphthoquinone		3	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
1-Naphthylamine		55	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
2,3,4,6-Tetrachlorophenol		Not Listed	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
2,4,5-Trichlorophenol		1600	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37) J
2,4,6-Trichlorophenol		5500	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,4-Dimethylphenol		1100	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
2,4-Dinitrophenol		110	ND(2.0) J	ND(1.9) J	ND(19) J	ND(1.9)
2,4-Dinitrotoluene		110	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
2-Chloronaphthalene		3700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Chlorophenol		59	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Methylnaphthalene		55	0.094 J	2.0	ND(3.9)	0.099 J
2-Methylphenol		2700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
2-Nitroaniline		3.3	ND(2.0)	ND(1.9)	ND(19) J	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
2-Picoline		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
3,8,4-Methylphenol		270	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
3,3-Dichlorobenzidine		0.99	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
3,3-Dimethylbenzidine		0.048	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
3-Methylcholanthrene		0.056	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
3-Nitroaniline		5.5	ND(2.0)	ND(1.9)	ND(19)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Aminobiphenyl		1400	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
4-Bromophenyl-phenylether		160	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chloro-3-Methylphenol		2700	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chloroaniline		220	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
4-Chlorophenyl-phenylether		Not Listed	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
4-Nitroaniline		5.5	ND(2.0)	ND(1.9)	ND(3.9)	ND(1.9)
4-Nitrophenol		3400	ND(2.0) J	ND(1.9) J	ND(19)	ND(1.9)
4-Nitroquinoline-1-oxide		110	ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
4-Phenylenediamine		10000	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
5-Nitro-o-toluidine		13	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
a.a-Dimethylphenethylamine		55	ND(0.80) J	ND(0.75) J	ND(3.9) J	ND(0.74) J
Acenaphthene		2600	0.35 J	11	0.82 J	0.37
Acenaphthylene		55	ND(0.40)	0.32 J	ND(3.9)	0.13 J
Acetophenone		0.49	ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Aniline		78	ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
Anthracene		14000	0.57	22	3.1 J	0.74
Aramid		18	ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74) J
Benzidine		0.0019	ND(0.80)	ND(0.75)	ND(7.8) J	ND(0.74) J
Benzof(a)anthracene		0.56	0.78	42	5.6	1.9
Benzof(a)pyrene		0.056	0.52	32	4.0	1.3
Benzof(b)fluoranthene		0.56	0.51	32	3.3 J	1.0
Benzof(g,h,i)perylene		55	0.26 J	18	1.8 J	0.63
Benzof(k)fluoranthene		5.6	0.45	29	3.6 J	1.0
Benzyl Alcohol		16000	ND(0.80)	ND(0.75)	ND(7.8)	ND(0.74)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2	19-9-11-SB-2	19-9-11-SB-2-E	19-9-11-SB-2-S
			0-1 06/24/03	1-3 06/24/03	1-3 10/11/05	1-3 10/11/05
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane	Not Listed		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
bis(2-Chloroethyl)ether	0.18		ND(0.40) J	ND(0.37) J	ND(3.9)	ND(0.37)
bis(2-Chloroisopropyl)ether	2.5		ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
bis(2-Ethylhexyl)phthalate	32		ND(0.40)	ND(0.37)	ND(1.9)	ND(0.36)
Butylbenzylphthalate	930		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Chrysene	56		0.83	40	5.4	1.9
Diallate	7.3		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Dibenzofuran	0.056		ND(0.40)	4.7	0.52 J	ND(0.37)
Dibenzofuran	210		0.22 J	6.0	0.61 J	0.20 J
Diethylphthalate	44000		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Dimethylphthalate	100000		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
D-n-Butylphthalate	5500		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
D-n-Octylphthalate	1100		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Diphenylamine	1400		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Ethyl Methanesulfonate	Not Listed		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Fluoranthene	2000		2.8	110	12	3.4
Fluorene	1800		0.31 J	11	0.98 J	0.31 J
Hexachlorobenzene	0.28		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorobutadiene	5.7		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorocyclopentadiene	380		ND(0.40) J	ND(0.37) J	ND(3.9) J	ND(0.37) J
Hexachloroethane	32		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Hexachlorophene	16		ND(0.80) J	ND(0.75) J	ND(7.9) J	ND(0.74) J
Hexachloropropene	Not Listed		ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37)
Indenol(1,2,3-cd)pyrene	0.56		0.22 J	15	1.7 J	0.56
Isodrin	Not Listed		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Isophorone	470		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Isosafrole	Not Listed		ND(0.80)	ND(0.75)	ND(3.9) J	ND(0.74) J
Methapyrene	55		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74) J
Methyl Methanesulfonate	Not Listed		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Naphthalene	55		0.19 J	4.2	ND(3.9)	0.32 J
Nitrobenzene	16		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodimethylamine	0.003		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodimethylamine	0.0087		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitroso-di-n-butylamine	0.022		ND(0.80) J	ND(0.75) J	ND(3.9)	ND(0.74)
N-Nitroso-di-n-propylamine	0.063		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodiphenylamine	91		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosodiphenylamine	0.02		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
N-Nitrosomorpholine	0.21		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosopiperidine	0.21		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
N-Nitrosopyrrolidine	0.21		ND(0.80) J	ND(0.75) J	ND(3.9)	ND(0.74)
o,o,c-Triethylphosphorothioate	11		ND(0.40) J	ND(0.37) J	ND(3.9)	ND(0.37)
o-Tolidine	1.9		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
p-Dimethylaminoazobenzene	0.99		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Pentachlorobenzene	44		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pentachloroethane	2.8		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pentachloronitrobenzene	1.7		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Pentachlorophenol	2.5		ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
Phenacetin	640		ND(0.80)	ND(0.75)	ND(3.9)	ND(0.74)
Phenanthrene	55		2.8	90	10	2.8
Phenol	33000		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Propamide	4100		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Pyrene	1500		2.3	86	12	3.6
Pyridine	55		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)
Safrole	Not Listed		ND(0.40)	ND(0.37)	ND(3.9) J	ND(0.37) J
Thionazin	330		ND(0.40)	ND(0.37)	ND(3.9)	ND(0.37)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2 0-1 06/24/03	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05	19-9-11-SB-2-S 1-3 10/11/05
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000030) Y	ND(0.000021) Y	NA	NA
TCDFs (total)		Not Applicable	0.000037	0.000028	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	ND(0.000023)	ND(0.000016)	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	0.0000053	ND(0.000017)	NA	NA
PeCDFs (total)		Not Applicable	0.000014	0.000024	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000321	0.0000271	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000043	0.0000045	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000016)	ND(0.0000019)	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000034	0.0000034	NA	NA
HxCDFs (total)		Not Applicable	0.00010	0.00010	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000054	ND(0.000073) X	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000095	0.0000074	NA	NA
HpCDFs (total)		Not Applicable	0.000069	0.0000074	NA	NA
OCDF		Not Applicable	0.00031	0.00023	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.000015)	ND(0.000013)	NA	NA
TCDDs (total)		Not Applicable	ND(0.000015)	ND(0.000013)	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000032)	ND(0.000024)	NA	NA
PeCDDs (total)		Not Applicable	ND(0.000032)	ND(0.000024)	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.000017)	ND(0.000015)	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000015)	ND(0.000015)	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000038	ND(0.000015)	NA	NA
HxCDDs (total)		Not Applicable	0.0000081	ND(0.0000092)	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00014	0.00018	NA	NA
HpCDDs (total)		Not Applicable	0.00064	0.00098	NA	NA
OCDD		Not Applicable	0.00013	0.000087	NA	NA
Total TEQs (WHO TEFs)						
Inorganics						
Antimony		30	1.00 B	ND(6.00)	NA	NA
Arsenic		0.38	24.0	8.50	NA	NA
Barium		5200	80.0	89.0	NA	NA
Beryllium		150	ND(0.500)	ND(0.500)	NA	NA
Cadmium		37	0.960 J	0.550 J	NA	NA
Chromium		210	30.0 J	11.0 J	NA	NA
Cobalt		3300	5.80	6.10	NA	NA
Copper		2800	55.0	36.0	NA	NA
Cyanide		11	0.200	0.110 B	NA	NA
Lead		400	1000 J	300 J	NA	NA
Mercury		22	0.280	0.140	NA	NA
Nickel		1500	11.0	12.0	NA	NA
Selenium		370	0.930 J	ND(1.00) J	NA	NA
Silver		370	0.320 J	0.160 J	NA	NA
Sulfide		350	19.0 J	23.0 J	NA	NA
Thallium		6	ND(1.20)	ND(1.10)	NA	NA
Tin		45000	9.20 B	13.0	NA	NA
Vanadium		520	9.20	8.50	NA	NA
Zinc		22000	490	160	NA	NA

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2-W	19-9-11-SB-5	19-9-11-SB-5
			1-3 10/11/05	0-1 06/24/03	1-3 06/24/03
Volatile Organics					
1,1,1,2-tetrachloroethane		2.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,1-Trichloroethane		680	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,2,2-tetrachloroethane		0.36	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1,2-Trichloroethane		0.82	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1-Dichloroethane		570	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,1-Dichloroethene		0.052	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2,3-Trichloropropane		0.0014	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dibromoethane		0.0049	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dichloroethane		0.34	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,2-Dichloropropane		0.34	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
1,4-Dioxane		40	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
2-Butanone		6900	NA	ND(0.011)	ND(0.011) [ND(0.011)]
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
2-Chloroethylvinylether		0.18	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
2-Hexanone		750	NA	ND(0.011)	ND(0.011) [ND(0.011)]
3-Chloropropene		2700	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
4-Methyl-2-pentanone		750	NA	ND(0.011)	ND(0.011) [ND(0.011)]
Acetone		1400	NA	ND(0.023)	ND(0.023) [ND(0.022)]
Acetonitrile		200	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Acrolein		0.1	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Acrylonitrile		0.19	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Benzene		0.62	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromodichloromethane		0.98	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromofom		56	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Bromomethane		3.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Carbon Disulfide		350	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Carbon Tetrachloride		0.23	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chlorobenzene		54	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloroethane		1600	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloroform		0.24	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Chloromethane		1.2	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dibromochloromethane		5.3	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dibromomethane		550	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Dichlorodifluoromethane		94	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Ethyl Methacrylate		140	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Ethylbenzene		230	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Iodomethane		1.2	NA	ND(0.0057) J	ND(0.0057) J [ND(0.0056) J]
Isobutanol		10000	NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]
Methacrylonitrile		1.8	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Methyl Methacrylate		2200	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Methylene Chloride		8.5	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Propionitrile		200	NA	ND(0.011)	ND(0.011) [ND(0.011)]
Styrene		1700	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Tetrachloroethene		4.7	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Toluene		520	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,2-Dichloroethene		62	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Trichloroethene		2.7	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Trichlorofluoromethane		380	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Vinyl Acetate		420	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Vinyl Chloride		0.021	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]
Xylenes (total)		210	NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2-W		19-9-11-SB-5		19-9-11-SB-5	
			1-3 10/11/05	0-1 06/24/03	1-3 06/24/03	1-3 06/24/03		
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,3,5-Trinitrobenzene		1600	ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.37) J	ND(0.38) J	ND(0.37) J
1,3-Dichlorobenzene		41	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
1,4-Dichlorobenzene		3	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	0.23 J
1-Naphthylamine		Not Listed	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
2,3,4,6-Tetrachlorophenol		1600	ND(0.39) J	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,4,5-Trichlorophenol		5500	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dimethylphenol		1100	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,4-Dinitrophenol		110	ND(2.0)	ND(2.0) J	ND(2.0) J	ND(1.9) J	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,6-Dinitrophenol		160	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
2-Chloronaphthalene		3700	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2-Chlorophenol		59	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2-Methylnaphthalene		55	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2-Methylphenol		2700	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
2-Nitroaniline		3.3	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
2-Picoline		55	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
3&4-Methylphenol		270	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
3,3-Dichlorobenzidine		0.99	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
3,3-Dimethylbenzidine		0.048	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
3-Methylcholanthrene		0.056	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
3-Nitroaniline		5.5	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
4-Aminobiphenyl		1400	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
4-Bromophenyl-phenylether		160	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
4-Chloro-3-Methylphenol		2700	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
4-Chloroaniline		220	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
4-Nitroaniline		5.5	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
4-Nitrophenol		3400	ND(2.0)	ND(2.0) J	ND(2.0) J	ND(1.9) J	ND(1.9) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
4-Phenylenediamine		10000	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
5-Nitro-o-toluidine		13	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
a,a-Dimethylphenethylamine		55	ND(0.79) J	ND(0.77) J	ND(0.77) J	ND(0.77) J	ND(0.77) J	ND(0.75) J
Acenaphthene		2600	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
Acenaphthylene		55	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
Acetophenone		0.49	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
Aniline		78	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)	ND(0.38)	ND(0.37)
Anthracene		14000	ND(0.39)	0.70	ND(0.38)	0.10 J	ND(0.38)	0.10 J
Atarantite		18	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
Benzoflme		0.0019	ND(0.79) J	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)
Benzol(a)anthracene		0.56	0.077 J	3.2	1.3 J	0.45 J	1.3 J	0.45 J
Benzol(a)pyrene		0.056	0.070 J	3.0	1.2 J	0.44 J	1.2 J	0.44 J
Benzol(b)fluoranthene		0.56	0.073 J	2.2	0.96 J	0.34 J	0.96 J	0.34 J
Benzol(g,h,i)perylene		55	0.059 J	2.2	0.92 J	0.34 J	0.92 J	0.34 J
Benzol(k)fluoranthene		5.6	0.070 J	2.7	1.1 J	0.34 J	1.1 J	0.34 J
Benzyl Alcohol		16000	ND(0.79)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.75)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2-W 1-3 10/11/05	19-9-11-SB-5 0-1 06/24/03	19-9-11-SB-5 1-3 06/24/03
Semi-volatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
bis(2-Chloroethyl)ether		0.18	ND(0.39)	ND(0.38) J	ND(0.38) J [ND(0.37) J]
bis(2-Chloroisopropyl)ether		2.5	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
bis(2-Ethylhexyl)phthalate		32	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Butylbenzylphthalate		930	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Chrysene		56	0.11 J	3.0	1.2 J [0.45 J]
Diallate		7.3	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Dibenzo(a,h)anthracene		0.056	ND(0.39)	0.41	0.20 J [ND(0.37)]
Dibenzofuran		210	ND(0.39)	ND(0.38)	0.087 J [ND(0.37)]
Diethylphthalate		44000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Dimethylphthalate		100000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Di-n-Butylphthalate		5500	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Di-n-Octylphthalate		1100	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Diphenylamine		1400	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Ethyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Fluoranthene		2000	0.12 J	7.1	2.8 J [0.82 J]
Fluorene		1800	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorobenzene		0.28	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorobutadiene		5.7	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachlorocyclopentadiene		380	ND(0.39) J	ND(0.38) J	ND(0.38) J [ND(0.37) J]
Hexachloroethane		32	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Hexachloropropene		16	ND(0.79) J	ND(0.77) J	ND(0.77) J [ND(0.75) J]
Hexachloropropene		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Indeno(1,2,3-cd)pyrene		0.56	0.051 J	1.7	0.73 J [0.26 J]
Isodrin		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Isophorone		470	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Isosafrole		Not Listed	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Methapyrliene		55	ND(0.79) J	ND(0.77)	ND(0.77) [ND(0.75)]
Methyl Methanesulfonate		Not Listed	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Naphthalene		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Nitrobenzene		16	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodibutylamine		0.003	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodimethylamine		0.0087	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitroso-di-n-butylamine		0.022	ND(0.79)	ND(0.77) J	ND(0.77) J [ND(0.75) J]
N-Nitroso-di-n-propylamine		0.063	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosodiphenylamine		91	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosomethyl ethylamine		0.02	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
N-Nitrosomorpholine		0.21	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosopyrrolidine		0.21	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
N-Nitrosopyrrolidine		0.21	ND(0.79)	ND(0.77) J	ND(0.77) J [ND(0.75) J]
o,o,o-Triethylphosphorothioate		11	ND(0.39)	ND(0.38) J	ND(0.38) J [ND(0.37) J]
o-Toluidine		1.9	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
p-Dimethylaminoazobenzene		0.99	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Pentachlorobenzene		44	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pentachloroethane		2.8	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pentachloronitrobenzene		1.7	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Pentachlorophenol		2.5	ND(2.0)	ND(2.0)	ND(1.9) [ND(1.9)]
Phenacetin		640	ND(0.79)	ND(0.77)	ND(0.77) [ND(0.75)]
Phenanthrene		55	0.064 J	2.5	1.3 J [0.30 J]
Phenol		33000	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pronamide		4100	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Pyrene		1500	0.14 J	11	3.2 J [1.1 J]
Pyridine		55	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]
Safrole		Not Listed	ND(0.39) J	ND(0.38)	ND(0.38) [ND(0.37)]
Thionazin		330	ND(0.39)	ND(0.38)	ND(0.38) [ND(0.37)]

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-11-SB-2-W 1-3 10/11/05	19-9-11-SB-5 0-1 06/24/03	19-9-11-SB-5 1-3 06/24/03
Furans					
2,3,7,8-TCDF		Not Applicable	NA	ND(0.000012) Y	ND(0.000018) Y [ND(0.000023) Y]
TCDFs (total)		Not Applicable	NA	0.000036	0.0000034 [0.0000032]
1,2,3,7,8-PeCDF		Not Applicable	NA	0.000024	0.0000033 [0.0000032]
2,3,4,7,8-PeCDF		Not Applicable	NA	0.000015	0.0000025 [ND(0.0000016)]
PeCDFs (total)		Not Applicable	NA	0.00019	0.0000059 J [0.000015 J]
1,2,3,4,7,8-HxCDF		Not Applicable	NA	0.000141	0.000035 I [ND(0.000040) X]
1,2,3,6,7,8-HxCDF		Not Applicable	NA	0.000066	0.0000085 [0.0000054]
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.000013) X	ND(0.0000011) [ND(0.00000097)]
2,3,4,6,7,8-HxCDF		Not Applicable	NA	0.000019	ND(0.0000032) X [0.0000041]
HxCDFs (total)		Not Applicable	NA	0.00049	0.00012 [0.00010]
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	0.00075	0.00012 [0.00013]
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	0.00020	0.000025 [0.000018]
HpCDFs (total)		Not Applicable	NA	0.0011	0.00016 [0.00015]
OCDF		Not Applicable	NA	0.011	0.0011 [0.00099]
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	ND(0.0000012)	ND(0.0000011) [ND(0.0000010)]
TCDDs (total)		Not Applicable	NA	ND(0.0000012)	ND(0.0000010) [ND(0.0000010)]
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000020)	ND(0.0000020) [ND(0.0000018)]
PeCDDs (total)		Not Applicable	NA	ND(0.0000020)	ND(0.0000020) [ND(0.0000018)]
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.0000019)	ND(0.0000015) [ND(0.0000012)]
1,2,3,6,7,8-HxCDD		Not Applicable	NA	0.000013	0.0000084 [0.000013]
1,2,3,7,8,9-HxCDD		Not Applicable	NA	0.000060	ND(0.0000013) [0.0000051]
HxCDDs (total)		Not Applicable	NA	0.000052	0.0000084 J [0.000018 J]
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.00050	0.00052 [0.00084]
HpCDDs (total)		Not Applicable	NA	0.00077	0.00078 [0.0012]
OCDD		Not Applicable	NA	0.0074	0.0093 [0.015]
Total TEQs (WHO TEFs)		Not Applicable	NA	0.000052	0.000017 [0.000019]
Inorganics					
Antimony		30	NA	ND(6.00)	3.70 B [ND(6.00)]
Arsenic		0.38	NA	5.70	4.20 [5.50]
Barium		5200	NA	78.0	75.0 [60.0]
Beryllium		150	NA	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium		37	NA	0.450 J	0.950 J [0.240 J]
Chromium		210	NA	10.0 J	42.0 J [9.60 J]
Cobalt		3300	NA	6.10	7.50 [6.30]
Copper		2800	NA	36.0	20.0 [18.0]
Cyanide		11	NA	0.280	0.230 [0.200 B]
Lead		400	NA	89.0 J	220 J [44.0 J]
Mercury		22	NA	0.0790 B	0.0320 B [0.0400 B]
Nickel		1500	NA	12.0	12.0 [12.0]
Selenium		370	NA	0.930 J	ND(1.00) J [ND(1.00) J]
Silver		370	NA	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Sulfide		350	NA	280 J	16.0 J [60.0 J]
Thallium		6	NA	ND(1.10)	ND(1.10) [ND(1.10)]
Tin		45000	NA	4.50 B	4.10 B [3.90 B]
Vanadium		520	NA	7.60	7.40 [8.10]
Zinc		22000	NA	450	170 [140]

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRGs	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-101-SB-5 1-3 06/24/03
Volatile Organics						
1,1,1,2-tetrachloroethane		2.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,1-Trichloroethane		680	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,2,2-tetrachloroethane		0.36	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1,2-Trichloroethane		0.82	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1-Dichloroethane		570	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,1-Dichloroethene		0.052	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2,3-Trichloropropane		0.0014	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dichloroethane		0.0049	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,2-Dichloropropane		0.34	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
2-Butanone		6900	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
2-Chloroethylvinylether		0.18	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
3-Chloropropene		2700	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone		1400	ND(0.022)	ND(0.022)	ND(0.024)	ND(0.023)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Benzene		0.62	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromodichloromethane		0.98	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromoform		56	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Bromomethane		3.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Carbon Disulfide		350	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Carbon Tetrachloride		0.23	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chlorobenzene		54	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloroethane		1600	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloroform		0.24	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Chloromethane		1.2	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dibromochloromethane		5.3	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dibromomethane		550	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Dichlorodifluoromethane		94	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Ethylbenzene		230	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Iodometane		1.2	ND(0.0056) J	ND(0.0055) J	ND(0.0061) J	ND(0.0057) J
Isobutanol		10000	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Methyl Methacrylate		2200	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Methylene Chloride		8.5	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)
Styrene		1700	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Tetrachloroethane		4.7	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Toluene		520	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,2-Dichloroethene		62	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Trichloroethene		2.7	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Trichlorofluoromethane		380	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Vinyl Acetate		420	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Vinyl Chloride		0.021	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)
Xylenes (total)		210	ND(0.0056)	ND(0.0055)	ND(0.0061)	ND(0.0057)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-101-SB-5 1-3 06/24/03
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,2-Dibenzylhydrazine		0.56	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,3,5-Trinitrobenzene		1600	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
1,3-Dichlorobenzene		41	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
1,4-Dichlorobenzene		3	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
1-Naphthylamine		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2,3,4,6-Tetrachlorophenol		1600	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4,5-Trichlorophenol		5500	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dimethylphenol		1100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,4-Dinitrophenol		110	ND(1.9) J	ND(1.9) J	ND(2.1) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Acetylaminofluorene		0.56	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Chloronaphthalene		3700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Chlorophenol		59	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Methylnaphthalene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Methylphenol		2700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Nitroaniline		3.3	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
2-Picoline		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
3&4-Methylphenol		270	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3,3-Dichlorobenzidine		0.99	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3,3'-Dimethylbenzidine		0.048	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
3-Methylcholanthrene		0.056	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
3-Nitroaniline		5.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Aminobiphenyl		1400	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Bromophenyl-phenylether		160	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chloro-3-Methylphenol		2700	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chloroaniline		220	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
4-Nitroaniline		5.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
4-Nitrophenol		3400	ND(1.9) J	ND(1.9) J	ND(2.1) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
4-Phenylethylamine		10000	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
5-Nitro-0-toluidine		13	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
a,a'-Dimethylphenethylamine		55	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
Acenaphthene		2600	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Acenaphthylene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Acetophenone		0.49	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Aniline		78	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Anthracene		14000	ND(0.37)	ND(0.36)	0.16 J	ND(0.38)
Benzdine		18	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Benz(a)anthracene		0.0019	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Benz(a)pyrene		0.56	0.17 J	0.16 J	0.54	ND(0.38)
Benz(a)fluoranthene		0.56	0.17 J	0.10 J	0.46	ND(0.38)
Benz(b)fluoranthene		55	ND(0.37)	ND(0.36)	0.38 J	ND(0.38)
Benz(k)fluoranthene		5.6	0.15 J	ND(0.36)	0.45	ND(0.38)
Benzyl Alcohol		16000	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-101-SB-2	19-9-101-SB-2	19-9-101-SB-5	19-9-101-SB-5
			0-1 06/24/03	1-3 06/24/03	0-1 06/24/03	1-3 06/24/03
SemiVolatile Organics (Continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
bis(2-Chloroethyl)ether		0.18	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
bis(2-Chloroisopropyl)ether		2.5	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
bis(2-Ethylhexyl)phthalate		32	ND(0.37)	ND(0.36)	ND(0.40)	ND(0.37)
Butylbenzylphthalate		930	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Chrysene		56	0.18 J	0.16 J	0.53	ND(0.38)
Diallate		7.3	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Dibenz(a,h)anthracene		0.056	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Dibenzofuran		210	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Diethylphthalate		44000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Dimethylphthalate		100000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
D-n-Butylphthalate		5500	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
D-n-Octylphthalate		1100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Diphenylamine		1400	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Ethyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Fluoranthene		2000	0.35 J	0.33 J	1.1	0.11 J
Fluorene		1800	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorobenzene		0.28	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorobutadiene		5.7	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachlorocyclopentadiene		380	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
Hexachloroethane		32	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Hexachloroprene		16	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
Hexachloropropene		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.37)	0.074 J	0.23 J	ND(0.38)
Isodrin		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Isophorone		470	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Isosafrole		Not Listed	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Methacrylene		55	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Methyl Methanesulfonate		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Naphthalene		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Nitrobenzene		16	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodimethylamine		0.003	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodimethylamine		0.0087	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitroso-di-n-butylamine		0.022	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
N-Nitroso-di-n-propylamine		0.063	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosodiphenylamine		91	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosomethylethylamine		0.02	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
N-Nitrosomorpholine		0.21	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosopyridine		0.21	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
N-Nitrosopyrrolidine		0.21	ND(0.75) J	ND(0.73) J	ND(0.82) J	ND(0.76) J
o,o'-Triethylphosphorothioate		11	ND(0.37) J	ND(0.36) J	ND(0.41) J	ND(0.38) J
o-Toluidine		1.9	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
p-Dimethylaminoazobenzene		0.99	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Pentachlorobenzene		44	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pentachloroethane		2.8	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pentachloronitrobenzene		1.7	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Pentachlorophenol		2.5	ND(1.9)	ND(1.9)	ND(2.1)	ND(1.9)
Phenacetin		640	ND(0.75)	ND(0.73)	ND(0.82)	ND(0.76)
Phenanthrene		55	0.17 J	0.18 J	0.65	ND(0.38)
Phenol		33000	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pronamide		4100	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Pyrene		1500	0.34 J	0.28 J	1.0	0.10 J
Pyridine		55	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Safrole		Not Listed	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)
Thionazin		330	ND(0.37)	ND(0.36)	ND(0.41)	ND(0.38)

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-101-SB-5 1-3 06/24/03
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000018) Y	ND(0.000027) Y	ND(0.000015)	ND(0.000020)
TCDFs (total)		Not Applicable	0.0000043	0.000015	ND(0.000015)	ND(0.000020)
1,2,3,7,8-PeCDF		Not Applicable	0.0000037	0.0000073	ND(0.000012)	0.0000034
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000013)	0.0000044	ND(0.000012)	ND(0.000015)
PeCDFs (total)		Not Applicable	0.0000037	0.000037	ND(0.000012)	0.000025
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000151	0.0000301	0.000011	0.0000181
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000041	0.0000088	ND(0.0000030) X	0.0000047
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000011)	0.0000023	ND(0.0000011)	ND(0.0000015)
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000026	0.0000029	ND(0.0000094)	0.0000017
HxCDFs (total)		Not Applicable	0.000027	0.00010	0.000011	0.000050
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000031	0.000089	0.000027	0.000059
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000092	0.000023	0.0000052	0.000015
HpCDFs (total)		Not Applicable	0.000057	0.00013	0.000032	0.000084
OCDF		Not Applicable	0.00024	0.0010	0.00017	0.00058
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000011)	ND(0.000012)	ND(0.000011)	ND(0.000012)
TCDDs (total)		Not Applicable	ND(0.0000011)	ND(0.000012)	ND(0.000011)	ND(0.000012)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000024)	ND(0.000019)	ND(0.000018)	ND(0.000023)
PeCDDs (total)		Not Applicable	ND(0.0000024)	ND(0.000019)	ND(0.000018)	ND(0.000023)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000073)	ND(0.000015)	ND(0.000015)	ND(0.000013)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.000012)	ND(0.000014)	ND(0.000014)	0.000016
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.000012)	ND(0.000014)	ND(0.000014)	ND(0.000012)
HxCDDs (total)		Not Applicable	ND(0.000012)	ND(0.000014)	ND(0.000014)	0.000016
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000012	0.000026	0.000033	0.000026
HpCDDs (total)		Not Applicable	0.000023	0.000026	0.000033	0.000045
OCDD		Not Applicable	0.000078	0.00021	0.00023	0.00016
Total TEQs (WHO TEQs)		Not Applicable	0.0000061	0.000012	0.0000041	0.0000063
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		0.38	6.60	6.60	6.00	3.60
Barium		5200	27.0	25.0	68.0	46.0
Beryllium		150	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		37	0.220 J	0.230 J	0.480 J	0.170 J
Chromium		210	8.10 J	6.80 J	8.00 J	7.80 J
Cobalt		3300	9.70	8.50	7.10	8.10
Copper		2800	29.0	27.0	32.0	19.0
Cyanide		11	ND(0.13)	ND(0.11)	0.210	ND(0.11)
Lead		400	100 J	76.0 J	93.0 J	37.0 J
Mercury		22	0.0680 B	0.0770 B	0.190	0.120
Nickel		1500	17.0	17.0	11.0	14.0
Selenium		370	0.910 J	0.890 J	0.950 J	0.740 J
Silver		370	ND(1.00) J	0.120 J	ND(1.00) J	0.120 J
Sulfide		350	27.0 J	ND(5.50) J	7.80 J	9.10 J
Thallium		6	ND(1.10)	ND(1.10)	ND(1.20)	ND(1.10)
Tin		45000	4.40 B	5.00 B	7.00 B	5.30 B
Vanadium		520	8.80	8.20	8.40	8.10
Zinc		22000	82.0	67.0	120	63.0

TABLE E-92
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated maximum possible concentration.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-93
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101) [BANK]
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics	0.015	1,400	No
Semivolatile Organics			
1,4-Naphthoquinone	0.23	55*	No
2-Methylnaphthalene	2	55*	No
Acenaphthene	11	2,600	No
Acenaphthylene	0.41	55*	No
Anthracene	22	14,000	No
Benzofluoranthene	42	0.56	Yes
Benzofluoranthene	32	0.056	Yes
Benzofluoranthene	32	0.56	Yes
Benzofluoranthene	18	55*	No
Benzofluoranthene	29	5.6	Yes
Chrysene	40	56	No
Dibenzofluoranthene	4.7	0.056	Yes
Dibenzofuran	6	210	No
Fluoranthene	110	2,000	No
Fluorene	11	1,800	No
Indeno(1,2,3-cd)pyrene	15	0.56	Yes
Naphthalene	4.2	55	No
Phenanthrene	90	55*	Yes
Pyrene	86	1,500	No
Inorganics			
Antimony	3.7	30	No
Arsenic	24	0.38	Yes
Barium	89	5,200	No
Cadmium	0.96	37	No
Chromium	42	210	No
Cobalt	9.7	3,300	No
Copper	55	2,800	No
Cyanide	0.28	11*	No
Lead	1,000	400	Yes
Nickel	0.28	22	No
Nickel	17	1,500	No
Selenium	0.95	370	No
Silver	0.32	370	No
Sulfide	280	350*	No
Tin	13	45,000	No
Vanadium	9.2	520	No
Zinc	490	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 1,4-naphthoquinone, 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-94
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101) : 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2 0-1 06/24/03	19-9-11-SB-5 0-1 06/24/03	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-5 0-1 06/24/03
Semivolatile Organics				
Benzof(a)anthracene	0.78	3.2	0.17	0.54
Benzof(a)pyrene	0.52	3.0	0.17	0.46
Benzof(b)fluoranthene	0.51	2.2	0.14	0.38
Benzof(k)fluoranthene	0.45	2.7	0.15	0.45
Dibenzof(a,h)anthracene	0.20	0.41	0.19	0.21
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23
Phenanthrene	2.8	2.5	0.17	0.65
Dioxins/Furans				
Total TEQs (WHO TEQs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06
Inorganics				
Arsenic	24.0	5.70	6.60	6.00
Lead	1,000	89.0	100	93.0
Semivolatile Organics				
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Benzof(a)anthracene	N/A (See Note 5)	1.2	7	No
Benzof(a)pyrene	N/A (See Note 5)	1.0	2	No
Benzof(b)fluoranthene	N/A (See Note 5)	0.81	7	No
Benzof(k)fluoranthene	N/A (See Note 5)	0.94	70	No
Dibenzof(a,h)anthracene	N/A (See Note 5)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.59	7	No
Phenanthrene	N/A (See Note 5)	1.53	100	No
Dioxins/Furans				
Total TEQs (WHO TEQs)	5.20E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	10.6	20	No
Lead	N/A (See Note 5)	321	300	Yes

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-95
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/PRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2 0-1 06/24/03	19-9-11-SB-5 0-1 06/24/03	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05
Semivolatile Organics						
Benzo(a)anthracene	0.78	3.2	0.17	0.54	42	5.6
Benzo(a)pyrene	0.52	3.0	0.17	0.46	32	4.0
Benzo(b)fluoranthene	0.51	2.2	0.14	0.38	32	3.3
Benzo(k)fluoranthene	0.45	2.7	0.15	0.45	29	3.6
Dibenzo(a,h)anthracene	0.20	0.41	0.19	0.21	4.7	0.52
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23	15	1.7
Phenanthrene	2.8	2.5	0.17	0.65	90	10
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06	8.70E-06	--
Inorganics						
Arsenic	24.0	5.70	6.60	6.00	8.50	--
Lead	1,000	89.0	100	93.0	300	--
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2-S 1-3 10/11/05	19-9-11-SB-2-W 1-3 10/11/05	COMP-19-9-11-SB-2 1-3 (See Note 1)	19-9-11-SB-5 1-3 06/24/03	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 1-3 06/24/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.077	12	0.88	0.16	0.19
Benzo(a)pyrene	1.3	0.070	9.3	0.82	0.10	0.19
Benzo(b)fluoranthene	1.0	0.073	9.1	0.65	0.18	0.19
Benzo(k)fluoranthene	1.0	0.070	8.4	0.72	0.18	0.19
Dibenzo(a,h)anthracene	0.185	0.195	1.4	0.19	0.18	0.19
Indeno(1,2,3-cd)pyrene	0.56	0.051	4.3	0.50	0.074	0.19
Phenanthrene	2.8	0.064	26	0.80	0.18	0.19
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	--	1.90E-05	1.20E-05	6.30E-06
Inorganics						
Arsenic	--	--	--	4.85	6.60	3.60
Lead	--	--	--	132	76.0	37.0

See Notes on Page 2

TABLE E-95
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-/2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	2.3	7	No
Benzo(a)pyrene	N/A (See Note 6)	1.8	2	No
Benzo(b)fluoranthene	N/A (See Note 6)	1.7	7	No
Benzo(k)fluoranthene	N/A (See Note 6)	1.7	70	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.37	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.93	7	No
Phenanthrene	N/A (See Note 6)	4.1	100	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.20E-05	N/A (See Note 6)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.23	20	No
Lead	N/A (See Note 6)	228	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
19-9-11-SB-2-E (1-3'; 10/11/05), 19-9-11-SB-2-S (1-3'; 10/11/05), 19-9-11-SB-2-W (1-3'; 10/11/05) and 19-9-11-SB-2 (1-3'; 6/24/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- = Constituent not subject to analysis.

TABLE E-95A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 WAVE 2 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05	19-9-11-SB-2-S 1-3 10/11/05	19-9-11-SB-2-W 1-3 10/11/05	COMP-19-9-11-SB-2 1-3 (See Note 1)	19-9-11-SB-5 1-3 06/24/03
Semivolatile Organics						
Benzo(a)anthracene	42	5.6	1.9	0.077	12	0.88
Benzo(a)pyrene	32	4.0	1.3	0.070	9.3	0.82
Benzo(b)fluoranthene	32	3.3	1.0	0.073	9.1	0.65
Benzo(k)fluoranthene	29	3.6	1.0	0.070	8.4	0.72
Dibenzo(a,h)anthracene	4.7	0.52	0.19	0.20	1.4	0.19
Indeno(1,2,3-cd)pyrene	15	1.7	0.56	0.051	4.3	0.50
Phenanthrene	90	10	2.8	0.064	26	0.80
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.70E-06	--	--	--	--	1.90E-05
Inorganics						
Arsenic	8.50	--	--	--	--	4.85
Lead	300	--	--	--	--	132
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 1-3 06/24/03	Maximum Sample Result	Arithmetic Concentration (See Note 4)	MCP Wave 2 Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Benzo(a)anthracene	0.16	0.19	N/A (See Note 6)	3.4	7	No
Benzo(a)pyrene	0.10	0.19	N/A (See Note 6)	2.6	2	Yes
Benzo(b)fluoranthene	0.18	0.19	N/A (See Note 6)	2.5	7	No
Benzo(k)fluoranthene	0.18	0.19	N/A (See Note 6)	2.4	70	No
Dibenzo(a,h)anthracene	0.18	0.19	N/A (See Note 6)	0.49	0.7	No
Indeno(1,2,3-cd)pyrene	0.074	0.19	N/A (See Note 6)	1.3	7	No
Phenanthrene	0.18	0.19	N/A (See Note 6)	6.7	100	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.20E-05	6.30E-06	1.90E-05	N/A (See Note 6)	1.50E-03	No
Inorganics						
Arsenic	6.60	3.60	N/A (See Note 6)	5.89	20	No
Lead	76.0	37.0	N/A (See Note 6)	136	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
 19-9-11-SB-2-E (1-3'; 10/11/05), 19-9-11-SB-2-S (1-3'; 10/11/05), 19-9-11-SB-2-W (1-3'; 10/11/05) and 19-9-11-SB-2 (1-3'; 6/24/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- = Constituent not subject to analysis.

TABLE E-96
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2 0-1 06/24/03	19-9-11-SB-5 0-1 06/24/03	19-9-101-SB-2 0-1 06/24/03	19-9-101-SB-5 0-1 06/24/03	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05
Semivolatile Organics						
Benzol(a)anthracene	0.78	3.2	0.17	0.54	0.198	5.6
Benzol(a)pyrene	0.52	3.0	0.17	0.46	0.198	4.0
Benzol(b)fluoranthene	0.51	2.2	0.14	0.38	0.198	3.3
Benzol(k)fluoranthene	0.45	2.7	0.15	0.45	0.198	3.6
Dibenzol(a,h)anthracene	0.20	0.41	0.19	0.21	0.256	0.52
Indeno(1,2,3-cd)pyrene	0.22	1.7	0.19	0.23	0.256	1.7
Phenanthrene	2.8	2.5	0.17	0.65	0.256	10
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.30E-05	5.20E-05	6.10E-06	4.10E-06	8.70E-06	--
Inorganics						
Arsenic	24.0	5.70	6.60	6.00	8.50	--
Lead	1,000	89.0	100	93.0	300	--
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2-S 1-3 10/11/05	19-9-11-SB-2-W 1-3 10/11/05	COMP-19-9-11-SB-2 1-3 (See Note 1)	19-9-11-SB-5 1-3 06/24/03	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 1-3 06/24/03
Semivolatile Organics						
Benzol(a)anthracene	1.9	0.077	1.9	0.88	0.16	0.19
Benzol(a)pyrene	1.3	0.070	1.4	0.82	0.10	0.19
Benzol(b)fluoranthene	1.0	0.073	1.1	0.65	0.18	0.19
Benzol(k)fluoranthene	1.0	0.070	1.2	0.72	0.18	0.19
Dibenzol(a,h)anthracene	0.185	0.195	0.29	0.19	0.18	0.19
Indeno(1,2,3-cd)pyrene	0.56	0.051	0.64	0.50	0.074	0.19
Phenanthrene	2.8	0.064	3.3	0.80	0.18	0.19
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	--	1.90E-05	1.20E-05	6.30E-06
Inorganics						
Arsenic	--	--	--	4.85	6.60	3.60
Lead	--	--	--	132	76.0	37.0

See Notes on Page 2

TABLE E-96
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 0- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semi-volatile Organics				
Benz(a)anthracene	N/A (See Note 6)	1.0	7	No
Benz(a)pyrene	N/A (See Note 6)	0.83	2	No
Benz(b)fluoranthene	N/A (See Note 6)	0.67	7	No
Benz(k)fluoranthene	N/A (See Note 6)	0.76	70	No
Dibenz(a,h)anthracene	N/A (See Note 6)	0.23	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 6)	0.47	7	No
Phenanthrene	N/A (See Note 6)	1.3	100	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	5.20E-05	N/A (See Note 6)	1,00E-03	No
Inorganics				
Arsenic	N/A (See Note 6)	8.23	20	No
Lead	N/A (See Note 6)	228	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
19-9-11-SB-2-E (1-3'; 10/1/05), 19-9-11-SB-2-S (1-3'; 10/1/05), 19-9-11-SB-2-W (1-3'; 10/1/05) and 19-9-11-SB-2 (1-3'; 6/24/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (which ever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.

TABLE E-96A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11 & 19-9-101): 1- TO 3-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-2 1-3 06/24/03	19-9-11-SB-2-E 1-3 10/11/05	19-9-11-SB-2-S 1-3 10/11/05	19-9-11-SB-2-W 1-3 10/11/05	COMP-19-9-11-SB-2 1-3 (See Note 1)	19-9-11-SB-5 1-3 06/24/03
Semivolatile Organics						
Benzo(a)anthracene	0.198	5.6	1.9	0.077	1.9	0.88
Benzo(e)pyrene	0.198	4.0	1.3	0.070	1.4	0.82
Benzo(b)fluoranthene	0.198	3.3	1.0	0.073	1.1	0.65
Benzo(k)fluoranthene	0.198	3.6	1.0	0.070	1.2	0.72
Dibenz(a,h)anthracene	0.256	0.52	0.185	0.195	0.29	0.19
Indeno(1,2,3-cd)pyrene	0.256	1.7	0.56	0.051	0.64	0.50
Phenanthrene	0.256	10	2.8	0.064	3.3	0.80
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.70E-06	--	--	--	--	1.90E-05
Inorganics						
Arsenic	8.50	--	--	--	--	4.85
Lead	300	--	--	--	--	132
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-9-101-SB-2 1-3 06/24/03	19-9-101-SB-5 1-3 06/24/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Benzo(a)anthracene	0.16	0.19	N/A (See Note 6)	0.79	7	No
Benzo(e)pyrene	0.10	0.19	N/A (See Note 6)	0.63	2	No
Benzo(b)fluoranthene	0.18	0.19	N/A (See Note 6)	0.54	7	No
Benzo(k)fluoranthene	0.18	0.19	N/A (See Note 6)	0.58	70	No
Dibenz(a,h)anthracene	0.18	0.19	N/A (See Note 6)	0.21	0.7	No
Indeno(1,2,3-cd)pyrene	0.074	0.19	N/A (See Note 6)	0.35	7	No
Phenanthrene	0.18	0.19	N/A (See Note 6)	1.1	100	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.20E-05	6.30E-06	1.90E-05	N/A (See Note 6)	1.50E-03	No
Inorganics						
Arsenic	6.60	3.60	N/A (See Note 6)	5.89	20	No
Lead	76.0	37.0	N/A (See Note 6)	136	300	No

Notes:

- The SVOC results presented for this sample location represent the average result from the following samples (depth, date collected):
 19-9-11-SB-2-E (1-3); 10/11/05), 19-9-11-SB-2-S (1-3); 10/11/05), 19-9-11-SB-2-W (1-3); 10/11/05) and 19-9-11-SB-2 (1-3); 6/24/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- = Constituent not subject to analysis.

Parcel 19-9-201 (non-bank)

TABLE E-97
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7	19-9-11-SB-7	19-9-11-SB-7
			0-1 03/09/05	3-6 03/09/05	4-6 03/09/05
Volatile Organics					
1,1,1,2-tetrachloroethane		6.8	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,1,1-trichloroethane		1400	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,2,2-tetrachloroethane		0.87	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1,2-Trichloroethane		1.9	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1-Dichloroethane		2000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,1-Dichloroethene		0.12	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2,3-1-trichloropropane		0.0031	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dibromoethane		2.1	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dichloropropane		0.029	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dichloroethane		0.76	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,2-Dichloropropane		0.76	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
1,4-Dioxane		270	ND(0.11)	NA	ND(0.13) [ND(0.13)]
2-Butanone		27000	ND(0.011)	NA	ND(0.013) [ND(0.013)]
2-Chloro-1,3-butadiene		12	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
2-Chloroethylvinylether		0.56	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
2-Hexanone		2800	ND(0.011)	NA	ND(0.013) [ND(0.013)]
3-Chloropropene		52000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
4-Methyl-2-pentanone		2800	ND(0.011)	NA	ND(0.013) [ND(0.013)]
Acetone		6100	ND(0.022)	NA	ND(0.026) [ND(0.025)]
Acetonitrile		1300	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Acrolein		0.34	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Acrylonitrile		0.49	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Benzene		1.4	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromodichloromethane		2.3	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromoforn		380	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Bromomethane		13	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Carbon Disulfide		1200	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Carbon Tetrachloride		0.52	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chlorobenzene		180	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloroethane		1600	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloroform		0.52	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloromethane		2.6	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dibromochloromethane		36	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dibromomethane		11000	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dichlorodifluoromethane		310	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Ethyl Methacrylate		140	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Ethylbenzene		230	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Iodomethane		2.6	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Isobutanol		40000	ND(0.11)	NA	ND(0.13) [ND(0.13)]
Methacrylonitrile		8.4	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Methyl Methacrylate		7300	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Methylene Chloride		20	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Propionitrile		1300	ND(0.011)	NA	ND(0.013) [ND(0.013)]
Styrene		1700	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Tetrachloroethene		16	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Toluene		520	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,2-Dichloroethene		210	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Trichloroethane		6.1	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Trichlorofluoromethane		1300	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Vinyl Acetate		1400	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Vinyl Chloride		0.048	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Xylenes (total)		210	ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feeft): Date Collected:	EPA Region 9 Industrial PRGS	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7 4-6 03/09/05
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene		320	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2,4-Trichlorobenzene		1700	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2-Dichlorobenzene		370	ND(3.8)	ND(0.42) [ND(42)]	NA
1,2-Diphenylhydrazine		3.7	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3,5-Trinitrobenzene		32000	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3-Dichlorobenzene		140	ND(3.8)	ND(0.42) [ND(42)]	NA
1,3-Dinitrobenzene		110	ND(3.8)	ND(0.85) [ND(42)]	NA
1,4-Dichlorobenzene		7.3	ND(3.8)	ND(0.42) [ND(42)]	NA
1,4-Naphthoquinone		190	ND(3.8)	ND(0.85) [ND(42)]	NA
1-Naphthylamine		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2,3,4,6-Tetrachlorophenol		32000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4,5-Trichlorophenol		110000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4,6-Trichlorophenol		270	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dichlorophenol		3200	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dimethylphenol		21000	ND(3.8)	ND(0.42) [ND(42)]	NA
2,4-Dinitrophenol		2100	ND(19)	ND(2.1) [ND(210)]	NA
2,4-Dinitrotoluene		2100	ND(3.8)	ND(0.42) [ND(42)]	NA
2,6-Dichlorophenol		3200	ND(3.8)	ND(0.42) [ND(42)]	NA
2,6-Dinitrotoluene		1100	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Acetylaminofluorene		3.6	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Chloronaphthalene		24000	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Chlorophenol		240	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Methylnaphthalene		190	ND(3.8)	0.79 [8.1 JJ]	NA
2-Methylphenol		53000	ND(3.8)	ND(0.42) [ND(42)]	NA
2-Naphthylamine		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Nitroaniline		64	ND(19)	ND(2.1) [ND(210)]	NA
2-Nitrophenol		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
2-Picoline		1100	ND(3.8)	ND(0.42) [ND(42)]	NA
3&4-Methylphenol		5300	ND(3.8)	0.080 J [ND(42)]	NA
3,3-Dichlorobenzidine		6.7	ND(7.5)	ND(0.85) [ND(84)]	NA
3,3-Dimethylbenzidine		0.33	ND(3.8)	ND(0.42) [ND(42)]	NA
3-Methylcholanthrene		0.36	ND(3.8)	ND(0.85) [ND(42)]	NA
3-Nitroaniline		110	ND(19)	ND(2.1) [ND(210)]	NA
4,6-Dinitro-2-methylphenol		1100	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Aminobiphenyl		27000	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Bromophenyl-phenylether		3200	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chloro-3-Methylphenol		53000	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chloroaniline		4300	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Chlorobenzilate		11	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Chlorophenyl-phenylether		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
4-Nitroaniline		110	ND(3.8)	ND(2.1) [ND(42)]	NA
4-Nitrophenol		66000	ND(19)	ND(2.1) [ND(210)]	NA
4-Nitroquinoline-1-oxide		2100	ND(3.8)	ND(0.85) [ND(42)]	NA
4-Phenylenediamine		100000	ND(3.8)	ND(0.85) [ND(42)]	NA
5-Nitro-o-toluidine		91	ND(3.8)	ND(0.85) [ND(42)]	NA
7,12-Dimethylbenz(a)anthracene		0.36	ND(3.8)	ND(0.85) [ND(42)]	NA
a,a-Dimethylphenethylamine		1100	ND(3.8)	ND(0.85) [ND(42)]	NA
Acenaphthene		28000	ND(3.8)	4.0 [50]	NA
Acenaphthylene		190	ND(3.8)	ND(0.42) [ND(42)]	NA
Acetophenone		1.6	ND(3.8)	ND(0.42) [ND(42)]	NA
Aniline		530	ND(3.8)	ND(0.42) [ND(42)]	NA
Anthracene		220000	ND(3.8)	7.0 [96]	NA
Ararite		120	ND(3.8)	ND(0.85) [ND(42)]	NA
Benzidine		0.013	ND(7.5)	ND(0.85) [ND(84)]	NA
Benzol(a)anthracene		3.6	ND(3.8)	9.2 [210]	NA
Benzol(a)pyrene		0.36	ND(3.8)	6.3 [170]	NA
Benzol(b)fluoranthene		3.6	ND(3.8)	7.5 [160]	NA
Benzol(g,h,i)perylene		190	ND(3.8)	3.6 [83]	NA
Benzol(k)fluoranthene		36	ND(3.8)	6.8 [190]	NA
Benzyl Alcohol		100000	ND(7.5)	ND(0.85) [ND(84)]	NA

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7 4-6 03/09/05
Semivolatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Chloroethyl)ether		0.56	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Chloroisopropyl)ether		7.4	ND(3.8)	ND(0.42) [ND(42)]	NA
bis(2-Ethylhexyl)phthalate		210	ND(1.9)	ND(0.42) [ND(21)]	NA
Butylbenzylphthalate		930	ND(3.8)	ND(0.42) [ND(42)]	NA
Chrysene		360	ND(3.8)	8.8 [200]	NA
Diallate		49	ND(3.8)	ND(0.85) [ND(42)]	NA
Dibenzo(a,h)anthracene		0.36	ND(3.8)	1.4 [26 J]	NA
Dibenzofuran		3200	ND(3.8)	2.2 [26 J]	NA
Diethylphthalate		100000	ND(3.8)	ND(0.42) [ND(42)]	NA
Dimethylphthalate		100000	ND(3.8)	ND(0.42) [ND(42)]	NA
Di-n-Butylphthalate		110000	ND(3.8)	ND(0.42) [ND(42)]	NA
Di-n-Octylphthalate		10000	ND(3.8)	ND(0.42) [ND(42)]	NA
Diphenylamine		27000	ND(3.8)	ND(0.42) [ND(42)]	NA
Ethyl Methanesulfonate		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Fluoranthene		37000	ND(3.8)	23 [440]	NA
Fluorene		22000	ND(3.8)	3.2 [40 J]	NA
Hexachlorobenzene		1.9	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorobutadiene		38	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorocyclopentadiene		7100	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachloroethane		210	ND(3.8)	ND(0.42) [ND(42)]	NA
Hexachlorophene		320	ND(7.5)	ND(0.85) [ND(84)]	NA
Hexachloropropene		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Indeno(1,2,3-cd)pyrene		3.6	ND(3.8)	3.6 [75]	NA
Isodrin		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Isophorone		3200	ND(3.8)	ND(0.42) [ND(42)]	NA
Isosafrole		Not Listed	ND(3.8)	ND(0.85) [ND(42)]	NA
Methacrylene		190	ND(3.8)	ND(0.85) [ND(42)]	NA
Methyl Methanesulfonate		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Naphthalene		190	ND(3.8)	2.1 [23 J]	NA
Nitrobenzene		100	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodimethylamine		0.02	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodimethylamine		0.059	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitroso-di-n-butylamine		0.058	ND(3.8)	ND(0.85) [ND(42)]	NA
N-Nitroso-di-n-propylamine		0.43	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosodiphenylamine		610	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosomethylethylamine		0.14	ND(3.8)	ND(0.85) [ND(42)]	NA
N-Nitrosomorpholine		1.4	ND(3.8)	ND(0.85) [ND(42)]	NA
N-Nitrosopyridine		1.4	ND(3.8)	ND(0.42) [ND(42)]	NA
N-Nitrosopyrrolidine		1.4	ND(3.8)	ND(0.42) [ND(42)]	NA
o,o,c-1-Triethylphosphorothioate		210	ND(3.8)	ND(0.42) [ND(42)]	NA
o-Toluidine		12	ND(3.8)	ND(0.42) [ND(42)]	NA
p-Dimethylaminoazobenzene		6.7	ND(3.8)	ND(0.85) [ND(42)]	NA
Pentachlorobenzene		860	ND(3.8)	ND(0.42) [ND(42)]	NA
Pentachloroethane		6.8	ND(3.8)	ND(0.42) [ND(42)]	NA
Pentachloronitrobenzene		12	ND(3.8)	ND(0.85) [ND(42)]	NA
Pentachlorophenol		15	ND(19)	ND(2.1) [ND(210)]	NA
Phenacetin		14000	ND(3.8)	ND(0.85) [ND(42)]	NA
Phenanthrene		190	ND(3.8)	22 [360]	NA
Phenol		100000	ND(3.8)	ND(0.42) [ND(42)]	NA
Pronamide		80000	ND(3.8)	ND(0.42) [ND(42)]	NA
Pyrene		26000	ND(3.8)	20 [400]	NA
Pyridine		1100	ND(3.8)	ND(0.42) [ND(42)]	NA
Safrole		Not Listed	ND(3.8)	ND(0.42) [ND(42)]	NA
Thionazin		6400	ND(3.8)	ND(0.42) [ND(42)]	NA

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7 4-6 03/09/05
Furans					
2,3,7,8-TCDF	Not Applicable		0.00000076 J	ND(0.000034) [ND(0.000038)]	NA
TCDFs (total)	Not Applicable		0.0000024	ND(0.000034) [ND(0.000038)]	NA
1,2,3,7,8-PeCDF	Not Applicable		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
2,3,4,7,8-PeCDF	Not Applicable		0.00000099 J	ND(0.000061) [ND(0.000059)]	NA
PeCDFs (total)	Not Applicable		0.0000089	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,7,8-HxCDF	Not Applicable		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,6,7,8-HxCDF	Not Applicable		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,7,8,9-HxCDF	Not Applicable		ND(0.00000054)	ND(0.000061) [ND(0.000064)]	NA
2,3,4,6,7,8-HxCDF	Not Applicable		0.00000074 J	ND(0.000061) [ND(0.000059)]	NA
HxCDFs (total)	Not Applicable		0.0000042 J	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.0000024 J	ND(0.000061) [ND(0.00015) X]	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable		ND(0.00000074)	ND(0.000061) [ND(0.000059)]	NA
HpCDFs (total)	Not Applicable		0.0000049 J	ND(0.000061) [0.00026 J]	NA
OCDF	Not Applicable		0.0000026 J	ND(0.00012) [0.00069 J]	NA
Dioxins					
2,3,7,8-TCDD	Not Applicable		ND(0.00000032)	ND(0.000052) [ND(0.000069)]	NA
TCDDs (total)	Not Applicable		ND(0.00000060)	ND(0.000077) [ND(0.000083)]	NA
1,2,3,7,8-PeCDD	Not Applicable		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
PeCDDs (total)	Not Applicable		ND(0.00000052)	ND(0.00011) [ND(0.00011)]	NA
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.00000060)	ND(0.000083) [ND(0.000093)]	NA
1,2,3,6,7,8-HxCDD	Not Applicable		ND(0.00000053)	ND(0.000080) [ND(0.000090)]	NA
1,2,3,7,8,9-HxCDD	Not Applicable		ND(0.00000059)	ND(0.000082) [ND(0.00012)]	NA
HxCDDs (total)	Not Applicable		0.00000097 J	ND(0.000082) [ND(0.00012)]	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.0000061	0.00012 J [0.00043 J]	NA
HpCDDs (total)	Not Applicable		0.000011	0.00012 J [0.00086]	NA
OCDD	Not Applicable		0.0000057	0.0010 J [0.0056]	NA
Total TEQs (WHO TEQs)	Not Applicable		0.0000013	0.00010 [0.00011]	NA
Inorganics					
Antimony	750		1.50 B	4.90 B [2.60 B]	NA
Arsenic	3		8.00	7.90 [12.0]	NA
Barium	100000		36.0	110 [130]	NA
Beryllium	3400		0.290 B	0.260 B [0.370 B]	NA
Cadmium	930		0.120 B	0.290 B [1.50]	NA
Chromium	450		12.0	15.0 [16.0]	NA
Cobalt	29000		10.0	8.40 [14.0]	NA
Copper	70000		18.0	77.0 [80.0]	NA
Cyanide	35		ND(0.220)	1.50 [0.690]	NA
Lead	1000		16.0	230 [560]	NA
Mercury	560		0.0110 B	0.630 [1.00]	NA
Nickel	37000		17.0	18.0 [30.0]	NA
Selenium	9400		1.40	1.80 [2.80]	NA
Silver	9400		0.120 B	0.140 B [0.310 B]	NA
Sulfide	1200		20.0	44.0 [26.0]	NA
Thallium	150		ND(1.10)	ND(1.30) [ND(1.20)]	NA
Tin	100000		1.60 B	26.0 [690]	NA
Vanadium	13000		16.0	14.0 [22.0]	NA
Zinc	100000		62.0	230 [580]	NA

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7		19-9-11-SB-7-E 3-6 10/14/05
			10-12 10/14/05	10-15 10/14/05	
Volatile Organics					
1,1,1,2-Tetrachloroethane		6.8	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,1-Trichloroethane		1400	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,2,2-Tetrachloroethane		0.87	ND(0.0060) [ND(0.0061)]	NA	NA
1,1,2-Trichloroethane		1.9	ND(0.0060) [ND(0.0061)]	NA	NA
1,1-Dichloroethane		2000	ND(0.0060) [ND(0.0061)]	NA	NA
1,1-Dichloroethane		0.12	ND(0.0060) [ND(0.0061)]	NA	NA
1,2,3-Trichloropropane		0.0031	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dibromo-3-chloropropane		2.1	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dichloroethane		0.029	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dichloropropane		0.76	ND(0.0060) [ND(0.0061)]	NA	NA
1,2-Dichloropropane		0.76	ND(0.0060) [ND(0.0061)]	NA	NA
1,4-Dioxane		270	ND(0.12) [ND(0.12)]	NA	NA
2-Butanone		27000	ND(0.12) [ND(0.12)]	NA	NA
2-Chloro-1,3-butadiene		12	ND(0.0060) [ND(0.0061)]	NA	NA
2-Chloroethylvinylether		0.56	ND(0.0060) [ND(0.0061)]	NA	NA
2-Hexanone		2800	ND(0.12) [ND(0.12)]	NA	NA
3-Chloropropene		52000	ND(0.0060) [ND(0.0061)]	NA	NA
4-Methyl-2-pentanone		2800	ND(0.12) [ND(0.12)]	NA	NA
Acetone		6100	ND(0.024) [ND(0.024)]	NA	NA
Acetonitrile		1300	ND(0.12) [ND(0.12)]	NA	NA
Acrolein		0.34	ND(0.12) [ND(0.12)]	NA	NA
Acrylonitrile		0.49	ND(0.0060) [ND(0.0061)]	NA	NA
Benzene		1.4	ND(0.0060) [ND(0.0061)]	NA	NA
Bromodichloromethane		2.3	ND(0.0060) [ND(0.0061)]	NA	NA
Bromoform		380	ND(0.0060) [ND(0.0061)]	NA	NA
Bromomethane		13	ND(0.0060) [ND(0.0061)]	NA	NA
Carbon Disulfide		1200	ND(0.0060) [0.0038 J]	NA	NA
Carbon Tetrachloride		0.52	ND(0.0060) [ND(0.0061)]	NA	NA
Chlorobenzene		180	ND(0.0060) [ND(0.0061)]	NA	NA
Chloroethane		1600	ND(0.0060) [ND(0.0061)]	NA	NA
Chloroform		0.52	ND(0.0060) [ND(0.0061)]	NA	NA
Chloromethane		2.6	ND(0.0060) [ND(0.0061)]	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
Dibromochloromethane		36	ND(0.0060) [ND(0.0061)]	NA	NA
Dibromomethane		11000	ND(0.0060) [ND(0.0061)]	NA	NA
Dichlorodifluoroethane		310	ND(0.0060) [ND(0.0061)]	NA	NA
Ethyl Methacrylate		140	ND(0.0060) [ND(0.0061)]	NA	NA
Ethylbenzene		230	ND(0.0060) [ND(0.0061)]	NA	NA
Iodomethane		2.6	ND(0.0060) [ND(0.0061)]	NA	NA
Isobutanol		40000	ND(0.12) [ND(0.12)]	NA	NA
Methacrylonitrile		8.4	ND(0.0060) [ND(0.0061)]	NA	NA
Methyl Methacrylate		7300	ND(0.0060) [ND(0.0061)]	NA	NA
Methylene Chloride		20	ND(0.0060) [ND(0.0061)]	NA	NA
Propionitrile		1300	ND(0.12) [ND(0.12)]	NA	NA
Styrene		1700	ND(0.0060) [ND(0.0061)]	NA	NA
Tetrachloroethene		16	ND(0.0060) [ND(0.0061)]	NA	NA
Toluene		520	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,2-Dichloroethene		210	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060) [ND(0.0061)]	NA	NA
Trichloroethene		6.1	ND(0.0060) [ND(0.0061)]	NA	NA
Trichlorofluoromethane		1300	ND(0.0060) [ND(0.0061)]	NA	NA
Vinyl Acetate		1400	ND(0.0060) [ND(0.0061)]	NA	NA
Vinyl Chloride		0.048	ND(0.0060) [ND(0.0061)]	NA	NA
Xylenes (total)		210	ND(0.0060) [ND(0.0061)]	NA	NA

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7		19-9-11-SB-7		19-9-11-SB-7-E	
			10-12 10/14/05	10-15 10/14/05	10-15 10/14/05	3-6 10/14/05		
Semi-volatile Organics								
1,2,4,5-Tetrachlorobenzene		320	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
1,2,4-Trichlorobenzene		1700	NA	ND(0.46) J [ND(0.43)]	ND(0.40)			ND(0.40)
1,2-Dichlorobenzene		370	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
1,2-Diphenylhydrazine		3.7	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
1,3,5-Trinitrobenzene		32000	NA	ND(0.46) J [ND(0.43) J]	ND(0.40) J			ND(0.40) J
1,3-Dichlorobenzene		140	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
1,3-Dinitrobenzene		110	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
1,4-Dichlorobenzene		7.3	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
1,4-Naphthoquinone		190	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
1-Naphthylamine		Not Listed	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
2,3,4,6-Tetrachlorophenol		32000	NA	ND(0.46) [ND(0.43) J]	ND(0.40) J			ND(0.40) J
2,4,5-Trichlorophenol		110000	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,4,6-Trichlorophenol		270	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,4-Dichlorophenol		3200	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,4-Dimethylphenol		21000	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,4-Dinitrophenol		2100	NA	ND(2.4) [ND(2.2)]	ND(2.0)			ND(2.0)
2,4-Dinitrotoluene		2100	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,6-Dichlorophenol		3200	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2,6-Dinitrotoluene		1100	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2-Acetylaminofluorene		3.6	NA	ND(0.93) J [ND(0.87)]	ND(0.81)			ND(0.81)
2-Chloronaphthalene		24000	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2-Chlorophenol		240	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2-Methylnaphthalene		190	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2-Methylphenol		53000	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
2-Naphthylamine		Not Listed	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
2-Nitroaniline		64	NA	ND(2.4) [ND(2.2)]	ND(2.0)			ND(2.0)
2-Nitrophenol		Not Listed	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
2-Picoline		1100	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
3,8,4-Methylphenol		5300	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
3,3'-Dichlorobenzidine		6.7	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
3,3'-Dimethylbenzidine		0.33	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
3-Methylcholanthrene		0.36	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
3-Nitroaniline		110	NA	ND(2.4) [ND(2.2)]	ND(2.0)			ND(2.0)
4,6-Dinitro-2-methylphenol		1100	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
4-Aminobiphenyl		27000	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
4-Bromophenyl-phenylether		3200	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
4-Chloro-3-Methylphenol		53000	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
4-Chloroaniline		4300	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
4-Chlorobenzilate		11	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
4-Nitroaniline		110	NA	ND(2.4) [ND(2.2)]	ND(2.0)			ND(2.0)
4-Nitrophenol		66000	NA	ND(2.4) J [ND(2.2) J]	ND(2.0)			ND(2.0)
4-Nitroquinoline-1-oxide		2100	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
4-Phenylenediamine		100000	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
5-Nitro-o-toluidine		91	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
7,12-Dimethylbenz(a)anthracene		0.36	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)
a,a'-Dimethylphenethylamine		1100	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
Acenaphthene		28000	NA	0.057 J [ND(0.43)]	ND(0.40)			ND(0.40)
Acenaphthylene		190	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
Acetophenone		1.6	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
Aniline		530	NA	ND(0.46) [ND(0.43)]	ND(0.40)			ND(0.40)
Anthracene		220000	NA	0.084 J [ND(0.43)]	0.16 J			0.16 J
Aranite		120	NA	ND(0.93) J [ND(0.87) J]	ND(0.81)			ND(0.81)
Benzidine		0.013	NA	ND(0.93) J [ND(0.87) J]	ND(0.81) J			ND(0.81) J
Benzol(a)anthracene		3.6	NA	0.15 J [0.090 J]	0.67			0.67
Benzol(a)pyrene		0.36	NA	0.085 J [ND(0.43)]	0.58			0.58
Benzol(b)fluoranthene		3.6	NA	0.081 J [0.048 J]	0.47			0.47
Benzol(g,h,i)perylene		190	NA	0.036 J [ND(0.43)]	0.35 J			0.35 J
Benzol(k)fluoranthene		36	NA	0.084 J [0.057 J]	0.52			0.52
Benzyl Alcohol		100000	NA	ND(0.93) [ND(0.87)]	ND(0.81)			ND(0.81)

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7		19-9-11-SB-7		19-9-11-SB-7-E	
			10-12 10/14/05	10-15 10/14/05	10-15 10/14/05	3-6 10/14/05		
Semivolatile Organics (continued)								
bis(2-Chloroethoxy)methane	Not Listed	NA	ND(0.46)	ND(0.43)	ND(0.40)			
bis(2-Chloroethyl)ether	0.56	NA	ND(0.46)	ND(0.43)	ND(0.40)			
bis(2-Chloroisopropyl)ether	7.4	NA	ND(0.46)	ND(0.43) J	ND(0.40) J			
bis(2-Ethylhexyl)phthalate	210	NA	ND(0.46)	ND(0.43)	19			
Butylbenzylphthalate	930	NA	ND(0.46)	ND(0.43)	57			
Chrysene	360	NA	0.15 J	0.088 J	0.79			
Diallate	49	NA	ND(0.93) J	ND(0.87) J	ND(0.81) J			
Dibenzof(a,h)anthracene	0.36	NA	ND(0.46)	ND(0.43)	0.089 J			
Dibenzofuran	3200	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Diethylphthalate	100000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Dimethylphthalate	100000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Di-n-Butylphthalate	110000	NA	ND(0.46)	ND(0.43)	0.055 J			
Di-n-Octylphthalate	10000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Diphenylamine	27000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Ethyl Methanesulfonate	Not Listed	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Fluoranthene	37000	NA	0.32 J	0.17 J	0.99			
Fluorene	22000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Hexachlorobenzene	1.9	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Hexachlorobutadiene	38	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Hexachlorocyclopentadiene	7100	NA	ND(0.46)	ND(0.43) J	ND(0.40) J			
Hexachloroethane	210	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Hexachlorophene	320	NA	ND(0.93) J	ND(0.87) J	ND(0.81) J			
Hexachloropropene	Not Listed	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Indeno(1,2,3-cd)pyrene	3.6	NA	ND(0.46)	ND(0.43)	0.25 J			
Isodrin	Not Listed	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Isophorone	3200	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Isosafrole	Not Listed	NA	ND(0.93) J	ND(0.87) J	ND(0.81) J			
Methapyrene	190	NA	ND(0.93)	ND(0.87)	ND(0.81)			
Methyl Methanesulfonate	Not Listed	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Naphthalene	190	NA	ND(0.46)	ND(0.43)	0.055 J			
Nitrobenzene	100	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosodiallylamine	0.02	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosodimethylamine	0.059	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitroso-di-n-butylamine	0.058	NA	ND(0.93)	ND(0.87)	ND(0.81)			
N-Nitroso-di-n-propylamine	0.43	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosodiphenylamine	610	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosomethylamine	0.14	NA	ND(0.46)	ND(0.43)	ND(0.81)			
N-Nitrosomorpholine	1.4	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosopiperidine	1.4	NA	ND(0.46)	ND(0.43)	ND(0.40)			
N-Nitrosopyrrolidine	1.4	NA	ND(0.93)	ND(0.87)	ND(0.81)			
o,o'-Triethylphosphorothioate	210	NA	ND(0.46)	ND(0.43)	ND(0.40)			
o-Toluidine	12	NA	ND(0.46)	ND(0.43)	ND(0.40)			
p-Dimethylaminoazobenzene	6.7	NA	ND(0.93)	ND(0.87)	ND(0.81)			
Pentachlorobenzene	860	NA	ND(0.46) J	ND(0.43)	ND(0.40)			
Pentachloroethane	6.8	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Pentachloronitrobenzene	12	NA	ND(0.93)	ND(0.87)	ND(0.81)			
Pentachlorophenol	15	NA	ND(2.4)	ND(2.2)	ND(2.0)			
Phenacetin	14000	NA	ND(0.93)	ND(0.87)	ND(0.81)			
Phenanthrene	190	NA	0.31 J	0.16 J	0.52			
Phenol	100000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Pronamide	80000	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Pyrene	26000	NA	0.33 J	0.17 J	1.3			
Pyridine	1100	NA	ND(0.46)	ND(0.43)	ND(0.40)			
Safrole	Not Listed	NA	ND(0.46) J	ND(0.43) J	ND(0.40) J			
Thiazin	6400	NA	ND(0.46)	ND(0.43)	ND(0.40)			

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-7 10-12 10/14/05	19-9-11-SB-7 10-15 10/14/05	19-9-11-SB-7-E 3-6 10/14/05
Furans					
2,3,7,8-TCDF		Not Applicable	NA	ND(0.00000090) X [0.0000018 J]	NA
TCDFs (total)		Not Applicable	NA	0.0000051 J [0.000011 J]	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	ND(0.0000013) [0.0000019 J]	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	ND(0.0000013) [0.0000018 J]	NA
PeCDFs (total)		Not Applicable	NA	0.0000018 J [0.0000071 J]	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	ND(0.0000013) [0.0000034 J]	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	ND(0.0000013) [0.0000017 J]	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
HxCDFs (total)		Not Applicable	NA	0.0000031 J [0.000012 J]	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	ND(0.0000013) [0.0000026 J]	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	ND(0.0000013) [0.0000015 J]	NA
HPCDFs (total)		Not Applicable	NA	ND(0.0000013) [0.0000064 J]	NA
OCDF		Not Applicable	NA	ND(0.0000027) [ND(0.0000025)]	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	ND(0.00000038) [ND(0.00000034)]	NA
TCDDs (total)		Not Applicable	NA	ND(0.00000075) [ND(0.00000082)]	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
PeCDDs (total)		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
HxCDDs (total)		Not Applicable	NA	ND(0.0000013) [ND(0.0000013)]	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	0.0000020 J [0.0000035 J]	NA
HPCDDs (total)		Not Applicable	NA	0.0000020 J [0.0000059 J]	NA
OCDD		Not Applicable	NA	ND(0.0000090) [ND(0.000012)]	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	0.0000017 [0.0000029]	NA
Inorganics					
Antimony		750	NA	0.920 J [1.90 J]	NA
Arsenic		3	NA	5.80 J [6.30 J]	NA
Barium		100000	NA	36.0 J [33.0 J]	NA
Beryllium		3400	NA	0.360 B [0.330 B]	NA
Cadmium		930	NA	0.170 B [0.120 B]	NA
Chromium		450	NA	11.0 J [12.0 J]	NA
Cobalt		29000	NA	9.20 J [12.0 J]	NA
Copper		70000	NA	18.0 J [21.0 J]	NA
Cyanide		35	NA	ND(0.280) [ND(0.260)]	NA
Lead		1000	NA	7.10 J [11.0 J]	NA
Mercury		560	NA	0.0220 J [0.0220 J]	NA
Nickel		37000	NA	16.0 J [19.0 J]	NA
Selenium		9400	NA	ND(1.00) J [ND(1.00) J]	NA
Silver		9400	NA	ND(1.00) [ND(1.00)]	NA
Sulfide		1200	NA	200 J [160 J]	NA
Thallium		150	NA	ND(2.3) [ND(2.2)]	NA
Tin		100000	NA	1.90 B [2.40 B]	NA
Vanadium		13000	NA	12.0 J [13.0 J]	NA
Zinc		100000	NA	51.0 J [58.0 J]	NA

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-9	19-9-11-SB-9
			0-1 03/09/05	1-3 03/09/05
Volatile Organics				
1,1,1,2-Tetrachloroethane		6.8	ND(0.0057)	ND(0.0060)
1,1,1-Trichloroethane		1400	ND(0.0057)	ND(0.0060)
1,1,2,2-Tetrachloroethane		0.87	ND(0.0057)	ND(0.0060)
1,1,2-Trichloroethane		1.9	ND(0.0057)	ND(0.0060)
1,1-Dichloroethane		2000	ND(0.0057)	ND(0.0060)
1,1-Dichloroethene		0.12	ND(0.0057)	ND(0.0060)
1,2,3-Trichloropropane		0.0031	ND(0.0057)	ND(0.0060)
1,2-Dibromo-3-chloropropane		2.1	ND(0.0057)	ND(0.0060)
1,2-Dibromoethane		0.029	ND(0.0057)	ND(0.0060)
1,2-Dichloroethane		0.76	ND(0.0057)	ND(0.0060)
1,2-Dichloropropane		0.76	ND(0.0057)	ND(0.0060)
1,4-Dioxane		270	ND(0.11)	ND(0.12)
2-Butanone		27000	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene		12	ND(0.0057)	ND(0.0060)
2-ChloroethylVinylether		0.56	ND(0.0057)	ND(0.0060)
2-Hexanone		2800	ND(0.011)	ND(0.012)
3-Chloropropene		52000	ND(0.0057)	ND(0.0060)
4-Methyl-2-pentanone		2800	ND(0.011)	ND(0.012)
Acetone		6100	0.0063 J	ND(0.024)
Acetonitrile		1300	ND(0.11)	ND(0.12)
Acrolein		0.34	ND(0.11)	ND(0.12)
Acrylonitrile		0.49	ND(0.0057)	ND(0.0060)
Benzene		1.4	ND(0.0057)	ND(0.0060)
Bromodichloromethane		2.3	ND(0.0057)	ND(0.0060)
Bromoform		380	ND(0.0057)	ND(0.0060)
Bromomethane		13	ND(0.0057)	ND(0.0060)
Carbon Disulfide		1200	0.0044 J	ND(0.0060)
Carbon Tetrachloride		0.52	ND(0.0057)	ND(0.0060)
Chlorobenzene		180	ND(0.0057)	ND(0.0060)
Chloroethane		1600	ND(0.0057)	ND(0.0060)
Chloroform		0.52	0.0067	0.012
Chloromethane		2.6	ND(0.0057)	ND(0.0060)
cis-1,3-Dichloropropene		Not Listed	ND(0.0057)	ND(0.0060)
Dibromochloromethane		36	ND(0.0057)	ND(0.0060)
Dibromomethane		11000	ND(0.0057)	ND(0.0060)
Dichlorodifluoromethane		310	ND(0.0057)	ND(0.0060)
Ethyl Methacrylate		140	ND(0.0057)	ND(0.0060)
Ethylbenzene		230	ND(0.0057)	ND(0.0060)
Iodomethane		2.6	ND(0.0057)	ND(0.0060)
Isobutanol		40000	ND(0.11)	ND(0.12)
Methacrylonitrile		8.4	ND(0.0057)	ND(0.0060)
Methyl Methacrylate		7300	ND(0.0057)	ND(0.0060)
Methylene Chloride		20	ND(0.0057)	0.0050 J
Propionitrile		1300	ND(0.011)	ND(0.012)
Styrene		1700	ND(0.0057)	ND(0.0060)
Tetrachloroethene		16	ND(0.0057)	ND(0.0060)
Toluene		520	ND(0.0057)	0.0035 J
trans-1,2-Dichloroethene		210	ND(0.0057)	ND(0.0060)
trans-1,3-Dichloropropene		Not Listed	ND(0.0057)	ND(0.0060)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0057)	ND(0.0060)
Trichloroethene		6.1	ND(0.0057)	ND(0.0060)
Trichlorofluoromethane		1300	ND(0.0057)	ND(0.0060)
Vinyl Acetate		1400	ND(0.0057)	ND(0.0060)
Vinyl Chloride		0.048	ND(0.0057)	ND(0.0060)
Xylenes (total)		210	ND(0.0057)	ND(0.0060)

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth (Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-9	19-9-11-SB-9
			0-1 03/09/05	1-3 03/09/05
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		320	ND(0.38)	ND(4.0)
1,2,4-Trichlorobenzene		1700	ND(0.38)	ND(4.0)
1,2-Dichlorobenzene		370	ND(0.38)	ND(4.0)
1,2-Diphenylhydrazine		3.7	ND(0.38)	ND(4.0)
1,3,5-Trinitrobenzene		32000	ND(0.38)	ND(4.0)
1,3-Dichlorobenzene		140	ND(0.38)	ND(4.0)
1,3-Dinitrobenzene		110	ND(0.77)	ND(4.0)
1,4-Dichlorobenzene		7.3	ND(0.38)	ND(4.0)
1,4-Naphthoquinone		190	ND(0.77)	ND(4.0)
1-Naphthylamine		Not Listed	ND(0.77)	ND(4.0)
2,3,4,6-Tetrachlorophenol		3200	ND(0.38)	ND(4.0)
2,4,5-Trichlorophenol		110000	ND(0.38)	ND(4.0)
2,4,6-Trichlorophenol		270	ND(0.38)	ND(4.0)
2,4-Dichlorophenol		3200	ND(0.38)	ND(4.0)
2,4-Dimethylphenol		21000	ND(0.38)	ND(4.0)
2,4-Dinitrophenol		2100	ND(1.9)	ND(20)
2,4-Dinitrotoluene		2100	ND(0.38)	ND(4.0)
2,6-Dichlorophenol		3200	ND(0.38)	ND(4.0)
2,6-Dinitrotoluene		1100	ND(0.38)	ND(4.0)
2-Acetylaminofluorene		3.6	ND(0.77)	ND(4.0)
2-Chloronaphthalene		24000	ND(0.38)	ND(4.0)
2-Chlorophenol		240	ND(0.38)	ND(4.0)
2-Methylnaphthalene		190	ND(0.38)	ND(4.0)
2-Methylphenol		53000	ND(0.38)	ND(4.0)
2-Naphthylamine		Not Listed	ND(0.77)	ND(4.0)
2-Nitroaniline		64	ND(1.9)	ND(20)
2-Nitrophenol		Not Listed	ND(0.77)	ND(4.0)
2-Picoline		1100	ND(0.38)	ND(4.0)
3&4-Methylphenol		5300	ND(0.77)	ND(4.0)
3,3-Dichlorobenzidine		6.7	ND(0.77)	ND(8.0)
3,3-Dimethylbenzidine		0.33	ND(0.38)	ND(4.0)
3-Methylcholanthrene		0.36	ND(0.77)	ND(4.0)
3-Nitroaniline		110	ND(1.9)	ND(20)
4,6-Dinitro-2-methylphenol		1100	ND(0.38)	ND(4.0)
4-Aminobiphenyl		27000	ND(0.77)	ND(4.0)
4-Bromophenyl-phenylether		3200	ND(0.38)	ND(4.0)
4-Chloro-3-Methylphenol		53000	ND(0.38)	ND(4.0)
4-Chloroaniline		4300	ND(0.38)	ND(4.0)
4-Chlorobenzilate		11	ND(0.77)	ND(4.0)
4-Chlorophenyl-phenylether		Not Listed	ND(0.38)	ND(4.0)
4-Nitroaniline		110	ND(1.9)	ND(4.0)
4-Nitrophenol		66000	ND(1.9)	ND(20)
4-Nitroquinoline-1-oxide		2100	ND(0.77)	ND(4.0)
4-Phenylenediamine		100000	ND(0.77)	ND(4.0)
5-Nitro-o-toluidine		91	ND(0.77)	ND(4.0)
7,12-Dimethylbenz(a)anthracene		0.36	ND(0.77)	ND(4.0)
a,a'-Dimethylphenethylamine		1100	ND(0.77)	ND(4.0)
Acenaphthene		28000	ND(0.38)	ND(4.0)
Acenaphthylene		190	0.24 J	0.75 J
Acetophenone		1.6	ND(0.38)	ND(4.0)
Aniline		530	ND(0.38)	ND(4.0)
Anthracene		220000	0.19 J	0.52 J
Atarite		120	ND(0.77)	ND(4.0)
Benzid(a)anthracene		0.013	ND(0.77)	ND(8.0)
Benzofluoranthene		3.6	0.74	2.2 J
Benzol(a)pyrene		0.36	0.84	2.4 J
Benzol(b)fluoranthene		3.6	0.66	1.5 J
Benzol(g,h,i)perylene		190	0.44	1.4 J
Benzol(k)fluoranthene		36	0.70	2.0 J
Benzyl Alcohol		100000	ND(0.77)	ND(8.0)

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-9	19-9-11-SB-9
			0-1 03/09/05	1-3 03/09/05
Semivolatile Organics (Continued)				
bis(2-Chloroethoxy)methane		Not Listed	ND(0.38)	ND(4.0)
bis(2-Chloroethyl)ether		0.56	ND(0.38)	ND(4.0)
bis(2-Chloroisopropyl)ether		7.4	ND(0.38)	ND(4.0)
bis(2-Ethylhexyl)phthalate		210	ND(0.38)	ND(2.0)
Butylbenzylphthalate		930	ND(0.38)	ND(4.0)
Chrysene		360	0.73	2.0 J
Diallate		49	ND(0.77)	ND(4.0)
Dibenz(a,h)anthracene		0.36	0.12 J	ND(4.0)
Dibenzofuran		3200	ND(0.38)	ND(4.0)
Diethylphthalate		100000	ND(0.38)	ND(4.0)
Dimethylphthalate		100000	ND(0.38)	ND(4.0)
Di-n-Butylphthalate		110000	ND(0.38)	ND(4.0)
Di-n-Octylphthalate		10000	ND(0.38)	ND(4.0)
Diphenylamine		27000	ND(0.38)	ND(4.0)
Ethyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.0)
Fluoranthene		37000	1.0	3.1 J
Fluorene		22000	0.041 J	ND(4.0)
Hexachlorobenzene		1.9	ND(0.38)	ND(4.0)
Hexachlorobutadiene		38	ND(0.38)	ND(4.0)
Hexachlorocyclopentadiene		7100	ND(0.38)	ND(4.0)
Hexachloroethane		210	ND(0.38)	ND(4.0)
Hexachlorophene		320	ND(0.77)	ND(8.0)
Hexachloropropene		Not Listed	ND(0.38)	ND(4.0)
Indeno(1,2,3-cd)pyrene		3.6	0.42	0.98 J
Isodrin		Not Listed	ND(0.38)	ND(4.0)
Isophorone		3200	ND(0.38)	ND(4.0)
Isosafrole		Not Listed	ND(0.77)	ND(4.0)
Methacrylene		190	ND(0.77)	ND(4.0)
Methyl Methanesulfonate		Not Listed	ND(0.38)	ND(4.0)
Naphthalene		190	ND(0.38)	ND(4.0)
Nitrobenzene		100	ND(0.38)	ND(4.0)
N-Nitrosodimethylamine		0.02	ND(0.38)	ND(4.0)
N-Nitrosodimethylamine		0.059	ND(0.38)	ND(4.0)
N-Nitroso-di-n-butylamine		0.058	ND(0.77)	ND(4.0)
N-Nitroso-di-n-propylamine		0.43	ND(0.38)	ND(4.0)
N-Nitrosodiphenylamine		610	ND(0.38)	ND(4.0)
N-Nitrosomethylamine		0.14	ND(0.77)	ND(4.0)
N-Nitrosomorpholine		1.4	ND(0.38)	ND(4.0)
N-Nitrosopiperidine		1.4	ND(0.38)	ND(4.0)
N-Nitrosopyrrolidine		1.4	ND(0.77)	ND(4.0)
o,o'-Triethylphosphorothioate		210	ND(0.38)	ND(4.0)
o-Toluidine		12	ND(0.38)	ND(4.0)
p-Dimethylaminoazobenzene		6.7	ND(0.77)	ND(4.0)
Pentachlorobenzene		860	ND(0.38)	ND(4.0)
Pentachloroethane		6.8	ND(0.38)	ND(4.0)
Pentachloronitrobenzene		12	ND(0.77)	ND(4.0)
Pentachlorophenol		15	ND(1.9)	ND(20)
Phenacetin		14000	ND(0.77)	ND(4.0)
Phenanthrene		190	0.40	1.2 J
Phenol		100000	ND(0.38)	ND(4.0)
Pronamide		80000	ND(0.38)	ND(4.0)
Pyrene		26000	1.2	3.2 J
Pyridine		1100	ND(0.38)	ND(4.0)
Safrole		Not Listed	ND(0.38)	ND(4.0)
Thionazin		6400	ND(0.38)	ND(4.0)

TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Industrial PRGs	19-9-11-SB-9 0-1 03/09/05	19-9-11-SB-9 1-3 03/09/05
Furans				
2,3,7,8-TCDF		Not Applicable	0.000016 Y	0.0000043 Y
TCDFs (total)		Not Applicable	0.00018	0.000037
1,2,3,7,8-PeCDF		Not Applicable	0.0000065	0.0000020 J
2,3,4,7,8-PeCDF		Not Applicable	0.000012	0.0000038 J
PeCDFs (total)		Not Applicable	0.00014	0.000044
1,2,3,4,7,8-HxCDF		Not Applicable	0.000014	0.0000047 J
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000073	ND(0.000027) X
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000025 J	0.00000091 J
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000088	0.0000038 J
HxCDFs (total)		Not Applicable	0.00012	0.000056
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000026	0.000048
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000042 J	0.0000021 J
HpCDFs (total)		Not Applicable	0.000051	0.000081
OCDF		Not Applicable	0.000022	0.000025
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000042) X	ND(0.00000036)
TCDDs (total)		Not Applicable	0.0000024	ND(0.00000036)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000034) X	ND(0.00000051)
PeCDDs (total)		Not Applicable	0.0000058	0.0000018 J
1,2,3,4,7,8-HxCDD		Not Applicable	0.00000086 J	ND(0.00000091) X
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000020) X	0.0000018 J
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000022 J	0.0000012 J
HxCDDs (total)		Not Applicable	0.000020	0.000014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000031	0.000025
HpCDDs (total)		Not Applicable	0.000056	0.000045
OCDD		Not Applicable	0.00016	0.00018
TEQs (WHO TEFs)		Not Applicable	0.000014	0.0000051
Inorganics				
Antimony		750	1.90 B	2.30 B
Arsenic		3	6.30	6.40
Barium		100000	62.0	60.0
Beryllium		3400	0.220 B	0.230 B
Cadmium		930	0.270 B	0.380 B
Chromium		450	12.0	12.0
Cobalt		29000	9.30	7.60
Copper		70000	31.0	40.0
Cyanide		35	0.170 B	0.330
Lead		1000	91.0	140
Mercury		560	0.100 B	0.370
Nickel		37000	17.0	17.0
Selenium		9400	1.00	0.690 B
Silver		9400	ND(1.00)	ND(1.00)
Sulfide		1200	33.0	29.0
Thallium		150	ND(1.10)	ND(1.20)
Tin		100000	10.0	15.0
Vanadium		13000	15.0	10.0
Zinc		100000	150	170

**TABLE E-97
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS 19-9-201 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-98
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGS
 PARCEL 19-9-201 (FORMERLY 19-9-11) [NON-BANK]
 CONCEPTUAL RD/IRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.0063	6,100	No
Carbon Disulfide	0.0044	1,200	No
Chloroform	0.012	0.52	No
Methylene Chloride	0.005	20	No
Toluene	0.0035	520	No
Semivolatile Organics			
2-Methylnaphthalene	8.1	190*	No
3&4-Methylphenol	0.08	5,300*	No
Acenaphthene	50	28,000	No
Acenaphthylene	0.75	190*	No
Anthracene	96	220,000	No
Benzo(a)anthracene	210	3.6	Yes
Benzo(a)pyrene	170	0.36	Yes
Benzo(b)fluoranthene	160	3.6	Yes
Benzo(g,h,i)perylene	83	190*	No
Benzo(k)fluoranthene	190	36	Yes
bis(2-Ethylhexyl)phthalate	19	210	No
Butylbenzylphthalate	57	930	No
Chrysene	200	360	Yes
Dibenz(a,h)anthracene	26	0.36	Yes
Dibenzofuran	0.055	3,200	No
Di-n-Butylphthalate	440	110,000	No
Fluoranthene	40	37,000	No
Fluorene	40	22,000	No
Indeno(1,2,3-cd)pyrene	75	3.6	Yes
Naphthalene	23	190	Yes
Phenanthrene	360	190*	Yes
Pyrene	400	26,000	No
Inorganics			
Antimony	4.9	750	No
Arsenic	12	3	Yes
Barium	130	100,000	No
Beryllium	0.37	3,400	No
Cadmium	1.5	930	No
Chromium	16	450	No
Cobalt	14	29,000	No
Copper	80	70,000	No
Cyanide	1.5	35*	No
Lead	560	1,000	No
Mercury	1	560	No
Nickel	30	37,000	No
Selenium	2.8	9,400	No
Silver	0.31	9,400	No
Sulfide	200	1,200*	No
Tin	690	100,000	No
Vanadium	22	13,000	No
Zinc	580	100,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 industrial soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-99
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth/(Fee): Date Collected:	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-9 0-1 03/09/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzof(a)anthracene	1.9	0.74	N/A (See Note 5)	1.3	40	No
Benzof(a)pyrene	1.9	0.84	N/A (See Note 5)	1.4	4	No
Benzof(b)fluoranthene	1.9	0.66	N/A (See Note 5)	1.3	40	No
Benzof(k)fluoranthene	1.9	0.70	N/A (See Note 5)	1.3	400	No
Dibenzof(a,h)anthracene	1.9	0.12	N/A (See Note 5)	1.0	4	No
Indeno(1,2,3-cd)pyrene	1.9	0.42	N/A (See Note 5)	1.2	40	No
Phenanthrene	1.9	0.40	N/A (See Note 5)	1.2	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.30E-06	1.40E-05	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	8.00	6.30	N/A (See Note 5)	7.15	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-100
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 0- TO 3-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-9 0-1 03/09/05	19-9-11-SB-9 1-3 03/09/05	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.9	0.74	2.2	N/A (See Note 5)	1.6	40	No
Benzo(a)pyrene	1.9	0.84	2.4	N/A (See Note 5)	1.7	4	No
Benzo(b)fluoranthene	1.9	0.66	1.5	N/A (See Note 5)	1.4	40	No
Benzo(k)fluoranthene	1.9	0.70	2.0	N/A (See Note 5)	1.5	400	No
Dibenzo(a,h)anthracene	1.9	0.12	2.0	N/A (See Note 5)	1.3	4	No
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	N/A (See Note 5)	1.1	40	No
Phenanthrene	1.9	0.40	1.2	N/A (See Note 5)	1.2	100	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	1.30E-06	1.40E-05	5.10E-06	1.40E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	8.00	6.30	6.40	N/A (See Note 5)	6.90	20	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-101
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-9 1-3 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7-E 3-6 10/14/05	19-9-9-SB-1 3-5 06/23/03
Semivolatile Organics				
Benzo(a)anthracene	2.2	110	0.67	0.29
Benzo(a)pyrene	2.4	88	0.58	0.29
Benzo(b)fluoranthene	1.5	84	0.47	0.29
Benzo(k)fluoranthene	2.0	98	0.52	0.29
Dibenzo(a,h)anthracene	2.0	14	0.089	0.29
Indeno(1,2,3-cd)pyrene	0.98	39	0.25	0.29
Phenanthrene	1.2	190	0.52	0.16
Inorganics				
Arsenic	6.40	9.95	---	(See Note 1)

	COMP-19-9-11-SB-7 3-6 (See Note 2)	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	37	20	300	No
Benzo(a)pyrene	30	16	30	No
Benzo(b)fluoranthene	28	15	300	No
Benzo(k)fluoranthene	33	17	3,000	No
Dibenzo(a,h)anthracene	5	3.4	30	No
Indeno(1,2,3-cd)pyrene	13	7.1	300	No
Phenanthrene	64	32	100	No
Inorganics				
Arsenic	--	8.18	20	No

Notes:

- The SVOC results presented for 19-9-9-SB-1 (3-5) are used to delineate sample 19-9-11-SB-7 (3-6) to the west. The inorganic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth: date collected): 19-9-11-SB-7-E (3-6; 10/14/05), 19-9-9-SB-1 (3-5; 6/23/03), and 19-9-11-SB-7 (3-6; 3/9/05).
- Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
- Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.

TABLE E-102
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-9 0-1 03/09/05	19-9-11-SB-9 1-3 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7-E 3-6 10/14/05	19-9-9-SB-1 3-5 06/23/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.74	2.2	110	0.67	0.29
Benzo(a)pyrene	1.9	0.84	2.4	88	0.58	0.29
Benzo(b)fluoranthene	1.9	0.66	1.5	84	0.47	0.29
Benzo(k)fluoranthene	1.9	0.70	2.0	98	0.52	0.29
Dibenzo(a,h)anthracene	1.9	0.12	2.0	14	0.089	0.29
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	39	0.25	0.29
Phenanthrene	1.9	0.40	1.2	190	0.52	0.16
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 8)	(See Note 8)	5.10E-06	1.10E-04	--	(See Note 1)
Inorganics						
Arsenic	8.00	6.30	6.40	9.95	--	(See Note 1)
Semivolatile Organics						
	COMF 19-9-11-SB-7 3-6 (See Note 2)	19-9-11-SB-7 10-15 10/14/05	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Benzo(a)anthracene	37	0.12	N/A (See Note 7)	8.4	300	No
Benzo(a)pyrene	30	0.15	N/A (See Note 7)	7.0	30	No
Benzo(b)fluoranthene	28	0.065	N/A (See Note 7)	6.5	300	No
Benzo(k)fluoranthene	33	0.071	N/A (See Note 7)	7.5	3,000	No
Dibenzo(a,h)anthracene	5	0.22	N/A (See Note 7)	1.8	30	No
Indeno(1,2,3-cd)pyrene	13	0.22	N/A (See Note 7)	3.3	300	No
Phenanthrene	64	0.24	N/A (See Note 7)	13	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	2.90E-06	1.10E-04	N/A (See Note 7)	2.00E-02	No
Inorganics						
Arsenic	--	6.05	N/A (See Note 7)	7.34	20	No

Notes:

- The SVOC results presented for 19-9-9-SB-1 (3-5) are used to delineate sample 19-9-11-SB-7 (3-6) to the west.
- The Total TEQs and Inorganic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-9-11-SB-7-E (3-6); 10/14/05; 19-9-9-SB-1 (3-5); 6/23/03; and 19-9-11-SB-7 (3-6); 3/9/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs were evaluated in the 1- to 15-foot depth increment only.
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth in question.

TABLE E-103
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 1- TO 6-FOOT DEPTH INCREMENT (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-9 1-3 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7-E 3-6 10/14/05	19-9-9-SB-1 3-5 06/23/03
Semi-volatile Organics				
Benzo(a)anthracene	2.2	0.198	0.67	0.29
Benzo(a)pyrene	2.4	0.198	0.58	0.29
Benzo(b)fluoranthene	1.5	0.198	0.47	0.29
Benzo(k)fluoranthene	2.0	0.198	0.52	0.29
Dibenzo(a,h)anthracene	2.0	0.256	0.089	0.29
Indeno(1,2,3-cd)pyrene	0.98	0.256	0.25	0.29
Phenanthrene	1.2	0.198	0.52	0.16
Inorganics				
Arsenic	6.40	9.95	--	(See Note 1)
COMP-19-9-11-SB-7 3-6 (See Note 2)				
Arithmetic Average Concentration (See Note 4)				
Semi-volatile Organics				
Benzo(a)anthracene	0.39	1.3	300	No
Benzo(a)pyrene	0.36	1.4	30	No
Benzo(b)fluoranthene	0.32	0.91	300	No
Benzo(k)fluoranthene	0.34	1.2	3,000	No
Dibenzo(a,h)anthracene	0.21	1.1	30	No
Indeno(1,2,3-cd)pyrene	0.27	0.62	300	No
Phenanthrene	0.29	0.75	100	No
Inorganics				
Arsenic	--	8.18	20	No

Notes:

- The SVOC results presented for 19-9-9-SB-1 (3-5) are used to delineate sample 19-9-11-SB-7 (3-6) to the west. The inorganic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth; date collected): 19-9-11-SB-7-E (3-6; 10/14/05), 19-9-9-SB-1 (3-5; 6/23/03), and 19-9-11-SB-7 (3-6; 3/9/05).
- Each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
- Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-104
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-9-201 (FORMERLY 19-9-11): 0- TO 15-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RRA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-9-11-SB-7 0-1 03/09/05	19-9-11-SB-9 0-1 03/09/05	19-9-11-SB-9 1-3 03/09/05	19-9-11-SB-7 3-6 03/09/05	19-9-11-SB-7-E 3-6 10/14/05	19-9-9-SB-1 3-5 06/23/03
Semi-volatile Organics						
Benzol(a)anthracene	1.9	0.74	2.2	<i>0.198</i>	0.67	0.29
Benzol(a)pyrene	1.9	0.84	2.4	<i>0.198</i>	0.58	0.29
Benzol(b)fluoranthene	1.9	0.66	1.5	<i>0.198</i>	0.47	0.29
Benzol(k)fluoranthene	1.9	0.70	2.0	<i>0.198</i>	0.52	0.29
Dibenzol(a,h)anthracene	1.9	0.12	2.0	<i>0.256</i>	0.089	0.29
Indeno(1,2,3-cd)pyrene	1.9	0.42	0.98	<i>0.256</i>	0.25	0.29
Phenanthrene	1.9	0.40	1.2	<i>0.198</i>	0.52	0.16
Dioxins/Furans						
Total TEQs (WHO TEQs)	(See Note 8)	(See Note 8)	5.10E-06	1.10E-04	--	(See Note 1)
Inorganics						
Arsenic	8.00	6.30	6.40	9.95	--	(See Note 1)
Semi-volatile Organics						
	COMP-19-9-11-SB-7 3-6 (See Note 2)	19-9-11-SB-7 10-15 10/14/05	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Benzol(a)anthracene	0.39	0.12	N/A (See Note 7)	1.1	300	No
Benzol(a)pyrene	0.36	0.15	N/A (See Note 7)	1.1	30	No
Benzol(b)fluoranthene	0.32	0.065	N/A (See Note 7)	0.89	300	No
Benzol(k)fluoranthene	0.34	0.071	N/A (See Note 7)	1.0	3,000	No
Dibenzol(a,h)anthracene	0.21	0.22	N/A (See Note 7)	0.89	30	No
Indeno(1,2,3-cd)pyrene	0.27	0.22	N/A (See Note 7)	0.76	300	No
Phenanthrene	0.29	0.24	N/A (See Note 7)	0.81	100	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	2.90E-06	1.10E-04	N/A (See Note 7)	2.00E-02	No
Inorganics						
Arsenic	--	6.05	N/A (See Note 7)	7.34	20	No

Notes:

- The SVOC results presented for 19-9-9-SB-1 (3-5) are used to delineate sample 19-9-11-SB-7 (3-6) to the west. The Total TEQs and Inorganic results are not presented herein, as these results are included in the evaluation of Parcel 19-9-9.
- The SVOC results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-9-11-SB-7-E (3-6); 10/14/05), 19-9-9-SB-1 (3-5); 6/23/03), and 19-9-11-SB-7 (3-6); 3/9/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQs were evaluated in the 1- to 15-foot depth increment only.
- Total TEQ concentrations in *italics* represent the maximum value for the sample location/depth in question.
- Shaded numbers in bold and *italics* represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

Parcel 19-10-8 (bank)

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical	Historical	Historical	Historical
			SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	SLB-1 Bottom Bank SLB-1BB 0-1 06/01/06	SLB-1 Bottom Bank SLB-1BB 1-3 06/01/06	SLB-1 Bottom Bank SLB-1BB 3-5 06/01/06
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethane		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical	Historical	Historical	Historical
			SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	SLB-1 Bottom Bank SLB-1BB 0-1 06/01/06	SLB-1 Bottom Bank SLB-1BB 1-3 06/01/06	SLB-1 Bottom Bank SLB-1BB 3-5 08/01/06
1,2,4,5-Tetrachlorobenzene		16	ND(95)	ND(0.87) J	NA	NA
1,2,4-Trichlorobenzene		480	ND(95)	ND(0.87) J	NA	NA
1,2-Dichlorobenzene		370	ND(95)	ND(0.87)	NA	NA
1,2-Diphenyl/diazine		0.56	ND(95)	ND(0.87)	NA	NA
1,3,5-Trinitrobenzene		1600	ND(95)	ND(4.4)	NA	NA
1,3-Dichlorobenzene		41	ND(95)	ND(0.87)	NA	NA
1,3-Dinitrobenzene		5.5	ND(95)	ND(0.87) J	NA	NA
1,4-Dichlorobenzene		3	ND(95)	ND(0.87)	NA	NA
1,4-Naphthoquinone		55	ND(95)	ND(0.87) J	NA	NA
1-Naphthylamine		Not Listed	ND(1100)	ND(4.4) J	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(95)	ND(0.87) J	NA	NA
2,4,5-Trichlorophenol		5500	ND(460)	ND(0.87) J	NA	NA
2,4,6-Trichlorophenol		40	ND(95)	ND(0.87) J	NA	NA
2,4-Dichlorophenol		160	ND(95)	ND(0.87) J	NA	NA
2,4-Dimethylphenol		1100	NA	ND(0.87) J	NA	NA
2,4-Dinitrophenol		110	ND(460)	ND(4.4) J	NA	NA
2,4-Dinitrotoluene		110	ND(95)	ND(0.87) J	NA	NA
2,6-Dichlorophenol		160	ND(95)	ND(0.87) J	NA	NA
2,6-Dinitrotoluene		55	ND(95)	ND(0.87) J	NA	NA
2-Acetylaminofluorene		0.56	ND(95)	ND(1.7)	NA	NA
2-Chloronaphthalene		3700	ND(95)	ND(0.87) J	NA	NA
2-Chlorophenol		59	ND(95)	ND(0.87) J	NA	NA
2-Methylaphthalene		55	ND(95)	ND(0.87) J	NA	NA
2-Methylphenol		2700	ND(95)	ND(0.87) J	NA	NA
2-Naphthylamine		Not Listed	ND(1600)	ND(4.4) J	NA	NA
2-Nitroaniline		3.3	ND(460)	ND(0.87) J	NA	NA
2-Nitrophenol		Not Listed	ND(95)	ND(0.87) J	NA	NA
2-Picoline		55	ND(670)	ND(0.87) J	NA	NA
3&4-Methylphenol		270	ND(95)	0.59 J	NA	NA
3,3-Dichlorobenzidine		0.99	ND(190)	ND(1.7)	NA	NA
3,3-Dimethylbenzidine		0.048	ND(760)	ND(4.4)	NA	NA
3-Methylcholanthrene		0.056	ND(290)	ND(0.87)	NA	NA
3-Nitroaniline		5.5	ND(460)	ND(4.4) J	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(460)	ND(4.4)	NA	NA
4-Aminobiphenyl		1400	ND(480)	ND(0.87)	NA	NA
4-Bromophenyl-phenylether		160	ND(95)	ND(0.87)	NA	NA
4-Chloro-3-Methylphenol		2700	ND(95)	ND(0.87) J	NA	NA
4-Chloroaniline		220	ND(95)	ND(4.4) J	NA	NA
4-Chlorobenzilate		1.6	ND(95)	ND(0.87)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(95)	ND(0.87) J	NA	NA
4-Methylphenol		270	ND(95)	NA	NA	NA
4-Nitroaniline		5.5	ND(460)	ND(4.4) J	NA	NA
4-Nitrophenol		3400	ND(460)	ND(4.4) J	NA	NA
4-Nitroquinoline-1-oxide		110	ND(95)	ND(1.7) J	NA	NA
4-Phenylendiamine		10000	ND(480)	ND(1.7) J	NA	NA
5-Nitro-o-toluidine		13	ND(190)	ND(0.87) J	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(190)	ND(0.87)	NA	NA
a,a-Dimethylphenethylamine		55	ND(95)	ND(4.4)	NA	NA
Acenaphthene		2600	ND(95)	ND(0.87) J	NA	NA
Acenaphthylene		55	ND(95)	0.69 J	NA	NA
Acetophenone		0.49	ND(95)	ND(0.87) J	NA	NA
Aniline		78	ND(95)	ND(0.87) J	NA	NA
Anthracene		14000	ND(95)	0.46 J	NA	NA
Aramite		18	ND(95)	ND(0.87)	NA	NA
Benzidine		0.0019	ND(480)	ND(1.7) J	NA	NA
Benzo(a)anthracene		0.56	ND(95)	1.1	NA	NA
Benzo(a)pyrene		0.056	ND(95)	2.3	NA	NA
Benzo(b)fluoranthene		0.56	ND(95)	ND(0.87)	NA	NA
Benzo(g,h,i)perylene		55	ND(95)	ND(0.87)	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical	Historical	Historical	Historical
			SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	SLB-1 Bottom Bank SLB-1BB 0-1 06/01/06	SLB-1 Bottom Bank SLB-1BB 1-3 06/01/06	SLB-1 Bottom Bank SLB-1BB 3-5 06/01/06
Semi-volatile Organics (continued)						
Benzof(k)fluoranthene		5.6	ND(95)	ND(0.87)	NA	NA
Benzolc Acid		100000	ND(460)	NA	NA	NA
Benzyl Alcohol		16000	ND(95)	ND(1.7) J	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(95)	ND(0.87) J	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(95)	ND(0.87) J	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(95)	ND(0.87) J	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(95)	ND(0.87)	NA	NA
Butylbenzylphthalate		930	ND(95)	ND(0.87)	NA	NA
Chrysene		56	12 J	2.1	NA	NA
Diallate		7.3	ND(95)	ND(0.87)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(95)	ND(0.87)	NA	NA
Dibenzofuran		210	ND(95)	ND(0.87) J	NA	NA
Diethylphthalate		44000	ND(95)	ND(0.87) J	NA	NA
Dimethylphthalate		100000	ND(95)	ND(0.87) J	NA	NA
Di-n-Butylphthalate		5500	ND(95)	1.2	NA	NA
Di-n-Octylphthalate		1100	ND(95)	ND(0.87)	NA	NA
Dinoseb		55	ND(190)	NA	NA	NA
Diphenylamine		1400	ND(95)	ND(0.87)	NA	NA
Ethyl Methacrylate		140	ND(190)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(95)	ND(0.87) J	NA	NA
Fluoranthene		2000	ND(95)	3.0	NA	NA
Fluorene		1800	ND(95)	ND(0.87) J	NA	NA
Hexachlorobenzene		0.28	ND(95)	ND(0.87)	NA	NA
Hexachlorobutadiene		5.7	ND(95)	ND(0.87) J	NA	NA
Hexachlorocyclopentadiene		380	ND(95)	ND(1.7) J	NA	NA
Hexachloroethane		32	ND(95)	ND(0.87) J	NA	NA
Hexachlorophene		16	ND(480)	ND(0.87) J	NA	NA
Hexachloropropene		Not Listed	ND(190)	ND(1.7) J	NA	NA
Indenol(1,2,3-cd)pyrene		0.56	ND(95)	ND(0.87)	NA	NA
Isodrin		Not Listed	ND(95)	ND(0.87)	NA	NA
Isophorone		470	ND(95)	ND(0.87) J	NA	NA
Isosafrole		Not Listed	ND(95)	ND(0.87) J	NA	NA
Methapyrene		55	ND(380)	ND(0.87)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(95)	ND(0.87) J	NA	NA
Naphthalene		55	ND(95)	0.17 J	NA	NA
Nitrobenzene		16	ND(95)	ND(0.87) J	NA	NA
N-Nitrosodimethylamine		0.003	ND(95)	ND(0.87) J	NA	NA
N-Nitrosodimethylamine		0.0087	ND(95)	ND(0.87) J	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(190)	ND(0.87) J	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(95)	ND(0.87) J	NA	NA
N-Nitrosodiphenylamine		91	ND(95)	ND(0.87)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(95)	ND(0.87) J	NA	NA
N-Nitrosomorpholine		0.21	ND(95)	ND(0.87) J	NA	NA
N-Nitrosopyridine		0.21	ND(95)	ND(0.87) J	NA	NA
N-Nitrosopyrrolidine		0.21	ND(95)	ND(0.87) J	NA	NA
o,o-o'-Triethylphosphorothioate		11	ND(95)	ND(0.87) J	NA	NA
o-Tolidine		1.9	ND(95)	ND(0.87) J	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(290)	ND(0.87)	NA	NA
Pentachlorobenzene		44	ND(190)	ND(0.87) J	NA	NA
Pentachloroethane		2.8	ND(190)	ND(0.87) J	NA	NA
Pentachloronitrobenzene		1.7	ND(190)	ND(0.87)	NA	NA
Pentachlorophenol		2.5	ND(460)	ND(4.4)	NA	NA
Phenacetin		640	ND(95)	ND(0.87)	NA	NA
Phenanthrene		55	ND(95)	1.1	NA	NA
Phenol		33000	ND(95)	2.2 J	NA	NA
Promamide		4100	ND(290)	ND(0.87)	NA	NA
Pyrene		1500	ND(95)	2.2	NA	NA
Pyridine		55	ND(95)	ND(0.87) J	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical	Historical	Historical	Historical
			SLB-1 Bottom Bank SLB-1-BB 0-0.5 01/19/95	SLB-1 Bottom Bank SLB-1-BB 0-1 06/10/06	SLB-1 Bottom Bank SLB-1BB 1-3 06/10/06	SLB-1 Bottom Bank SLB-1BB 3-5 06/10/06
Semi-volatile Organics (continued)						
Saflrole	Not Listed	Not Listed	ND(95)	ND(0.87) J	NA	NA
Sulfotep	27	330	ND(95)	NA	NA	NA
Thionazin			ND(95)	ND(1.7)	NA	NA
Furans						
2,3,7,8-TCDF	Not Applicable	Not Applicable	0.00014 Y	NA	NA	NA
TCDFs (total)	Not Applicable	Not Applicable	0.0011	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	Not Applicable	ND(0.000064)	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	Not Applicable	0.00014 J	NA	NA	NA
PeCDDs (total)	Not Applicable	Not Applicable	0.0024	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	Not Applicable	0.00022	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	Not Applicable	ND(0.000076)	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	Not Applicable	ND(0.000024)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	Not Applicable	ND(0.000088)	NA	NA	NA
HxCDFs (total)	Not Applicable	Not Applicable	0.00095	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	Not Applicable	0.00047	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	Not Applicable	ND(0.000059)	NA	NA	NA
HpCDFs (total)	Not Applicable	Not Applicable	0.0010	NA	NA	NA
OCDF	Not Applicable	Not Applicable	0.00060	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	Not Applicable	ND(0.0000084)	NA	NA	NA
TCDDs (total)	Not Applicable	Not Applicable	ND(0.000065)	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	Not Applicable	ND(0.00017)	NA	NA	NA
PeCDDs (total)	Not Applicable	Not Applicable	ND(0.00017)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	Not Applicable	ND(0.000036)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	Not Applicable	ND(0.000063)	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	Not Applicable	ND(0.000070)	NA	NA	NA
HxCDDs (total)	Not Applicable	Not Applicable	0.00027	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	Not Applicable	0.0011	NA	NA	NA
HpCDDs (total)	Not Applicable	Not Applicable	0.0020	NA	NA	NA
OCDD	Not Applicable	Not Applicable	0.0073	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	Not Applicable	0.00015	NA	NA	NA
Inorganics						
Aluminum	75000		3430	NA	NA	NA
Antimony	30		ND(14.6)	NA	NA	NA
Arsenic	0.38		4.30	NA	NA	NA
Barium	5200		126	NA	NA	NA
Beryllium	150		0.290 B	NA	NA	NA
Cadmium	37		20.8	NA	NA	NA
Calcium	Not Listed		6480	NA	NA	NA
Chromium	210		94.7	NA	NA	NA
Cobalt	3300		ND(5.80)	NA	NA	NA
Copper	2800		1050	NA	NA	NA
Cyanide	11		ND(1.30)	NA	NA	NA
Iron	22000		21100	NA	NA	NA
Lead	400		396	NA	1870	459
Magnesium	Not Listed		1580	NA	NA	NA
Manganese	3100		266	NA	NA	NA
Mercury	22		1.80	NA	NA	NA
Nickel	1500		63.9	NA	NA	NA
Potassium	Not Listed		528 B	NA	NA	NA
Selenium	370		1.70	NA	NA	NA
Silver	370		24.9	NA	NA	NA
Sodium	Not Listed		153 B	NA	NA	NA
Sulfide	350		NA	NA	NA	NA
Thallium	6		ND(0.570)	NA	NA	NA
Tin	45000		NA	NA	NA	NA
Vanadium	520		121	NA	NA	NA
Zinc	22000		958	NA	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI		PDI
				19-10-8-SB-2 0-1 03/07/05	19-10-8-SB-2 5-7 03/07/05	
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0094)	ND(0.0060)	
1,1,1-Trichloroethane		680	NA	ND(0.0057)	ND(0.0060)	
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0094)	ND(0.0060)	
1,1,2-Trichloroethane		0.82	NA	ND(0.0057)	ND(0.0060)	
1,1-Dichloroethane		570	NA	ND(0.0094)	ND(0.0060)	
1,1-Dichloroethane		0.052	NA	ND(0.0057)	ND(0.0060)	
1,1-Dichloroethane		0.0014	NA	ND(0.0057)	ND(0.0060)	
1,2,3-Trichloropropane		0.32	NA	ND(0.0094)	ND(0.0060)	
1,2-Dibromo-3-chloropropane		0.0049	NA	ND(0.0057)	ND(0.0060)	
1,2-Dibromoethane		0.34	NA	ND(0.0094)	ND(0.0060)	
1,2-Dichloroethane		0.34	NA	ND(0.0057)	ND(0.0060)	
1,2-Dichloropropane		0.34	NA	ND(0.0057)	ND(0.0060)	
1,4-Dioxane		40	NA	ND(0.19)	ND(0.12) J	
2-Butanone		6900	NA	ND(0.011)	ND(0.012)	
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0094)	ND(0.0060)	
2-Chloroethylvinylether		0.18	NA	ND(0.0057)	ND(0.0060)	
2-Hexanone		750	NA	ND(0.019)	ND(0.012)	
3-Chloropropene		2700	NA	ND(0.0057)	ND(0.0060)	
4-Methyl-2-pentanone		750	NA	ND(0.011)	ND(0.012)	
Acetone		1400	NA	0.0064 J	0.74	
Acetonitrile		200	NA	ND(0.19)	ND(0.12) J	
Acrolein		0.1	NA	ND(0.11)	ND(0.19)	
Acrylonitrile		0.19	NA	ND(0.0057)	ND(0.0060)	
Benzene		0.62	NA	ND(0.0057)	ND(0.0060)	
Bromodichloromethane		0.98	NA	ND(0.0057)	ND(0.0060)	
Bromoforn		56	NA	ND(0.0057)	ND(0.0060)	
Bromomethane		3.8	NA	ND(0.0057)	ND(0.0060)	
Carbon Disulfide		350	NA	ND(0.0094)	ND(0.0060) J	
Carbon Tetrachloride		0.23	NA	ND(0.0057)	ND(0.0060)	
Chlorobenzene		54	NA	ND(0.0057)	ND(0.0060)	
Chloroethane		1600	NA	ND(0.0057)	ND(0.0060)	
Chloroform		0.24	NA	ND(0.0057)	ND(0.0060)	
Chloromethane		1.2	NA	ND(0.0057)	ND(0.0060)	
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0094)	ND(0.0060)	
Dibromochloromethane		5.3	NA	ND(0.0057)	ND(0.0060)	
Dibromomethane		550	NA	ND(0.0057)	ND(0.0060)	
Dichlorodifluoromethane		94	NA	ND(0.0057)	ND(0.0060)	
Ethyl Methacrylate		140	NA	ND(0.0057)	ND(0.0060)	
Ethylbenzene		230	NA	ND(0.0057)	ND(0.0060)	
Iodomethane		1.2	NA	ND(0.0057)	ND(0.0060) J	
Isobutanol		10000	NA	ND(0.11)	ND(0.12) J	
Methacrylonitrile		1.8	NA	ND(0.0057)	ND(0.0060)	
Methyl Methacrylate		2200	NA	ND(0.0057)	ND(0.0060)	
Methylene Chloride		8.5	NA	ND(0.0094)	ND(0.0060)	
Propionitrile		200	NA	ND(0.011)	ND(0.012)	
Styrene		1700	NA	ND(0.0057)	ND(0.0060)	
Tetrachloroethene		4.7	NA	ND(0.0057)	ND(0.0060)	
Toluene		520	NA	ND(0.0057)	ND(0.0060)	
trans-1,2-Dichloroethene		62	NA	ND(0.0057)	ND(0.0060)	
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0094)	ND(0.0060)	
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0057)	ND(0.0060)	
Trichloroethene		2.7	NA	ND(0.0057)	ND(0.0060)	
Trichlorofluoromethane		380	NA	ND(0.0057)	ND(0.0060)	
Vinyl Acetate		420	NA	ND(0.0057)	ND(0.0060)	
Vinyl Chloride		0.021	NA	ND(0.0057)	ND(0.0060)	
Xylenes (total)		210	NA	0.0055 J	0.0092 J	

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/1996	PDI 19-10-8-SB-2 0-1 03/07/06	PDI 19-10-8-SB-2 5-7 03/07/05	PDI 19-10-8-SB-3 0-1 06/13/03
1,2,4,5-Tetrachlorobenzene		16	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,2,4-Trichlorobenzene		480	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,2-Dichlorobenzene		370	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,2-Diphenylhydrazine		0.56	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,3,5-Trinitrobenzene		1600	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,3-Dichlorobenzene		41	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,3-Dinitrobenzene		5.5	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
1,4-Dichlorobenzene		3	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
1,4-Naphthoquinone		55	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
1-Naphthylamine		Not Listed	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
2,3,4,6-Tetrachlorophenol		1600	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2,4,5-Trichlorophenol		5500	ND(6.5)	ND(0.38)	ND(0.62)	ND(0.40)
2,4,6-Trichlorophenol		40	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2,4-Dichlorophenol		160	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2,4-Dinitrophenol		1100	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2,4-Dinitrotoluene		110	ND(2.7)	ND(1.9)	ND(3.2)	ND(2.0) J
2,6-Dichlorophenol		160	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2,6-Dinitrotoluene		55	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2-Acetylaminofluorene		0.56	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
2-Chloronaphthalene		3700	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2-Chlorophenol		59	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2-Methylnaphthalene		55	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
2-Methylphenol		2700	ND(2.7)	ND(0.38)	ND(0.62)	0.25 J
2-Naphthylamine		Not Listed	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
2-Nitroaniline		3.3	ND(6.5)	ND(1.9)	ND(3.2)	ND(2.0)
2-Nitrophenol		Not Listed	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
2-Picoline		55	ND(5.3)	ND(0.38)	ND(0.62)	ND(0.40)
3&4-Methylphenol		270	ND(2.7)	ND(0.77)	ND(1.2)	0.28 J
3,3-Dichlorobenzidine		0.99	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
3,3-Dimethylbenzidine		0.048	ND(5.3)	ND(0.38)	ND(0.62)	ND(0.40)
3-Methylcholanthrene		0.056	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
3-Nitroaniline		5.5	ND(6.5)	ND(1.9)	ND(3.2)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(6.5)	ND(0.38)	ND(0.62)	ND(0.40)
4-Aminobiphenyl		1400	ND(5.3)	ND(1.2)	ND(0.81)	ND(0.40)
4-Bromophenylphenylether		160	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
4-Chloro-3-Methylphenol		2700	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
4-Chloroaniline		220	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
4-Chlorobenzilate		1.6	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
4-Chlorophenylphenylether		Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(6.5)	ND(1.9)	ND(3.2)	ND(2.0)
4-Nitrophenol		3400	ND(6.5)	ND(1.9)	ND(3.2)	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
4-Phenylendiamine		10000	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
5-Nitro-o-tolidine		13	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
7,12-Dimethylbenz(a)anthracene		0.056	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
a,a-Dimethylphenethylamine		55	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
Acenaphthene		2600	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Acenaphthylene		55	1.1 J	0.20 J	ND(0.62)	0.12 J
Acetophenone		0.49	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Aniline		78	20	ND(0.38)	ND(0.62)	ND(0.40)
Anthracene		14000	0.63 J	0.17 J	0.062 J	1.1
Aramite		18	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
Benidine		0.0019	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81) J
Benzo(a)anthracene		0.56	3.6	0.79	0.23 J	1.1
Benzo(a)pyrene		0.056	5.1	0.83	0.17 J	1.0
Benzo(b)fluoranthene		0.56	5.8	0.81	0.18 J	1.3
Benzo(g,h,i)perylene		55	1.1 J	0.60	0.11 J	0.69

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/1/1995	PDI 19-10-8-SB-2 19-10-8-SB-2 0-1 03/07/05	PDI 19-10-8-SB-2 19-10-8-SB-2 5-7 03/07/05	PDI 19-10-8-SB-3 19-10-8-SB-3 0-1 06/13/03
Benzoc(k)fluoranthene		5.6	6.3	0.86	0.20 J	0.49
Benzoic Acid		100000	NA	NA	NA	NA
Benzyl Alcohol		16000	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
bis(2-Chloroethoxy)methane		Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
bis(2-Chloroethyl)ether		0.18	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
bis(2-Chloroisopropyl)ether		2.5	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
bis(2-Ethylhexyl)phthalate		32	0.28 J	0.30 J	ND(0.62)	ND(0.40)
Butylbenzylphthalate		930	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Chrysene		56	5.0	0.79	0.26 J	1.2
Diallate		7.3	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
Dibenzof(a,h)anthracene		0.056	0.36 J	0.12 J	ND(0.62)	ND(0.40)
Dibenzofuran		210	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Diethylphthalate		44000	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Dimethylphthalate		100000	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Di-n-Butylphthalate		5500	0.29 JB	ND(0.38)	ND(0.62)	ND(0.40)
Di-n-Octylphthalate		1100	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Dioseeb		55	ND(2.7)	NA	NA	NA
Diphenylamine		1400	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Fluoranthene		2000	8.9	1.2	0.47 J	2.8
Fluorene		1800	ND(2.7)	0.052 J	ND(0.62)	ND(0.40)
Hexachlorobenzene		0.28	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Hexachlorobutadiene		5.7	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Hexachlorocyclopentadiene		380	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40) J
Hexachloroethane		32	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Hexachlorophene		16	ND(13)	ND(0.77)	ND(1.2)	ND(0.81) J
Hexachloropropene		Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Indeno(1,2,3-cd)pyrene		0.56	1.3 J	0.54	ND(0.62)	0.68
Isodrin		Not Listed	NA	ND(0.38)	ND(0.62)	ND(0.40)
Isophorone		470	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Isosafrole		Not Listed	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
Methacrylene		55	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
Methyl Methanesulfonate		Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Naphthalene		55	0.89 J	0.039 J	0.082 J	ND(0.40)
Nitrobenzene		16	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitrosodimethylamine		0.003	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitrosodimethylamine		0.0087	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitroso-di-n-butylamine		0.022	ND(2.7)	ND(1.2)	ND(1.2)	ND(0.81)
N-Nitroso-di-n-propylamine		0.063	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitrosodiphenylamine		91	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitrosomethylethylamine		0.02	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
N-Nitrosomorpholine		0.21	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N-Nitrosopyrrolidine		0.21	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
N,N-Dimethylphosphorothioate		0.21	ND(2.7)	ND(1.2)	ND(1.2)	ND(0.81)
O,O,O'-Triethylphosphorothioate		11	NA	ND(0.38)	ND(0.62)	ND(0.40)
o-Toluidine		1.9	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
p-Dimethylaminoazobenzene		0.99	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81)
Pentachlorobenzene		44	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Pentachloroethane		2.8	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Pentachloronitrobenzene		1.7	ND(2.7)	ND(0.77)	ND(1.2)	ND(0.81) J
Phenacetin		2.5	ND(6.5)	ND(1.9)	ND(3.2)	ND(2.0)
Pentachlorophenol		640	ND(5.3)	ND(0.77)	ND(1.2)	ND(0.81)
Phenanthrene		55	3.6	0.61	0.20 J	1.0
Phenol		33000	ND(2.7)	ND(0.38)	ND(0.62)	0.66
Pronamide		4100	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)
Pyrene		1500	7.6	1.2	0.44 J	2.6
Pyridine		55	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth/Feet: Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-1 Top Bank SLB-1-TB 0-0.5 10/11/95	PDI 19-10-8-SB-2 0-1 03/07/05	PDI 19-10-8-SB-2 5-7 03/07/05	PDI 19-10-8-SB-3 0-1 06/13/03
Satrole	Not Listed	ND(2.7)	ND(0.38)	ND(0.62)	ND(0.40)	
Sulfotep	27	NA	NA	NA	NA	NA
Thionazin	330	NA	ND(0.38)	ND(0.62)	ND(0.40) J	
Furans						
2,3,7,8-TCDF	Not Applicable	NA	0.000027 Y	0.0000080 Y	0.0000097 Y1	
TCDFs (total)	Not Applicable	NA	0.00022	0.00016	0.00013	
1,2,3,7,8-PeCDF	Not Applicable	NA	0.0000085	0.0000082 J	0.0000032	
2,3,4,7,8-PeCDF	Not Applicable	NA	0.000011	0.000014	0.0000046	
PeCDFs (total)	Not Applicable	NA	0.00013	0.00011	0.000054	
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.000010	0.000016	0.000022 1	
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.0000071	0.000013	0.0000022	
1,2,3,6,7,8-HxCDF	Not Applicable	NA	ND(0.00000030)	ND(0.00000057)	ND(0.00000036)	
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.0000045 J	0.000014	0.0000024	
HxCDFs (total)	Not Applicable	NA	0.000086	0.000093	0.000064	
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.000037	0.000049	0.000013	
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	ND(0.00000024)	ND(0.00000039)	0.0000011	
HpCDFs (total)	Not Applicable	NA	0.000063	0.000061	0.000015	
OCDF	Not Applicable	NA	0.000042	0.000014 J	ND(0.0000023) X	
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	ND(0.00000018)	ND(0.00000072)	ND(0.00000019)	
TCDDs (total)	Not Applicable	NA	0.0000034	0.000017	0.0000040	
1,2,3,7,8-PeCDD	Not Applicable	NA	ND(0.00000069)	ND(0.00000026)	ND(0.00000045)	
PeCDDs (total)	Not Applicable	NA	0.0000032	0.000016	ND(0.00000045)	
1,2,3,4,7,8-HxCDD	Not Applicable	NA	ND(0.00000090)	ND(0.00000020)	ND(0.00000042)	
1,2,3,6,7,8-HxCDD	Not Applicable	NA	ND(0.00000025)	ND(0.00000031)	0.0000012	
1,2,3,7,8,9-HxCDD	Not Applicable	NA	ND(0.00000028)	ND(0.00000022)	0.0000015	
HxCDDs (total)	Not Applicable	NA	0.000018	0.000026	0.0000058	
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.000038	0.000016	0.000014	
HpCDDs (total)	Not Applicable	NA	0.00011	0.000031	0.000028	
OCDD	Not Applicable	NA	0.000030	0.000022	0.000010	
Total TEQs (WHO TEFs)	Not Applicable	NA	0.000012	0.000015	0.0000070	
Inorganics						
Aluminum	75000	NA	NA	NA	NA	NA
Antimony	30	NA	ND(6.00)	ND(6.00)	2.60 B	
Arsenic	0.38	NA	17.0	11.0	23.0	
Barium	5200	NA	76.0	180	100	
Beryllium	150	NA	0.360 B	0.210 B	0.210 B	
Cadmium	37	NA	0.200 B	1.60	0.150 B	
Calcium	Not Listed	NA	NA	NA	NA	
Chromium	210	NA	16.0	21.0	12.0	
Cobalt	3300	NA	13.0	6.30	8.40	
Copper	2800	NA	68.0	170	92.0	
Cyanide	11	NA	1.30	0.840	0.160	
Iron	22000	NA	NA	NA	NA	
Lead	400	NA	330	660	250	
Magnesium	Not Listed	NA	NA	NA	NA	
Manganese	3100	NA	NA	NA	NA	
Mercury	22	NA	0.290	1.10	0.500	
Nickel	1500	NA	25.0	14.0	18.0	
Potassium	Not Listed	NA	NA	NA	NA	
Selenium	370	NA	2.40	5.20	0.740 J	
Silver	370	NA	ND(1.00)	0.230 B	0.140 B	
Sodium	Not Listed	NA	NA	NA	NA	
Sulfide	350	NA	18.0	1500	ND(6.00)	
Thallium	6	NA	ND(1.10)	1.60 B	ND(1.20)	
Tin	45000	NA	8.30 B	56.0	ND(21.0)	
Vanadium	520	NA	18.0	17.0	10.0	
Zinc	22000	NA	150	520	130	

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(ft/eq): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI
			19-10-8-SB-3 19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-5 19-10-8-SB-5 0-1 06/13/03	19-10-8-SB-5 19-10-8-SB-5 3-5 06/13/03
1,1,1,2-Tetrachloroethane		2,8	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,1-Trichloroethane		680	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,2,2-Tetrachloroethane		0,36	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1,2-Trichloroethane		0,82	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1-Dichloroethane		570	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,1-Dichloroethene		0,052	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2,3-Trichloropropane		0,0014	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dibromo-3-chloropropane		0,32	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dibromoethane		0,0049	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dichloroethane		0,34	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,2-Dichloropropane		0,34	ND(0.0058)	ND(0.0065)	ND(0.0064)
1,4-Dioxane		40	ND(0.12) J	ND(0.13) J	ND(0.13) J
2-Butanone		6900	ND(0.012)	ND(0.013)	ND(0.013)
2-Chloro-1,3-butadiene		3,6	ND(0.0058)	ND(0.0065)	ND(0.0064)
2-Chloroethyvinylether		0,18	ND(0.0058)	ND(0.0065)	ND(0.0064)
2-Hexanone		750	ND(0.012)	ND(0.013)	ND(0.013)
3-Chloropropene		2700	ND(0.0058)	ND(0.0065)	ND(0.0064)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.013)	ND(0.013)
Acetone		1400	ND(0.023)	ND(0.026)	ND(0.025)
Acetonitrile		200	ND(0.12) J	ND(0.13) J	ND(0.13) J
Acrolein		0,1	ND(0.12) J	ND(0.13) J	ND(0.13) J
Acrylonitrile		0,19	ND(0.0058)	ND(0.0065)	ND(0.0064)
Benzene		0,62	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromodichloromethane		0,98	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromoforn		56	ND(0.0058)	ND(0.0065)	ND(0.0064)
Bromomethane		3,8	ND(0.0058)	ND(0.0065)	ND(0.0064)
Carbon Disulfide		350	ND(0.0058) J	ND(0.0065) J	ND(0.0064) J
Carbon Tetrachloride		0,23	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chlorobenzene		54	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloroethane		1600	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloroform		0,24	ND(0.0058)	ND(0.0065)	ND(0.0064)
Chloromethane		1,2	ND(0.0058)	ND(0.0065)	ND(0.0064)
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dibromochloromethane		5,3	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dibromomethane		550	ND(0.0058)	ND(0.0065)	ND(0.0064)
Dichlorodifluoromethane		94	ND(0.0058)	ND(0.0065)	ND(0.0064)
Ethyl Methacrylate		140	ND(0.0058)	ND(0.0065)	ND(0.0064)
Ethylbenzene		230	ND(0.0058)	ND(0.0065)	ND(0.0064)
Iodomethane		1,2	ND(0.0058) J	ND(0.0065) J	ND(0.0064) J
Isobutanol		10000	ND(0.12) J	ND(0.13) J	ND(0.13) J
Methacrylonitrile		1,8	ND(0.0058)	ND(0.0065)	ND(0.0064)
Methyl Methacrylate		2200	ND(0.0058)	ND(0.0065)	ND(0.0064)
Methylene Chloride		8,5	ND(0.0058)	ND(0.0065)	ND(0.0064)
Propionitrile		200	ND(0.012)	ND(0.013)	ND(0.013)
Styrene		1700	ND(0.0058)	ND(0.0065)	ND(0.0064)
Tetrachloroethene		4,7	ND(0.0058)	ND(0.0065)	ND(0.0064)
Toluene		520	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,2-Dichloroethene		62	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	ND(0.0065)	ND(0.0064)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	ND(0.0065)	ND(0.0064)
Trichloroethene		2,7	ND(0.0058)	ND(0.0065)	ND(0.0064)
Trichlorofluoromethane		380	ND(0.0058)	ND(0.0065)	ND(0.0064)
Vinyl Acetate		420	ND(0.0058)	ND(0.0065)	ND(0.0064)
Vinyl Chloride		0,021	ND(0.0058)	ND(0.0065)	ND(0.0064)
Xylenes (total)		210	ND(0.0058)	ND(0.0065)	ND(0.0064)

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-3 19-10-8-SB-3 1-3 06/13/03	PDI 19-10-8-SB-5 19-10-8-SB-5 0-1 06/13/03	PDI 19-10-8-SB-5 19-10-8-SB-5 3-5 06/13/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	ND(0.44)	ND(0.42)
1,2,4-Trichlorobenzene		480	ND(0.39)	ND(0.44)	ND(0.42)
1,2-Dichlorobenzene		370	ND(0.39)	ND(0.44)	ND(0.42)
1,2-Diphenylhydrazine		0.56	ND(0.39)	ND(0.44)	ND(0.42)
1,3,5-Trinitrobenzene		1600	ND(0.39)	ND(0.44)	ND(0.42)
1,3-Dichlorobenzene		41	ND(0.39)	ND(0.44)	ND(0.42)
1,3-Dinitrobenzene		5.5	ND(0.78)	ND(0.88)	ND(0.85)
1,4-Dichlorobenzene		3	ND(0.39)	ND(0.44)	ND(0.42)
1,4-Naphthoquinone		55	ND(0.78)	ND(0.88)	ND(0.85)
1-Naphthylamine		Not Listed	ND(0.78)	ND(0.88)	ND(0.85)
2,3,4,6-Tetrachlorophenol		1600	ND(0.39)	ND(0.44)	ND(0.42)
2,4,5-Trichlorophenol		5500	ND(0.39)	ND(0.44)	ND(0.42)
2,4,6-Trichlorophenol		40	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dichlorophenol		160	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dimethylphenol		1100	ND(0.39)	ND(0.44)	ND(0.42)
2,4-Dinitrophenol		110	ND(2.0) J	ND(2.2) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(0.39)	ND(0.44)	ND(0.42)
2,6-Dichlorophenol		160	ND(0.39)	ND(0.44)	ND(0.42)
2,6-Dinitrotoluene		55	ND(0.39)	ND(0.44)	ND(0.42)
2-Acetylaminofluorene		0.56	ND(0.78)	ND(0.88)	ND(0.85)
2-Chloronaphthalene		3700	ND(0.39)	ND(0.44)	ND(0.42)
2-Chlorophenol		59	ND(0.39)	ND(0.44)	ND(0.42)
2-Methylnaphthalene		55	ND(0.39)	ND(0.44)	ND(0.42)
2-Methylphenol		2700	0.19 J	0.21 J	0.22 J
2-Naphthylamine		Not Listed	ND(0.78)	ND(0.88)	ND(0.85)
2-Nitroaniline		3.3	ND(2.0)	ND(2.2)	ND(2.2)
2-Nitrophenol		Not Listed	ND(0.78)	ND(0.88)	ND(0.85)
2-Picoline		55	ND(0.39)	ND(0.44)	ND(0.42)
3&4-Methylphenol		270	0.25 J	0.24 J	0.69 J
3,3-Dichlorobenzidine		0.99	ND(0.78)	ND(0.88)	ND(0.85)
3,3'-Dimethylbenzidine		0.048	ND(0.39)	ND(0.44)	ND(0.42)
3-Methylcholanthrene		0.056	ND(0.78)	ND(0.88)	ND(0.85)
3-Nitroaniline		5.5	ND(2.0)	ND(2.2)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(0.39)	ND(0.44)	ND(0.42)
4-Aminobiphenyl		1400	ND(0.78)	ND(0.88)	ND(0.85)
4-Bromophenyl-phenylether		160	ND(0.39)	ND(0.44)	ND(0.42)
4-Chloro-3-Methylphenol		2700	ND(0.39)	ND(0.44)	ND(0.42)
4-Chloroaniline		220	ND(0.39)	ND(0.44)	ND(0.42)
4-Chlorobenzilate		1.6	ND(0.78)	ND(0.88)	ND(0.85)
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	ND(0.44)	ND(0.42)
4-Methylphenol		270	NA	NA	NA
4-Nitroaniline		5.5	ND(2.0)	ND(2.2)	ND(2.2)
4-Nitrophenol		3400	ND(2.0) J	ND(2.2) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(0.78)	ND(0.88)	ND(0.85)
4-Phenylenediamine		10000	ND(0.78)	ND(0.88)	ND(0.85)
5-Nitro-6-toluidine		13	ND(0.78)	ND(0.88)	ND(0.85)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.78)	ND(0.88)	ND(0.85)
a,a'-Dimethylphenethylamine		55	ND(0.78)	ND(0.88)	ND(0.85)
Acenaphthene		2600	0.094 J	ND(0.44)	ND(0.42)
Acenaphthylene		55	ND(0.39)	ND(0.44)	ND(0.42)
Acetophenone		0.49	ND(0.39)	ND(0.44)	ND(0.42)
Aniline		78	ND(0.39)	ND(0.44)	ND(0.42)
Anthracene		14000	0.11 J	ND(0.44)	0.16 J
Araniline		18	ND(0.78)	ND(0.88)	ND(0.85)
Benzidine		0.0019	ND(0.78) J	ND(0.88) J	ND(0.85) J
Benzol(a)anthracene		0.56	0.31 J	ND(0.44)	0.40 J
Benzol(a)pyrene		0.056	0.30 J	ND(0.44)	0.33 J
Benzol(b)fluoranthene		0.56	0.34 J	ND(0.44)	0.39 J
Benzol(g,h,i)perylene		55	0.23 J	ND(0.44)	0.20 J

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-10-8-SB-3 19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-5 19-10-8-SB-5 0-1 06/13/03
Semi-volatile Organics (continued)				
Benzol(k)fluoranthene	5.6		ND(0.44)	0.12 J
Benzoic Acid	100000		NA	NA
Benzyl Alcohol	16000		ND(0.88)	ND(0.85)
bis(2-Chloroethoxy)methane	Not Listed		ND(0.44)	ND(0.42)
bis(2-Chloroethyl)ether	0.18		ND(0.39)	ND(0.42)
bis(2-Chloroisopropyl)ether	2.5		ND(0.39)	ND(0.42)
bis(2-Ethylhexyl)phthalate	32		ND(0.38)	ND(0.42)
Butylbenzylphthalate	930		ND(0.39)	ND(0.42)
Chrysene	56		ND(0.39)	0.41 J
Diallate	7.3		ND(0.78)	ND(0.85)
Dibenz(a,h)anthracene	0.056		ND(0.39)	ND(0.42)
Dibenzofuran	210		ND(0.39)	ND(0.42)
Diethylphthalate	44000		ND(0.39)	ND(0.42)
Dimethylphthalate	100000		ND(0.39)	ND(0.42)
Di-n-Butylphthalate	5500		ND(0.39)	ND(0.42)
Di-n-Octylphthalate	1100		ND(0.39)	ND(0.42)
Dinoseb	55		NA	NA
Diphenylamine	1400		ND(0.39)	ND(0.42)
Ethyl Methacrylate	140		NA	NA
Ethyl Methanesulfonate	Not Listed		ND(0.39)	ND(0.42)
Fluoranthene	2000		0.51	1.1
Fluorene	1800		0.12 J	ND(0.42)
Hexachlorobenzene	0.28		ND(0.39)	ND(0.42)
Hexachlorobutadiene	5.7		ND(0.39)	ND(0.42)
Hexachlorocyclopentadiene	380		ND(0.39) J	ND(0.42) J
Hexachloroethane	32		ND(0.39)	ND(0.42)
Hexachlorophene	16		ND(0.78) J	ND(0.85) J
Hexachloropropene	Not Listed		ND(0.39)	ND(0.42)
Indeno(1,2,3-cd)pyrene	0.56		0.17 J	0.22 J
Isodrin	Not Listed		ND(0.39)	ND(0.42)
Isophtorone	470		ND(0.39)	ND(0.42)
Isosafrole	Not Listed		ND(0.78)	ND(0.85)
Methapyrlene	55		ND(0.78)	ND(0.85)
Methyl Methanesulfonate	Not Listed		ND(0.39)	ND(0.42)
Naphthalene	55		ND(0.39)	ND(0.42)
Nitrobenzene	16		ND(0.39)	ND(0.42)
N-Nitrosodimethylamine	0.003		ND(0.39)	ND(0.42)
N-Nitrosodimethylamine	0.0087		ND(0.39)	ND(0.42)
N-Nitroso-di-n-butylamine	0.022		ND(0.78)	ND(0.85)
N-Nitroso-di-n-propylamine	0.063		ND(0.39)	ND(0.42)
N-Nitrosodiphenylamine	91		ND(0.39)	ND(0.42)
N-Nitrosomethylethylamine	0.02		ND(0.78)	ND(0.85)
N-Nitrosomorpholine	0.21		ND(0.39)	ND(0.42)
N-Nitrosopiperidine	0.21		ND(0.39)	ND(0.42)
N-Nitrosopyrrolidine	0.21		ND(0.78)	ND(0.85)
N,c,o-Triethylphosphorothioate	11		ND(0.39)	ND(0.42)
o-Tolidine	1.9		ND(0.39)	ND(0.42)
p-Dimethylaminoazobenzene	0.99		0.25 J	ND(0.85)
Pentachlorobenzene	44		ND(0.39)	ND(0.42)
Pentachloroethane	2.8		ND(0.39)	ND(0.42)
Pentachloronitrobenzene	1.7		ND(0.78) J	ND(0.85) J
Pentachlorophenol	2.5		ND(2.0)	ND(2.2)
Phenacetin	640		ND(0.78)	ND(0.88)
Phenanthrene	55		0.30 J	0.58
Phenol	33000		0.47	0.86
Pronamide	4100		ND(0.39)	ND(0.42)
Pyrene	1500		0.46	0.88
Pyridine	55		ND(0.39)	ND(0.42)

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI
			19-10-8-SB-3 19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-5 19-10-8-SB-5 0-1 06/13/03	19-10-8-SB-5 19-10-8-SB-5 3-5 06/13/03
Semi-volatile Organics (continued)					
Safrole	Not Listed		ND(0.39)	ND(0.44)	ND(0.42)
Sulfatep	27		NA	NA	NA
Thionazin	330		ND(0.39) J	ND(0.44) J	ND(0.42) J
Furans					
2,3,7,8-TCDF	Not Applicable		ND(0.00000023)	ND(0.00000020)	0.000013 YI
TCDFs (total)	Not Applicable		0.00000052	ND(0.00000020)	0.00023
1,2,3,7,8-PeCDF	Not Applicable		ND(0.00000019)	ND(0.00000012)	0.0000034 I
2,3,4,7,8-PeCDF	Not Applicable		ND(0.00000020)	ND(0.00000013)	0.0000054
PeCDFs (total)	Not Applicable		0.00000062	ND(0.00000012)	0.00010
1,2,3,4,7,8-HxCDF	Not Applicable		0.00000111	ND(0.00000011)	0.000039 I
1,2,3,6,7,8-HxCDF	Not Applicable		ND(0.00000013)	ND(0.00000011)	0.0000033
1,2,3,7,8,9-HxCDF	Not Applicable		ND(0.00000017)	ND(0.00000014)	ND(0.00000047)
2,3,4,6,7,8-HxCDF	Not Applicable		ND(0.00000015)	ND(0.00000012)	0.0000029
HxCDFs (total)	Not Applicable		0.0000015	ND(0.00000011)	0.0000073
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.0000011	0.00000084	0.000020
1,2,3,4,7,8,9-HpCDF	Not Applicable		ND(0.00000010)	ND(0.00000017)	0.0000016
HpCDFs (total)	Not Applicable		0.0000011	0.00000084	0.000022
OCDF	Not Applicable		0.0000016	ND(0.00000070) J	0.000022
Dioxins					
2,3,7,8-TCDD	Not Applicable		ND(0.00000012)	ND(0.00000015)	ND(0.00000023)
TCDDs (total)	Not Applicable		ND(0.00000012)	ND(0.00000015)	0.0000022
1,2,3,7,8-PeCDD	Not Applicable		ND(0.00000021)	ND(0.00000018)	ND(0.0000011)
PeCDDs (total)	Not Applicable		ND(0.00000021)	ND(0.00000018)	ND(0.0000011)
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.00000018)	ND(0.00000018)	ND(0.00000042)
1,2,3,6,7,8-HxCDD	Not Applicable		ND(0.00000016)	ND(0.00000016)	0.0000013
1,2,3,7,8,9-HxCDD	Not Applicable		ND(0.00000016)	ND(0.00000016)	0.0000016
HxCDDs (total)	Not Applicable		ND(0.00000016)	ND(0.00000016)	0.0000052
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.0000012	0.00000031	0.000025
HpCDDs (total)	Not Applicable		0.0000021	0.00000031	0.000043
OCDD	Not Applicable		0.0000075	ND(0.0000016) X	0.00019
Total TEQs (WHO TEFs)	Not Applicable		0.00000041	0.00000027	0.000010
Inorganics					
Aluminum	75000		NA	NA	NA
Antimony	30		ND(6.00)	1.40 B	2.00 B
Arsenic	0.38		6.70	5.30	6.60
Barium	5200		36.0	88.0	53.0
Beryllium	150		0.160 B	0.160 B	0.110 B
Cadmium	37		ND(0.500)	1.40	ND(0.500)
Calcium	Not Listed		NA	NA	NA
Chromium	210		4.60	18.0	4.20
Cobalt	3300		6.80	6.40	5.60
Copper	2800		20.0	67.0	50.0
Cyanide	11		0.0930 B	0.500	0.260
Iron	22000		NA	NA	NA
Lead	400		40.0	440	170
Magnesium	Not Listed		NA	NA	NA
Manganese	3100		NA	NA	NA
Mercury	22		0.0920 B	0.240	0.350
Nickel	1500		9.50	13.0	8.70
Potassium	Not Listed		NA	NA	NA
Selenium	370		ND(1.00) J	1.00 J	ND(1.00) J
Silver	370		0.200 B	0.220 B	0.130 B
Sodium	Not Listed		NA	NA	NA
Sulfide	350		28.0	88.0	77.0
Thallium	6		ND(1.20)	ND(1.30)	ND(1.30)
Tin	45000		ND(10.0)	ND(20.0)	22.0
Vanadium	520		5.30	11.0	9.20
Zinc	22000		28.0	260	74.0

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-9 19-10-8-SB-9 0-1 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 03/08/05	PDI 19-10-8-SB-16-E 19-10-8-SB-16-E 0-1 05/01/07
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,1,4-Trichloroethane		680	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1-Dichloroethane		570	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,1-Dichloroethene		0.052	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dichloroethane		0.34	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,2-Dichloropropane		0.34	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
1,4-Dioxane		40	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
2-Butanone		6900	ND(0.024) [0.037]	ND(0.014)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
2-Chloroethylvinyl/ether		0.18	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
2-Hexanone		750	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
3-Chloropropene		2700	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
4-Methyl-2-pentanone		750	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
Acetone		1400	ND(0.048) [0.11]	ND(0.028)	NA	NA
Acetonitrile		200	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Acrolein		0.1	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Acrylonitrile		0.19	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Benzene		0.62	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromodichloromethane		0.98	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromoform		56	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Bromomethane		3.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Carbon Disulfide		350	ND(0.012) J [ND(0.0064) J]	ND(0.0071) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chlorobenzene		54	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloroethane		1600	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloroform		0.24	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Chloromethane		1.2	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dibromochloromethane		5.3	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dibromomethane		550	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Dichlorodifluoromethane		94	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Ethyl Methacrylate		140	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Ethylbenzene		230	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Iodomethane		1.2	ND(0.012) J [ND(0.0064) J]	ND(0.0071) J	NA	NA
Isobutanol		10000	ND(0.24) J [ND(0.13) J]	ND(0.14) J	NA	NA
Methacrylonitrile		1.8	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Methyl Methacrylate		2200	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Methylene Chloride		8.5	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Propionitrile		200	ND(0.024) [ND(0.013)]	ND(0.014)	NA	NA
Styrene		1700	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Tetrachloroethene		4.7	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Toluene		520	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Trichloroethene		2.7	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Trichlorofluoromethane		380	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Vinyl Acetate		420	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Vinyl Chloride		0.021	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA
Xylenes (total)		210	ND(0.012) [ND(0.0064)]	ND(0.0071)	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Region 9 Residential PRGS	PDI 19-10-8-SB-9 19-10-8-SB-9 0-1 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 03/08/05	PDI 19-10-8-SB-16-E 19-10-8-SB-16-E 0-1 05/01/07
1,2,4,5-Tetrachlorobenzene	16	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2,4-Trichlorobenzene	480	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2-Dichlorobenzene	370	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,2-Diphenylhydrazine	0.56	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3,5-Trinitrobenzene	1600	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3-Dichlorobenzene	41	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
1,3-Dinitrobenzene	5.5	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
1,4-Dichlorobenzene	3	0.24 J [0.092 J]	R	ND(7.2)	NA
1,4-Naphthoquinone	55	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
1-Naphthylamine	Not Listed	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2,3,4,6-Tetrachlorophenol	1600	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4,5-Trichlorophenol	5500	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4,6-Trichlorophenol	40	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dichlorophenol	160	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dimethylphenol	1100	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2,4-Dinitrophenol	110	ND(4.1) [ND(2.2) J]	ND(3.3)	ND(36)	NA
2,6-Dinitrotoluene	160	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
2,6-Dichlorophenol	55	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2-Acetylaminofluorene	0.56	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2-Chloronaphthalene	3700	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
2-Chlorophenol	59	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2-Methylnaphthalene	55	ND(0.80) [ND(0.42)]	0.18 J	ND(7.2)	NA
2-Methylphenol	2700	0.20 J [ND(0.42)]	ND(0.66)	ND(7.2)	NA
2-Naphthylamine	Not Listed	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
2-Nitroaniline	3.3	ND(4.1) [ND(2.2) J]	R	ND(36)	NA
2-Nitrophenol	Not Listed	ND(1.6) [ND(0.85)]	ND(0.95)	ND(7.2)	NA
2-Picoline	55	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
3,8,4-Methylphenol	270	0.27 J [ND(0.85)]	ND(0.95)	ND(7.2)	NA
3,3'-Dichlorobenzidine	0.99	ND(1.6) [ND(0.85)]	R	ND(14)	NA
3,3'-Dimethylbenzidine	0.048	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
3-Methylcholanthrene	0.056	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
3-Nitroaniline	5.5	ND(4.1) [ND(2.2) J]	R	ND(36)	NA
4,6-Dinitro-2-methylphenol	55	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
4-Aminobiphenyl	1400	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
4-Bromophenyl-phenylether	160	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Chloro-3-Methylphenol	2700	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
4-Chloroaniline	220	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Chlorobenzilate	1.6	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
4-Chlorophenyl-phenylether	Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
4-Methylphenol	270	NA	NA	NA	NA
4-Nitroaniline	5.5	ND(4.1) [ND(2.2) J]	R	ND(7.2)	NA
4-Nitrophenol	3400	ND(4.1) J [ND(2.2) J]	ND(3.3)	ND(36)	NA
4-Nitroquinoline-1-oxide	110	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
4-Phenylenediamine	10000	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
5-Nitro-o-toluidine	13	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
7,12-Dimethylbenz(a)anthracene	0.056	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
a,a'-Dimethylphenethylamine	55	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Acenaphthene	2600	0.40 J [ND(0.42)]	2.6 J	15	NA
Acenaphthylene	55	0.20 J [ND(0.42)]	R	1.6 J	NA
Acetophenone	0.49	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Aniline	78	15 J [0.14 J]	0.64 J	ND(7.2)	NA
Anthracene	14000	0.43 J [0.099 J]	R	2.0 J	NA
Aniline	18	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Benidine	0.0019	ND(1.6) [ND(0.85)]	R	ND(14)	NA
Benz(a)anthracene	0.56	1.6 J [0.32 J]	0.37 J	6.2 J	NA
Benz(a)pyrene	0.056	1.3 J [0.32 J]	0.36 J	6.4 J	NA
Benz(b)fluoranthene	0.56	1.4 J [0.34 J]	R	5.4 J	NA
Benz(g,h,i)perylene	55	ND(0.80) [ND(0.42)]	0.14 J	4.2 J	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	PDI 19-10-8-SB-9 19-10-8-SB-9 0-1 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 03/08/05	PDI 19-10-8-SB-16-E 19-10-8-SB-16-E 0-1 05/01/07
Semivolatile Organics (continued)						
Benzoc(k)fluoranthene		5.6	1.3 J [0.30 J]	R	6.2 J	NA
Benzic Acid		100000	NA	NA	NA	NA
Benzyl Alcohol		16000	ND(1.6) [ND(0.85)]	ND(1.3)	ND(14)	NA
Bis(2-Chloroethoxy)methane		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Bis(2-Chloroethyl)ether		0.18	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
Bis(2-Chloroisopropyl)ether		2.5	ND(0.80) [ND(0.42) J]	R	ND(7.2)	NA
Bis(2-Ethylhexyl)phthalate		32	ND(0.80) [ND(0.42)]	R	ND(3.6)	NA
Butylbenzylphthalate		930	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Chrysene		56	2.1 J [0.43 J]	0.42 J	8.0	NA
Diallate		7.3	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Dibenz(a,h)anthracene		0.056	ND(0.80) [ND(0.42)]	R	0.76 J	NA
Dibenzofuran		210	0.20 J [ND(0.42)]	R	ND(7.2)	NA
Diethylphthalate		44000	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Dimethylphthalate		100000	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
D,n-Butylphthalate		5500	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
Di-n-Octylphthalate		1100	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
Dimoseb		55	NA	NA	NA	NA
Diphenylamine		1400	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Fluoranthene		2000	0.83 J [0.83 J]	0.85 J	13	NA
Fluorene		1800	0.34 J [ND(0.42)]	R	1.2 J	NA
Hexachlorobenzene		0.28	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachlorobutadiene		5.7	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachlorocyclopentadiene		380	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
Hexachloroethane		32	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Hexachloropropane		16	ND(1.6) J [ND(0.85) J]	0.28 J	ND(14)	NA
Hexachloropropene		Not Listed	ND(0.80) J [ND(0.42) J]	R	ND(7.2)	NA
Indeno(1,2,3-cd)pyrene		0.56	ND(0.80) [ND(0.42)]	0.18 J	3.1 J	NA
Isodrin		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Isophorone		470	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Isotrolole		Not Listed	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Methacrylone		55	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Methyl Methanesulfonate		Not Listed	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Naphthalene		55	0.28 J [ND(0.42)]	ND(0.95) J	ND(7.2)	NA
Nitrobenzene		16	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodimethylamine		0.003	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodimethylamine		0.0087	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitroso-di-n-butylamine		0.022	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosodiphenylamine		91	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosomethylpropylamine		0.02	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
N-Nitrosomorpholine		0.21	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
N-Nitrosopyrrolidine		0.21	ND(0.80) [ND(0.42)]	ND(0.66)	ND(7.2)	NA
O,o-o-Triethylphosphorothioate		0.21	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
O-1-oluidine		11	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
p-Dimethylaminoazobenzene		1.9	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pentachlorobenzene		0.99	ND(1.6) [ND(0.85)]	R	ND(7.2)	NA
Pentachloroethane		44	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pentachloronitrobenzene		2.8	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pentachloronitrobenzol		1.7	ND(1.6) J [ND(0.85) J]	R	ND(7.2)	NA
Phenacetin		640	ND(4.1) [ND(2.2)]	ND(3.3)	ND(36)	NA
Phenanthrene		55	1.8 J [0.39 J]	0.44 J	6.3 J	NA
Phenol		33000	1.2 J [0.16 J]	0.25 J	ND(7.2)	NA
Pronamide		4100	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Pyrene		1500	4.0 J [0.83 J]	0.87 J	16	NA
Pyridine		55	ND(0.80) [ND(0.42)]	R	ND(7.2)	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-9 19-10-8-SB-9 0-1 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 06/16/03	PDI 19-10-8-SB-9 19-10-8-SB-9 1-3 03/08/05	PDI 19-10-8-SB-16-E 19-10-8-SB-16-E 0-1 05/01/07
Semivolatile Organics (continued)						
Sairole	Not Listed		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Sulfotep	27		NA	NA	NA	NA
Thionazin	330		ND(0.80) [ND(0.42)]	R	ND(7.2)	NA
Furans						
2,3,7,8-TCDF	Not Applicable		ND(0.000079) XY [ND(0.000025)]	ND(0.000095) Y	NA	NA
TCDFs (total)	Not Applicable		0.0060 J [0.00039 J]	0.00086	NA	NA
1,2,3,7,8-PeCDF	Not Applicable		0.0016 I [ND(0.000020)]	0.00021 I	NA	NA
2,3,4,7,8-PeCDF	Not Applicable		0.00033 [ND(0.000021)]	0.000036	NA	NA
PeCDFs (total)	Not Applicable		0.0019 J [0.00025 J]	0.0014	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable		0.012 IJ [0.00021 IJ]	0.0012 I	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable		0.00037 [ND(0.000092)]	0.000039	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable		0.000050 [ND(0.000012)]	ND(0.000010)	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable		0.00025 [ND(0.000010)]	ND(0.000087)	NA	NA
HxCDFs (total)	Not Applicable		0.020 J [0.00032 J]	0.0017	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.0013 J [ND(0.000046) XJ]	0.00013	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable		0.00036 [ND(0.000083)]	0.000032	NA	NA
HpCDFs (total)	Not Applicable		0.0018 [ND(0.000064)]	0.00016	NA	NA
OCDF	Not Applicable		0.0013 J [0.000060 J]	0.00010	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable		ND(0.000030) [ND(0.000095)]	ND(0.000089)	NA	NA
TCDDs (total)	Not Applicable		0.00014 [ND(0.000095)]	ND(0.000089)	NA	NA
1,2,3,7,8-PeCDD	Not Applicable		ND(0.00012) [ND(0.000019)]	ND(0.000026)	NA	NA
PeCDDs (total)	Not Applicable		ND(0.00012) [ND(0.000019)]	ND(0.000026)	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.000082) [ND(0.000016)]	ND(0.000019)	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable		ND(0.000074) [ND(0.000014)]	ND(0.000017)	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable		0.00020 [ND(0.000014)]	ND(0.000017)	NA	NA
HxCDDs (total)	Not Applicable		0.00020 [ND(0.000014)]	ND(0.000017)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.0022 J [0.00010 J]	0.00013	NA	NA
HpCDDs (total)	Not Applicable		0.0039 J [0.00010 J]	0.00025	NA	NA
OCDD	Not Applicable		0.0075 J [0.00038 J]	0.00040	NA	NA
Total TEQs (WHO TEFs)	Not Applicable		0.0017 [0.000047]	0.00018	NA	NA
Inorganics						
Aluminum	75000		NA	NA	NA	NA
Antimony	30		5.30 J [1.10 J]	1.20 J	NA	NA
Arsenic	0.38		11.0 J [6.50 J]	9.00 J	NA	NA
Barium	5200		120 [90.0]	48.0	NA	NA
Beryllium	150		0.230 B [0.170 B]	0.190 B	NA	NA
Cadmium	37		11.0 J [0.910 J]	ND(0.500) J	NA	NA
Calcium	Not Listed		NA	NA	NA	NA
Chromium	210		35.0 J [9.40 J]	9.70 J	NA	NA
Cobalt	3300		6.00 [4.50 B]	8.80	NA	NA
Copper	2800		300 J [49.0 J]	36.0 J	NA	NA
Cyanide	11		1.30 J [0.26 J]	0.0340 J	NA	NA
Iron	22000		NA	NA	NA	NA
Lead	400		570 J [310 J]	110 J	NA	680
Magnesium	Not Listed		NA	NA	NA	NA
Manganese	3100		NA	NA	NA	NA
Mercury	22		1.70 J [0.830 J]	0.230 J	NA	NA
Nickel	1500		46.0 J [11.0 J]	15.0 J	NA	NA
Potassium	Not Listed		NA	NA	NA	NA
Selenium	370		3.00 J [ND(1.00) J]	0.680 J	NA	NA
Silver	370		3.70 J [0.850 J]	0.280 J	NA	NA
Sodium	Not Listed		NA	NA	NA	NA
Sulfide	350		530 J [340 J]	94.0 J	NA	NA
Thallium	6		ND(2.40) [ND(1.30)]	ND(1.40)	NA	NA
Tin	45000		200 J [ND(10.0)]	ND(12.0)	NA	NA
Vanadium	520		43.0 J [10.0 J]	8.70 J	NA	NA
Zinc	22000		450 J [150 J]	91.0 J	NA	NA

**TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-10-8-SB-16-E 19-10-8-SB-16-E 1-3 05/01/07	19-10-8-SB-16-E 19-10-8-SB-16-E 3-5 05/01/07
Volatile Organics				
1,1,1,2,2-tetrachloroethane		2.8	NA	NA
1,1,1-Trichloroethane		680	NA	NA
1,1,2,2,2-tetrachloroethane		0.36	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA
1,1-Dichloroethane		570	NA	NA
1,1-Dichloroethene		0.052	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA
1,2-Dibromoethane		0.0049	NA	NA
1,2-Dichloroethane		0.34	NA	NA
1,2-Dichloropropane		0.34	NA	NA
1,4-Dioxane		40	NA	NA
2-Butanone		6900	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA
2-Chloroethylvinylether		0.18	NA	NA
2-Hexanone		750	NA	NA
3-Chloropropene		2700	NA	NA
4-Methyl-2-pentanone		750	NA	NA
Acetone		1400	NA	NA
Acetonitrile		200	NA	NA
Acrolein		0.1	NA	NA
Acrylonitrile		0.19	NA	NA
Benzene		0.62	NA	NA
Bromodichloromethane		0.98	NA	NA
Bromoform		56	NA	NA
Bromomethane		3.8	NA	NA
Carbon Disulfide		350	NA	NA
Carbon Tetrachloride		0.23	NA	NA
Chlorobenzene		54	NA	NA
Chloroethane		1600	NA	NA
Chloroform		0.24	NA	NA
Chloromethane		1.2	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA
Dibromochloromethane		5.3	NA	NA
Dibromomethane		550	NA	NA
Dichlorodifluoromethane		94	NA	NA
Ethyl Methacrylate		140	NA	NA
Ethylbenzene		230	NA	NA
Iodomethane		1.2	NA	NA
Isobutanol		10000	NA	NA
Methacrylonitrile		1.8	NA	NA
Methyl Methacrylate		2200	NA	NA
Methylene Chloride		8.5	NA	NA
Propionitrile		200	NA	NA
Styrene		1700	NA	NA
Tetrachloroethene		4.7	NA	NA
Toluene		520	NA	NA
trans-1,2-Dichloroethene		62	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA
Trichloroethene		2.7	NA	NA
Trichlorofluoromethane		380	NA	NA
Vinyl Acetate		420	NA	NA
Vinyl Chloride		0.021	NA	NA
Xylenes (total)		210	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth (feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-10-8-SB-16-E 19-10-8-SB-16-E 1-3 05/01/07	19-10-8-SB-16-E 19-10-8-SB-16-E 3-5 05/01/07
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA
1,2-Dichlorobenzene		370	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA
1,3-Dichlorobenzene		41	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA
1,4-Dichlorobenzene		3	NA	NA
1,4-Naphthoquinone		55	NA	NA
1-Naphthylamine		Not Listed	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA
2,4,6-Trichlorophenol		40	NA	NA
2,4-Dichlorophenol		160	NA	NA
2,4-Dimethylphenol		1100	NA	NA
2,4-Dinitrophenol		110	NA	NA
2,6-Dichlorophenol		160	NA	NA
2,6-Dinitrotoluene		55	NA	NA
2-Acetylaminofluorene		0.56	NA	NA
2-Chloronaphthalene		3700	NA	NA
2-Chlorophenol		59	NA	NA
2-Methylnaphthalene		55	NA	NA
2-Methylphenol		2700	NA	NA
2-Naphthylamine		Not Listed	NA	NA
2-Nitroaniline		3.3	NA	NA
2-Nitrophenol		Not Listed	NA	NA
2-Picoline		55	NA	NA
3&4-Methylphenol		270	NA	NA
3,3'-Dichlorobenzidine		0.99	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA
3-Methylcholanthrene		0.056	NA	NA
3-Nitroaniline		5.5	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA
4-Aminobiphenyl		1400	NA	NA
4-Bromophenyl-phenylether		160	NA	NA
4-Chloro-3-methylphenol		2700	NA	NA
4-Chloroaniline		220	NA	NA
4-Chlorobenzilate		1.6	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	NA	NA
4-Nitrophenol		3400	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA
4-Phenylenediamine		10000	NA	NA
5-Nitro-o-toluidine		13	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA
Acenaphthene		2600	NA	NA
Acenaphthylene		55	NA	NA
Acetophenone		0.49	NA	NA
Aniline		78	NA	NA
Anthracene		14000	NA	NA
Aramid		18	NA	NA
Benzidine		0.0019	NA	NA
Benzo(a)anthracene		0.56	NA	NA
Benzo(a)pyrene		0.056	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA
Benzo(g,h,i)perylene		55	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	EPA Region 9 Residential PRGs	PDI	
			19-10-8-SB-16-E 19-10-8-SB-16-E 1-3 05/01/07	19-10-8-SB-16-E 19-10-8-SB-16-E 3-5 05/01/07
Semivolatile Organics (continued)				
Benzol(K)fluoranthene		5.6	NA	NA
Benzoic Acid		100000	NA	NA
Benzyl Alcohol		16000	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA
Butylbenzylphthalate		930	NA	NA
Chrysene		56	NA	NA
Diallate		7.3	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA
Dibenzofuran		210	NA	NA
Diethylphthalate		44000	NA	NA
Dimethylphthalate		100000	NA	NA
Di-n-Butylphthalate		5500	NA	NA
Di-n-Octylphthalate		1100	NA	NA
Dinoseb		55	NA	NA
Diphenylamine		1400	NA	NA
Ethyl Methacrylate		140	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA
Fluoranthene		2000	NA	NA
Fluorene		1800	NA	NA
Hexachlorobenzene		0.28	NA	NA
Hexachlorobutadiene		5.7	NA	NA
Hexachlorocyclopentadiene		380	NA	NA
Hexachloroethane		32	NA	NA
Hexachlorophene		16	NA	NA
Hexachloropropene		Not Listed	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA
Isodrin		Not Listed	NA	NA
Isophorone		470	NA	NA
Isosafrole		Not Listed	NA	NA
Methacrylene		55	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA
Naphthalene		55	NA	NA
Nitrobenzene		16	NA	NA
N-Nitrosodietylamine		0.003	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA
N-Nitrosodiphenylamine		91	NA	NA
N-Nitrosomethylethylamine		0.02	NA	NA
N-Nitrosomorpholine		0.21	NA	NA
N-Nitrosopiperidine		0.21	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA
O,o'-Triethylphosphorothioate		11	NA	NA
o-Tolidine		1.9	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA
Pentachlorobenzene		44	NA	NA
Pentachloroethane		2.8	NA	NA
Pentachloronitrobenzene		1.7	NA	NA
Pentachlorophenol		2.5	NA	NA
Phenacetin		640	NA	NA
Phenanthrene		55	NA	NA
Phenol		33000	NA	NA
Pyrone		4100	NA	NA
Pyrene		1500	NA	NA
Pyridine		55	NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI
			19-10-8-SB-16-E 19-10-8-SB-16-E 1-3 05/01/07	19-10-8-SB-16-E 19-10-8-SB-16-E 3-5 05/01/07
Semivolatile Organics (continued)				
Safrole	Not Listed		NA	NA
Sulfotep	27		NA	NA
Thionazin	330		NA	NA
Furans				
2,3,7,8-TCDF	Not Applicable		NA	NA
TCDFs (total)	Not Applicable		NA	NA
1,2,3,7,8-PeCDD	Not Applicable		NA	NA
2,3,4,7,8-PeCDF	Not Applicable		NA	NA
PeCDFs (total)	Not Applicable		NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable		NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable		NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable		NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable		NA	NA
HxCDFs (total)	Not Applicable		NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable		NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable		NA	NA
HpCDFs (total)	Not Applicable		NA	NA
OCDF	Not Applicable		NA	NA
Dioxins				
2,3,7,8-TCDD	Not Applicable		NA	NA
TCDDs (total)	Not Applicable		NA	NA
1,2,3,7,8-PeCDD	Not Applicable		NA	NA
PeCDDs (total)	Not Applicable		NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable		NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable		NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable		NA	NA
HxCDDs (total)	Not Applicable		NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable		NA	NA
HpCDDs (total)	Not Applicable		NA	NA
OCDD	Not Applicable		NA	NA
Total TEQs (WHO TEFs)	Not Applicable		NA	NA
Inorganics				
Aluminum	75000		NA	NA
Antimony	30		NA	NA
Arsenic	0.38		NA	NA
Barium	5200		NA	NA
Beryllium	150		NA	NA
Cadmium	37		NA	NA
Calcium	Not Listed		NA	NA
Chromium	210		NA	NA
Cobalt	3300		NA	NA
Copper	2800		NA	NA
Cyanide	11		NA	NA
Iron	22000		NA	NA
Lead	400		762	219
Magnesium	Not Listed		NA	NA
Manganese	3100		NA	NA
Mercury	22		NA	NA
Nickel	1500		NA	NA
Potassium	Not Listed		NA	NA
Selenium	370		NA	NA
Silver	370		NA	NA
Sodium	Not Listed		NA	NA
Sulfide	350		NA	NA
Thallium	6		NA	NA
Tin	45000		NA	NA
Vanadium	520		NA	NA
Zinc	22000		NA	NA

TABLE E-105
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-106
COMPARISON OF DETECTED APPENDIX IX-3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
PARCEL 19-10-8 (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.28	6,900	No
Acetone	0.74	1,400	No
Xylenes (total)	0.0092	210*	No
Semivolatile Organics			
1,4-Dichlorobenzene	0.24	3	No
2-Methylnaphthalene	0.18	55*	No
2-Methylphenol	0.25	2,700	No
3&4-Methylphenol	0.69	270	No
Acenaphthene	15	2,600	No
Acenaphthylene	1.6	55*	No
Aniline	20	78	No
Anthracene	2	14,000	No
Benzo(a)anthracene	6.2	0.56	Yes
Benzo(a)pyrene	6.4	0.056	Yes
Benzo(b)fluoranthene	5.8	0.56	Yes
Benzo(g,h,i)perylene	4.2	55*	No
Benzo(k)fluoranthene	6.3	5.6	Yes
Benzyl Alcohol	0.25	16,000	No
bis(2-Ethylhexyl)phthalate	0.3	32	No
Chrysene	12	56	No
Dibenz(a,h)anthracene	0.76	0.056	Yes
Dibenzofuran	0.2	210	No
Di-n-Butylphthalate	0.29	5,500	No
Fluoranthene	13	2,000	No
Fluorene	1.2	1,800	No
Hexachlorophene	0.28	16	No
Indeno(1,2,3-cd)pyrene	3.1	0.56	Yes
Naphthalene	0.89	55	No
p-Dimethylaminoazobenzene	0.25	0.99	No
Phenanthrene	6.3	55*	No
Phenol	1.2	33,000	No
Pyrene	16	1,500	No
Inorganics			
Antimony	5.3	30	No
Arsenic	23	0.38	Yes
Barium	180	5,200	No
Beryllium	0.36	150	No
Cadmium	20.8	37	No
Chromium	94.7	210	No
Cobalt	13	3,300	No
Copper	1,050	2,800	No
Cyanide	1.3	11*	No
Lead	1,810	400	Yes
Mercury	1.8	22	No
Nickel	63.9	1,500	No
Selenium	5.2	370	No
Silver	24.9	370	No
Sulfide	1,500	350*	Yes
Thallium	1.6	6	No
Tin	200	45,000	No
Vanadium	121	520	No
Zinc	958	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX-3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzof(g,h,i)perylene, and phenanthrene), cyanide, sulfide, or xylenes (total). The PRGs for naphthalene, hydrogen cyanide, carbon disulfide, and m-xylene, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-107
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth/Feet: Date Collected:	SLB-1BB 0-0.5 (See Note 1)	SLB-1TB 0-0.5 10/11/95	19-10-8-SB-2 0-1 03/07/05	19-10-8-SB-3 0-1 06/13/03	19-10-8-SB-5 0-1 06/13/03
Semivolatile Organics					
Benzo(a)anthracene	1.2	3.6	0.79	1.1	0.22
Benzo(a)pyrene	1.3	5.1	0.83	1.0	0.22
Benzo(b)fluoranthene	1.5	5.8	0.81	1.3	0.22
Benzo(k)fluoranthene	0.72	6.3	0.86	0.49	0.22
Benzo(a,h)anthracene	0.44	0.36	0.12	0.20	0.22
Indeno(1,2,3-cd)pyrene	0.66	1.3	0.54	0.68	0.22
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.50E-04	--	1.20E-05	7.00E-06	2.70E-07
Inorganics					
Arsenic	4.30	--	17.0	23.0	5.30
Lead	396	--	330	250	440
Sulfide	--	--	18.0	3.00	88.0
Semivolatile Organics					
Sample ID: Sample Depth/Feet: Date Collected:	19-10-8-SB-9 0-1 06/16/03	19-10-8-SB-12 0-1 03/08/05	19-10-11-SB-16-SW 0-1 03/15/07	19-10-9-SB-2 0-1 06/09/03	COMP-19-10-8-SB-9 0-1 (See Note 3)
Semivolatile Organics					
Benzo(a)anthracene	0.96	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzo(a)pyrene	0.81	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzo(b)fluoranthene	0.87	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzo(k)fluoranthene	0.80	(See Note 2)	(See Note 2)	(See Note 2)	--
Dibenzo(a,h)anthracene	0.31	(See Note 2)	(See Note 2)	(See Note 2)	--
Indeno(1,2,3-cd)pyrene	0.31	(See Note 2)	(See Note 2)	(See Note 2)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.70E-03	4.20E-04	(See Note 2)	9.00E-06	1.70E-03
Inorganics					
Arsenic	8.75	(See Note 2)	(See Note 2)	(See Note 2)	--
Lead	440	(See Note 2)	27	100	189
Sulfide	435	(See Note 2)	(See Note 2)	(See Note 2)	--

See Notes on Page 2

TABLE E-107
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-16-E 0-1 05/01/07	Maximum Sample Result	Arithmetic Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semi-volatile Organics					
Benzo(a)anthracene	--	N/A (See Note 8)	1.3	7	No
Benzo(e)pyrene	--	N/A (See Note 8)	1.5	2	No
Benzo(b)fluoranthene	--	N/A (See Note 8)	1.8	7	No
Benzo(k)fluoranthene	--	N/A (See Note 8)	1.6	70	No
Dibenz(a,h)anthracene	--	N/A (See Note 8)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	--	N/A (See Note 8)	0.62	7	No
Dioxins/Furans					
Total TEQs (WHO TEQs)	--	1.70E-03	N/A (See Note 8)	1.00E-03	Yes
Inorganics					
Arsenic	--	N/A (See Note 8)	11.7	20	No
Lead	676	N/A (See Note 8)	380	300	Yes
Sulfide	--	N/A (See Note 8)	136	633*	No

Notes:

- The SVOC results presented for this sample were collected on 6/1/06. The Total TEQs and Inorganic results were collected on 1/19/95.
- The Total TEQs and lead results presented are used to delineate sample 19-10-8-SB-9 (0-1') to the southwest and to the north. The SVOCs and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcel 19-10-8 (non-bank)/Parcel 19-10-11 and Parcel 19-10-9, respectively.
- The Total TEQ result presented for this sample location represents the maximum results from the following samples (depth, date collected): 19-10-8-SB-12 (0-1'; 3/8/05), 19-10-9-SB-2 (0-1'; 6/9/03), and 19-10-8-SB-9 (0-1'; 6/16/03). The lead result presented for this sample location represents the average results from the following samples (depth, date collected): 19-10-11-SB-16-SW (0-1'; 3/15/07), 19-10-9-SB-2 (0-1'; 6/9/03), and 19-10-8-SB-9 (0-1'; 6/16/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-108
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Fee): Date Collected:	19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-9 1-3 (See Note 2)	19-10-8-SB-16-E 1-3 05/01/07	SLB-1BB 3-5 06/01/06	19-10-8-SB-5 3-5 06/13/03
Semivolatile Organics					
Benzo(a)anthracene	0.31	3.3	--	--	0.40
Benzo(e)pyrene	0.30	3.4	--	--	0.33
Benzo(b)fluoranthene	0.34	5.4	--	--	0.39
Benzo(k)fluoranthene	0.12	6.2	--	--	0.12
Dibenzo(a,h)anthracene	0.20	0.76	--	--	0.21
Indeno(1,2,3-cd)pyrene	0.17	1.6	--	--	0.22
Total TEQs (WHO TEFs)	4.10E-07	1.80E-04	--	--	1.00E-05
Inorganics					
Arsenic	6.70	9.00	--	--	6.60
Lead	1,810	110	762	459	170
Sulfide	28.0	94.0	--	--	77.0
Semivolatile Organics					
19-10-8-SB-16-E 3-5 05/01/07	19-10-8-SB-2 5-7 03/07/05	Maximum Sample Result	Arithmetic Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Benzo(a)anthracene	0.23	N/A (See Note 6)	1.1	7	No
Benzo(e)pyrene	0.17	N/A (See Note 6)	1.0	2	No
Benzo(b)fluoranthene	0.18	N/A (See Note 6)	1.6	7	No
Benzo(k)fluoranthene	0.20	N/A (See Note 6)	1.7	70	No
Dibenzo(a,h)anthracene	0.31	N/A (See Note 6)	0.37	0.7	No
Indeno(1,2,3-cd)pyrene	0.31	N/A (See Note 6)	0.59	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.50E-05	1.80E-04	N/A (See Note 6)	1.00E-03	No
Inorganics					
Arsenic	11.0	N/A (See Note 6)	8.33	20	No
Lead	660	N/A (See Note 6)	529	300	Yes
Sulfide	1,500	N/A (See Note 6)	425	633*	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - Sample 19-10-8-SB-9 presents results from two sampling events: the results presented for Benzo(a)anthracene, Benzo(e)pyrene, and Indeno(1,2,3-cd)pyrene are the average of samples collected on 6/16/2003 and 3/8/2005; the results presented for Benzo(b)fluoranthene, Benzo(k)fluoranthene, and Dibenzo(a,h)anthracene were collected on 3/8/2005; and the results presented for Total TEQs, arsenic, lead, and sulfide were collected on 6/16/2003.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - * Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-109
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-1BB 0-0.5 (See Note 1)	SLB-1TB 0-0.5 10/11/95	19-10-8-SB-2 0-1 03/07/05	19-10-8-SB-3 0-1 06/13/03	19-10-8-SB-5 0-1 06/13/03
Semivolatile Organics					
Benzol(a)anthracene	1.2	3.6	0.79	1.1	0.22
Benzol(a)pyrene	1.3	5.1	0.83	1.0	0.22
Benzol(b)fluoranthene	1.5	5.8	0.81	1.3	0.22
Benzol(k)fluoranthene	0.72	6.3	0.86	0.49	0.22
Dibenzol(a,h)anthracene	0.44	0.36	0.12	0.20	0.22
Indeno(1,2,3-cd)pyrene	0.66	1.3	0.54	0.68	0.22
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.50E-04	--	1.20E-05	7.00E-06	2.70E-07
Inorganics					
Arsenic	4.30	--	17.0	23.0	5.30
Lead	396	--	330	250	440
Sulfide	--	--	18.0	3.00	88.0
Semivolatile Organics					
Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-9 0-1 06/16/03	19-10-8-SB-12 0-1 03/08/05	19-10-11-SB-16-SW 0-1 03/15/07	19-10-9-SB-2 0-1 06/09/03	COMP-19-10-8-SB-9 0-1 (See Note 3)
Semivolatile Organics					
Benzol(a)anthracene	0.96	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzol(a)pyrene	0.81	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzol(b)fluoranthene	0.87	(See Note 2)	(See Note 2)	(See Note 2)	--
Benzol(k)fluoranthene	0.80	(See Note 2)	(See Note 2)	(See Note 2)	--
Dibenzol(a,h)anthracene	0.31	(See Note 2)	(See Note 2)	(See Note 2)	--
Indeno(1,2,3-cd)pyrene	0.31	(See Note 2)	(See Note 2)	(See Note 2)	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.00E-06	4.20E-04	(See Note 2)	9.00E-06	4.20E-04
Inorganics					
Arsenic	8.75	(See Note 2)	(See Note 2)	(See Note 2)	--
Lead	6.24	(See Note 2)	27	100	44.4
Sulfide	435	(See Note 2)	(See Note 2)	(See Note 2)	--

See Notes on Page 2

TABLE E-109
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	Maximum Sample Result	Arithmetic Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semi-volatile Organics				
Benzol(a)anthracene	N/A (See Note 8)	1.3	7	No
Benzol(a)pyrene	N/A (See Note 8)	1.5	2	No
Benzol(b)fluoranthene	N/A (See Note 8)	1.8	7	No
Benzol(k)fluoranthene	N/A (See Note 8)	1.6	70	No
Dibenzol(a,h)anthracene	N/A (See Note 8)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 8)	0.62	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.20E-04	N/A (See Note 8)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 8)	11.7	20	No
Lead	6.24	244	300	No
Sulfide	--	136	633*	No

Notes:

- The SVOC results presented for this sample were collected on 6/1/06. The Total TEQs and inorganic results were collected on 1/19/95.
- The Total TEQs and lead results presented are used to delineate sample 19-10-8-SB-9 (0-1') to the southwest and to the north. The SVOCs and remaining inorganics results are not presented herein, as these results are included in the evaluations of Parcel 19-10-8 (non-bank)/Parcel 19-10-1 and Parcel 19-10-9, respectively.
- The Total TEQ result presented for this sample location represents the maximum results from the following samples (depth, date collected): 19-10-8-SB-12 (0-1'; 3/8/05), 19-10-9-SB-2 (0-1'; 6/9/03), and 19-10-8-SB-9 (0-1'; 6/16/03). The lead result presented for this sample location represents the average results from the following samples (depth, date collected): 19-10-11-SB-16-SW (0-1'; 3/15/07), 19-10-9-SB-2 (0-1'; 6/9/03), and 19-10-8-SB-9 (0-1'; 6/16/03).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-110
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 1- TO X-FOOT [X=9] DEPTH INCREMENT (BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Date Collected:	SLB-1BB 1-3 06/01/06	19-10-8-SB-3 1-3 06/13/03	19-10-8-SB-9 1-3 (See Note 2)	19-10-8-SB-16-E 1-3 05/01/07	SLB-1BB 3-5 06/01/06	19-10-8-SB-5 3-5 06/13/03
Semivolatile Organics						
Benzol(a)anthracene	--	0.31	3.3	--	--	0.40
Benzol(a)pyrene	--	0.30	3.4	--	--	0.33
Benzol(b)fluoranthene	--	0.34	5.4	--	--	0.39
Benzol(k)fluoranthene	--	0.12	6.2	--	--	0.12
Dibenzol(a,h)anthracene	--	0.20	0.76	--	--	0.21
Indeno(1,2,3-cd)pyrene	--	0.17	1.6	--	--	0.22
Total TEQs (WHO TEFs)	--	4.10E-07	1.80E-04	--	--	1.00E-05
Inorganics						
Arsenic	--	6.70	9.00	--	--	6.60
Lead	6.24	40.0	110	6.24	459	170
Sulfide	--	28.0	94.0	--	--	77.0
19-10-8-SB-16-E						
	3-5 05/01/07	19-10-8-SB-2 5-7 03/07/05	Maximum Sample Result	Arithmetic Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzol(a)anthracene	--	0.23	N/A (See Note 6)	1.1	7	No
Benzol(a)pyrene	--	0.17	N/A (See Note 6)	1.0	2	No
Benzol(b)fluoranthene	--	0.18	N/A (See Note 6)	1.6	7	No
Benzol(k)fluoranthene	--	0.20	N/A (See Note 6)	1.7	70	No
Dibenzol(a,h)anthracene	--	0.31	N/A (See Note 6)	0.37	0.7	No
Indeno(1,2,3-cd)pyrene	--	0.31	N/A (See Note 6)	0.59	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	1.50E-05	1.80E-04	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	11.0	N/A (See Note 6)	8.33	20	No
Lead	219	660	N/A (See Note 6)	209	300	No
Sulfide	--	1,500	N/A (See Note 6)	425	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- Sample 19-10-8-SB-9 presents results from two sampling events: the results presented for Benzol(a)anthracene, Benzol(a)pyrene, and Indeno(1,2,3-cd)pyrene are the average of samples collected on 6/16/2003 and 3/8/2005; the results presented for Benzol(b)fluoranthene, Benzol(k)fluoranthene, and Dibenzol(a,h)anthracene were collected on 3/8/2005; and the results presented for Total TEQs, arsenic, lead, and sulfide were collected on 6/16/2003.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

ARCADIS BBL

Parcel 19-10-8 (non-bank)

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-10-8-SB-12 SL-BH001208-0-0050 5-7 02/02/04	PDI	PDI	PDI
				19-10-8-SB-12 0-1 03/08/05	19-10-8-SB-12 3-5 03/08/05	19-10-8-SB-12 7-9 03/08/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,1-Trichloroethane		680	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,2,2-Tetrachloroethane		0.36	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1,2-Trichloroethane		0.82	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1-Dichloroethane		570	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,1-Dichloroethene		0.052	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dibromoethane		0.0049	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dichloroethane		0.34	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,2-Dichloropropane		0.34	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
1,4-Dioxane		40	NA	ND(0.14)	ND(0.13)	ND(0.12)
2-Butanone		6900	NA	ND(0.014)	ND(0.013)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
2-Chloroethylvinylether		0.18	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
2-Hexanone		750	NA	ND(0.014)	ND(0.013)	ND(0.012)
3-Chloropropene		2700	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
4-Methyl-2-pentanone		750	NA	ND(0.014)	ND(0.013)	ND(0.012)
Acetone		1400	NA	ND(0.027)	ND(0.026)	ND(0.024)
Acetonitrile		200	NA	ND(0.14)	ND(0.13)	ND(0.12)
Acrolein		0.1	NA	ND(0.14)	ND(0.13)	ND(0.12)
Acrylonitrile		0.19	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Benzene		0.62	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromodichloromethane		0.98	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromoform		56	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Bromomethane		3.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Carbon Disulfide		350	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Carbon Tetrachloride		0.23	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chlorobenzene		54	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloroethane		1600	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloroform		0.24	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Chloromethane		1.2	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dibromochloromethane		5.3	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dibromomethane		550	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Dichlorodifluoromethane		94	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Ethyl Methacrylate		140	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Ethylbenzene		230	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Iodomethane		1.2	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Isobutanol		10000	NA	ND(0.14)	ND(0.13)	ND(0.12)
Methacrylonitrile		1.8	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Methyl Methacrylate		2200	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Methylene Chloride		8.5	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Propionitrile		200	NA	ND(0.014)	ND(0.013)	ND(0.012)
Styrene		1700	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Tetrachloroethane		4.7	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Toluene		520	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,2-Dichloroethane		62	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Trichloroethene		2.7	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Trichlorofluoromethane		380	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Vinyl Acetate		420	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Vinyl Chloride		0.021	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)
Xylenes (total)		210	NA	ND(0.0068)	ND(0.0065)	ND(0.0061)

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-10-8-SB-12 SL-BH001208-0-0050 5-7 02/02/04	PDI 19-10-8-SB-12 0-1 03/08/05	PDI 19-10-8-SB-12 3-5 03/08/05	PDI 19-10-8-SB-12 7-9 03/08/05
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
1,2,4-Trichlorobenzene		480	0.072 J	ND(0.45)	ND(4.4)	ND(0.41)
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
1,2-Diphenylhydrazine		0.56	NA	ND(0.45)	ND(4.4)	ND(0.41)
1,3,5-Trinitrobenzene		1600	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
1,3-Dinitrobenzene		5.5	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
1,4-Naphthoquinone		55	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
1-Naphthylamine		Not Listed	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
2,3,4,6-Tetrachlorophenol		1600	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2,4,5-Trichlorophenol		5500	ND(1.1)	ND(0.45)	ND(4.4)	ND(0.41)
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dichlorophenol		160	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dimethylphenol		1100	0.32 J	ND(0.45)	ND(4.4)	ND(0.41)
2,4-Dinitrophenol		110	ND(1.1)	ND(2.3)	ND(2.2)	ND(2.1)
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2,6-Dichlorophenol		160	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2-Acetylaminofluorene		0.56	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
2-Chloronaphthalene		3700	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2-Chlorophenol		59	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
2-Methylnaphthalene		55	0.32 J	ND(0.45)	ND(4.4)	ND(0.41)
2-Methylphenol		2700	0.070 J	ND(0.45)	ND(4.4)	ND(0.41)
2-Naphthylamine		Not Listed	ND(0.44) J	ND(0.91)	ND(4.4)	ND(0.82)
2-Nitroaniline		3.3	ND(1.1)	ND(2.3)	ND(2.2)	ND(2.1)
2-Picoline		55	ND(0.44) J	ND(0.91)	ND(4.4)	ND(0.82)
3&4-Methylphenol		270	NA	ND(0.91)	ND(4.4)	ND(0.82)
3,3-Dichlorobenzidine		0.99	ND(0.44)	ND(0.91)	ND(8.7)	ND(0.82)
3,3-Dimethylbenzidine		0.048	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
3-Methylcholanthrene		0.056	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
3-Nitroaniline		5.5	ND(1.1)	ND(2.3)	ND(2.2)	ND(2.1)
4,6-Dinitro-2-methylphenol		55	ND(1.1)	ND(0.45)	ND(4.4)	ND(0.41)
4-Aminobiphenyl		1400	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
4-Chloro-3-Methylphenol		2700	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
4-Chloroaniline		220	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
4-Chlorobenzilate		1.6	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
4-Chlorophenyl-phenylether		Not Listed	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
4-Methylphenol		270	0.38 J	NA	NA	NA
4-Nitroaniline		5.5	ND(1.1)	ND(2.3)	ND(4.4)	ND(2.1)
4-Nitrophenol		3400	ND(1.1) J	ND(2.3)	ND(2.2)	ND(2.1)
4-Nitroquinoline-1-oxide		110	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
4-Phenylenediamine		10000	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
5-Nitro-o-toluidine		13	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
a,a-Dimethylphenethylamine		55	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Acenaphthene		2600	0.46 J	ND(0.45)	ND(4.4)	ND(0.41)
Acenaphthylene		55	0.12 J	0.19 J	ND(4.4)	ND(0.41)
Acetophenone		0.49	0.046 J	ND(0.45)	ND(4.4)	ND(0.41)
Aniline		78	ND(1.1) J	ND(0.45)	ND(4.4)	ND(0.41)
Anthracene		14000	0.49 J	0.14 J	ND(4.4)	0.060 J
Aranilite		18	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Azobenzene		4	ND(0.44)	NA	NA	NA
Benzidine		0.0019	NA	ND(0.91)	ND(8.7)	ND(0.82)
Benz(a)anthracene		0.56	1.2 J	0.59	0.80 J	0.13 J
Benz(a)pyrene		0.056	1.2 J	0.57	0.83 J	0.10 J
Benz(b)fluoranthene		0.56	1.2 J	0.47	0.79 J	0.093 J

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	EPA Region 9 Residential PRGs	EPA 19-10-8-SB-12 SL-BH001208-0-0050 5-7 02/02/04	PDI 19-10-8-SB-12 0-1 03/08/05	PDI 19-10-8-SB-12 3-5 03/08/05	PDI 19-10-8-SB-12 7-9 03/08/05
Semi-volatile Organics (continued)						
Benzol(g,h,i)perylene		55	0.86 J	0.32 J	ND(4.4)	0.066 J
Benzol(k)fluoranthene		5,6	1.2 J	0.59	ND(8.7)	0.091 J
Benzyl Alcohol		16000	ND(0.44) J	ND(0.91)	ND(4.4)	ND(0.82)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Chloroethyl)ether		0.18	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Chloroisopropyl)ether		2.5	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
bis(2-Ethylhexyl)phthalate		32	ND(0.44)	1.1	ND(2.2)	ND(0.40)
Butylbenzylphthalate		930	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Chrysene		56	1.5 J	0.67	0.94 J	0.11 J
Diallate		7.3	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Dibenz(a,h)anthracene		0.056	0.34 J	0.068 J	ND(4.4)	ND(0.41)
Dibenzofuran		210	0.20 J	ND(0.45)	ND(4.4)	ND(0.41)
Diethylphthalate		44000	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Dimethylphthalate		100000	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Di-n-Butylphthalate		5500	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Di-n-Octylphthalate		1100	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Diphenylamine		1400	NA	ND(0.45)	ND(4.4)	ND(0.41)
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Fluoranthene		2000	1.8 J	1.2	1.6 J	0.19 J
Fluorene		1800	0.37 J	0.046 J	ND(4.4)	ND(0.41)
Hexachlorobenzene		0.28	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorocyclopentadiene		380	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Hexachloroethane		32	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Hexachlorophene		16	NA	ND(0.91)	ND(8.7)	ND(0.82)
Hexachloropropene		Not Listed	ND(0.44) J	ND(0.45)	ND(4.4)	ND(0.41)
Indeno(1,2,3-cd)pyrene		0.56	0.75 J	0.26 J	ND(4.4)	ND(0.41)
Isodrin		Not Listed	NA	ND(0.45)	ND(4.4)	ND(0.41)
Isophorone		470	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Isosafrole		Not Listed	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Methacrylene		55	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Naphthalene		55	0.61 J	ND(0.45)	ND(4.4)	0.12 J
Nitrobenzene		16	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodimethylamine		0.003	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodimethylamine		0.0087	ND(0.44) J	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitroso-di-n-butylamine		0.022	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosomethylamine		0.02	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
N-Nitrosopyrrolidine		0.21	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
o,o,o-Triethylphosphorothioate		0.21	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
o-Toluidine		1.9	NA	ND(0.45)	ND(4.4)	ND(0.41)
p-Dimethylaminoazobenzene		0.99	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Pentachlorobenzene		44	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Pentachlorobutene		2.8	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Pentachloronitrobenzene		1.7	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Pentachlorophenol		2.5	ND(1.1)	ND(2.3)	ND(2.2)	ND(2.1)
Phenacetin		640	ND(0.44)	ND(0.91)	ND(4.4)	ND(0.82)
Phenanthrene		55	2.1 J	0.64	0.78 J	0.18 J
Phenol		33000	0.28 J	ND(0.45)	ND(4.4)	ND(0.41)
Pronamide		4100	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Pyrene		1500	3.1 J	1.2	1.9 J	0.21 J
Pyridine		55	ND(0.44) J	ND(0.45)	ND(4.4)	ND(0.41)
Safrole		Not Listed	ND(0.44)	ND(0.45)	ND(4.4)	ND(0.41)
Thiozazin		330	NA	ND(0.45)	ND(4.4)	ND(0.41)

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	EPA 19-10-8-SB-12 SL-BH001208-0-0050 5-7 02/02/04	PDI 19-10-8-SB-12 0-1 03/08/05	PDI 19-10-8-SB-12 3-5 03/08/05	PDI 19-10-8-SB-12 7-9 03/08/05
Herbicides		55	ND(0.44)	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Applicable	NA	0.00064 Y	0.000061 Y	0.0000017 Y	
TCDFs (total)	Not Applicable	NA	0.0022	0.00062	0.000020	
1,2,3,7,8-PeCDF	Not Applicable	NA	0.00018	0.000012	ND(0.00000091)	
2,3,4,7,8-PeCDF	Not Applicable	NA	0.00058	0.000019	ND(0.00000069)	
PeCDFs (total)	Not Applicable	NA	0.0027	0.00041	0.000013	
1,2,3,4,7,8-HxCDF	Not Applicable	NA	0.00018	0.000040	0.0000035 J	
1,2,3,6,7,8-HxCDF	Not Applicable	NA	0.000096	0.000024 I	ND(0.0000021)	
1,2,3,7,8,9-HxCDF	Not Applicable	NA	0.000051 J	ND(0.00000086)	ND(0.00000031)	
2,3,4,6,7,8-HxCDF	Not Applicable	NA	0.00013	0.000013	ND(0.00000078)	
HxCDFs (total)	Not Applicable	NA	0.0011	0.00045	0.000019	
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	0.000092	0.00011	0.0000045 J	
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	0.000012	0.000014	ND(0.0000014)	
HpCDFs (total)	Not Applicable	NA	0.00017	0.00026	0.0000090	
OCDF	Not Applicable	NA	0.000045	0.00012	ND(0.00000030)	
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	0.0000024	ND(0.00000051)	ND(0.00000018)	
TCDDs (total)	Not Applicable	NA	0.000049	0.0000088	ND(0.00000038)	
1,2,3,7,8-PeCDD	Not Applicable	NA	0.000010	ND(0.00000027)	ND(0.00000049)	
PeCDDs (total)	Not Applicable	NA	0.000072	ND(0.000012)	ND(0.0000013)	
1,2,3,4,7,8-HxCDD	Not Applicable	NA	0.000077	ND(0.0000021)	ND(0.00000020)	
1,2,3,6,7,8-HxCDD	Not Applicable	NA	0.000014	0.0000050 J	ND(0.00000051)	
1,2,3,7,8,9-HxCDD	Not Applicable	NA	0.000018	0.000063	ND(0.0000015)	
HxCDDs (total)	Not Applicable	NA	0.00017	0.000063	ND(0.0000015)	
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	0.00021	0.00018	0.0000040 J	
HpCDDs (total)	Not Applicable	NA	0.00037	0.00035	0.0000083	
OCDD	Not Applicable	NA	0.00067	0.0017	0.000011 J	
Total TEQs (WHO TEFs)	Not Applicable	NA	0.00042	0.00030	0.0000014	
Inorganics						
Antimony	30	NA	1.20 B	0.940 B	ND(6.00)	
Arsenic	0.38	NA	7.00	8.50	4.40	
Barium	5200	NA	39.0	260	24.0	
Beryllium	150	NA	0.220 B	0.430 B	0.140 B	
Cadmium	37	NA	0.770	0.790	ND(0.500)	
Chromium	210	NA	8.00	19.0	8.70	
Cobalt	3300	NA	5.30	9.30	7.20	
Copper	2800	NA	22.0	52.0	17.0	
Cyanide	11	NA	0.140 B	0.210	ND(0.120)	
Lead	400	NA	180	790	30.0	
Mercury	22	NA	0.840	0.260	0.0590 B	
Nickel	1500	NA	13.0	18.0	15.0	
Selenium	370	NA	4.20	1.50	1.20	
Silver	370	NA	0.240 B	0.580 B	0.160 B	
Sulfide	350	NA	24.0	210	130	
Thallium	6	NA	ND(1.40)	ND(1.30)	ND(1.20)	
Tin	45000	NA	6.60 B	8.80 B	4.10 B	
Vanadium	520	NA	11.0	15.0	6.90	
Zinc	22000	NA	140	280	58.0	

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-16-SS 0-1 06/01/06	PDI 19-10-8-SB-16-SS 3-5 03/14/07	PDI 19-10-8-SB-17 0-1 03/07/05	PDI 19-10-8-SB-17 5-7 03/07/05
Volatiles Organics						
1,1,1,2-1-tetrachloroethane		2.8	NA	NA	ND(0.0065)	ND(0.014)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0065)	ND(0.014)
1,1,2,2-1-tetrachloroethane		0.36	NA	NA	ND(0.0065)	ND(0.014)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0065)	ND(0.014)
1,1-Dichloroethane		570	NA	NA	ND(0.0065)	ND(0.014)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0065)	ND(0.014)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0065)	ND(0.014)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0065)	ND(0.014)
1,4-Dioxane		40	NA	NA	ND(0.13)	ND(0.27)
2-Butanone		6900	NA	NA	ND(0.013)	0.30
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0065)	ND(0.014)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0065)	ND(0.014)
2-Hexanone		750	NA	NA	ND(0.13)	ND(0.027)
3-Chloropropene		2700	NA	NA	ND(0.0065)	ND(0.014)
4-Methyl-2-pentanone		750	NA	NA	ND(0.013)	ND(0.027)
Acetone		1400	NA	NA	ND(0.026)	0.54
Acetonitrile		200	NA	NA	ND(0.13)	ND(0.27)
Acrolein		0.1	NA	NA	ND(0.13)	ND(0.27)
Acrylonitrile		0.19	NA	NA	ND(0.0065)	ND(0.014)
Benzene		0.62	NA	NA	ND(0.0065)	ND(0.014)
Bromodichloromethane		0.98	NA	NA	ND(0.0065)	ND(0.014)
Bromofom		56	NA	NA	ND(0.0065)	ND(0.014)
Bromomethane		3.8	NA	NA	ND(0.0065)	ND(0.014)
Carbon Disulfide		350	NA	NA	ND(0.0065)	ND(0.014)
Carbon Tetrachloride		0.23	NA	NA	ND(0.0065)	ND(0.014)
Chlorobenzene		54	NA	NA	ND(0.0065)	ND(0.014)
Chloroethane		1600	NA	NA	ND(0.0065)	ND(0.014)
Chloroform		0.24	NA	NA	ND(0.0065)	ND(0.014)
Chloromethane		1.2	NA	NA	ND(0.0065)	ND(0.014)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
Dibromochloromethane		5.3	NA	NA	ND(0.0065)	ND(0.014)
Dibromomethane		550	NA	NA	ND(0.0065)	ND(0.014)
Dichlorodifluoromethane		94	NA	NA	ND(0.0065)	ND(0.014)
Ethyl Methacrylate		140	NA	NA	ND(0.0065)	ND(0.014)
Ethylbenzene		230	NA	NA	ND(0.0065)	ND(0.014)
Iodomethane		1.2	NA	NA	ND(0.0065)	ND(0.014)
Isobutanol		10000	NA	NA	ND(0.13)	ND(0.27)
Methacrylonitrile		1.8	NA	NA	ND(0.0065)	ND(0.014)
Methyl Methacrylate		2200	NA	NA	ND(0.0065)	ND(0.014)
Methylene Chloride		8.5	NA	NA	ND(0.014)	ND(0.014)
Propionitrile		200	NA	NA	ND(0.013)	ND(0.027)
Styrene		1700	NA	NA	ND(0.0065)	ND(0.014)
Tetrachloroethene		4.7	NA	NA	ND(0.0065)	ND(0.014)
Toluene		520	NA	NA	0.0044 J	ND(0.014)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0065)	ND(0.014)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0065)	ND(0.014)
Trichloroethene		2.7	NA	NA	ND(0.0065)	ND(0.014)
Trichlorofluoromethane		380	NA	NA	ND(0.0065)	ND(0.014)
Vinyl Acetate		420	NA	NA	ND(0.0065)	ND(0.014)
Vinyl Chloride		0.021	NA	NA	ND(0.0065)	ND(0.014)
Xylenes (total)		210	NA	NA	0.0061 J	0.013 J

TABLE E-111
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		
			19-10-8-SB-16-SS 0-1 06/01/06	19-10-8-SB-16-SS 3-5 03/14/07	19-10-8-SB-17 0-1 03/07/05	19-10-8-SB-17 5-7 03/07/05	
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	NA	ND(0.43)	ND(0.91)	
1,2,4-Trichlorobenzene		480	NA	NA	ND(0.43)	ND(0.91)	
1,2-Dichlorobenzene		370	NA	NA	ND(0.43)	ND(0.91)	
1,2-Diphenylhydrazine		0.56	NA	NA	ND(0.43)	ND(0.91)	
1,3,5-Trinitrobenzene		1600	NA	NA	ND(0.43)	ND(0.91)	
1,3-Dichlorobenzene		41	NA	NA	ND(0.43)	ND(0.91)	
1,3-Dinitrobenzene		5.5	NA	NA	ND(0.87)	ND(1.8)	
1,4-Dichlorobenzene		3	NA	NA	ND(0.43)	ND(0.91)	
1,4-Naphthoquinone		55	NA	NA	ND(0.87)	ND(1.8)	
1-Naphthylamine		Not Listed	NA	NA	ND(0.87)	ND(1.8)	
2,3,4,6-Tetrachlorophenol		1600	NA	NA	ND(0.43)	ND(0.91)	
2,4,5-Trichlorophenol		5500	NA	NA	ND(0.43)	ND(0.91)	
2,4,6-Trichlorophenol		40	NA	NA	ND(0.43)	ND(0.91)	
2,4-Dichlorophenol		160	NA	NA	ND(0.43)	ND(0.91)	
2,4-Dimethylphenol		1100	NA	NA	ND(0.43)	ND(0.91)	
2,4-Dinitrophenol		110	NA	NA	ND(2.2)	ND(4.6)	
2,4-Dinitrotoluene		140	NA	NA	ND(0.43)	ND(0.91)	
2,6-Dichlorophenol		160	NA	NA	ND(0.43)	ND(0.91)	
2,6-Dinitrotoluene		55	NA	NA	ND(0.43)	ND(0.91)	
2-Acetylaminofluorene		0.56	NA	NA	ND(0.87)	ND(1.8)	
2-Chloronaphthalene		3700	NA	NA	ND(0.43)	ND(0.91)	
2-Chlorophenol		59	NA	NA	ND(0.43)	ND(0.91)	
2-Methylnaphthalene		55	NA	NA	ND(0.43)	ND(0.91)	
2-Methylphenol		2700	NA	NA	ND(0.43)	ND(0.91)	
2-Naphthylamine		Not Listed	NA	NA	ND(0.87)	ND(1.8)	
2-Nitroaniline		3.3	NA	NA	ND(2.2)	ND(4.6)	
2-Nitrophenol		Not Listed	NA	NA	ND(0.87)	ND(1.8)	
2-Picoline		55	NA	NA	ND(0.43)	ND(0.91)	
3&4-Methylphenol		270	NA	NA	ND(0.87)	ND(1.8)	
3,3-Dichlorobenzidine		0.99	NA	NA	ND(0.87)	ND(1.8)	
3,3-Dimethylbenzidine		0.048	NA	NA	ND(0.43)	ND(0.91)	
3-Methylcholanthrene		0.056	NA	NA	ND(0.87)	ND(1.8)	
3-Nitroaniline		5.5	NA	NA	ND(2.2)	ND(4.6)	
4,6-Dinitro-2-methylphenol		55	NA	NA	ND(0.43)	ND(0.91)	
4-Aminobiphenyl		1400	NA	NA	ND(0.87)	ND(1.8)	
4-Bromophenyl-phenylether		160	NA	NA	ND(0.43)	ND(0.91)	
4-Chloro-3-Methylphenol		2700	NA	NA	ND(0.43)	ND(0.91)	
4-Chloroaniline		220	NA	NA	ND(0.43)	ND(0.91)	
4-Chlorobenzilate		1.6	NA	NA	ND(0.87)	ND(1.8)	
4-Chlorophenyl-phenylether		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
4-Methylphenol		270	NA	NA	NA	NA	
4-Nitroaniline		5.5	NA	NA	ND(2.2)	ND(4.6)	
4-Nitrophenol		3400	NA	NA	ND(2.2)	ND(4.6)	
4-Nitroquinoline-1-oxide		110	NA	NA	ND(0.87)	ND(1.8)	
4-Phenylenediamine		10000	NA	NA	ND(0.87)	ND(1.8)	
5-Nitro-o-toluidine		13	NA	NA	ND(0.87)	ND(1.8)	
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	ND(0.87)	ND(1.8)	
a,a-Dimethylphenethylamine		55	NA	NA	ND(0.87)	ND(1.8)	
Acenaphthene		2600	NA	NA	ND(0.87)	ND(1.8)	
Acenaphthylene		55	NA	NA	ND(0.43)	ND(0.91)	
Acetophenone		0.49	NA	NA	ND(0.43)	ND(0.91)	
Aniline		78	NA	NA	ND(0.43)	ND(0.91)	
Anthracene		14000	NA	NA	0.26 J	0.10 J	
Aranite		18	NA	NA	ND(0.87)	ND(1.8)	
Azobenzene		4	NA	NA	NA	NA	
Benzidine		0.0019	NA	NA	ND(0.87)	ND(1.8)	
Benz(a)anthracene		0.56	NA	NA	1.0	0.51 J	
Benz(a)pyrene		0.056	NA	NA	1.2	0.33 J	
Benz(a)fluoranthene		0.56	NA	NA	0.90	0.25 J	

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-SS		19-10-8-SB-17		
			PDI 19-10-8-SB-16-SS 0-1 06/01/06	PDI 19-10-8-SB-16-SS 3-5 03/14/07	PDI 19-10-8-SB-17 0-1 03/07/05	PDI 19-10-8-SB-17 5-7 03/07/05	
Semivolatile Organics (continued)							
Benzol(g,h,i)perylene		55	NA	NA	0.74	0.12 J	
Benzol(k)fluoranthene		5,6	NA	NA	1.0	0.34 J	
Benzyl Alcohol		16000	NA	NA	ND(0.87)	ND(1.8)	
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
bis(2-Chloroethyl)ether		0.18	NA	NA	ND(0.43)	ND(0.91)	
bis(2-Chloroisopropyl)ether		2.5	NA	NA	ND(0.43)	ND(0.91)	
bis(2-Ethylhexyl)phthalate		32	NA	NA	ND(0.43)	ND(0.90)	
Butylbenzylphthalate		930	NA	NA	ND(0.43)	ND(0.91)	
Chrysene		56	NA	NA	1.1	0.41 J	
Diallate		7.3	NA	NA	ND(0.87)	ND(1.8)	
Dibenzo(a,h)anthracene		0.056	NA	NA	0.14 J	ND(0.91)	
Dibenzofuran		210	NA	NA	0.062 J	ND(0.91)	
Diethylphthalate		44000	NA	NA	ND(0.43)	ND(0.91)	
Dimethylphthalate		100000	NA	NA	ND(0.43)	ND(0.91)	
Di-n-Butylphthalate		5500	NA	NA	ND(0.43)	ND(0.91)	
Di-n-Octylphthalate		1100	NA	NA	ND(0.43)	ND(0.91)	
Diphenylamine		1400	NA	NA	ND(0.43)	ND(0.91)	
Ethyl Methanesulfonate		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
Fluoranthene		2000	NA	NA	2.0	0.69 J	
Fluorene		1800	NA	NA	ND(0.43)	ND(0.91)	
Hexachlorobenzene		0.28	NA	NA	ND(0.43)	ND(0.91)	
Hexachlorobutadiene		5.7	NA	NA	ND(0.43)	ND(0.91)	
Hexachlorocyclopentadiene		380	NA	NA	ND(0.43)	ND(0.91)	
Hexachloroethane		32	NA	NA	ND(0.43)	ND(0.91)	
Hexachlorophene		16	NA	NA	ND(0.87)	ND(1.8)	
Hexachloropropene		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	0.58	ND(0.91)	
Isodrin		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
Isophorone		470	NA	NA	ND(0.87)	ND(1.8)	
Isosafrole		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
Methyl Methanesulfonate		55	NA	NA	ND(0.43)	ND(0.91)	
Naphthalene		55	NA	NA	0.079 J	ND(0.91)	
Nitrobenzene		16	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosodimethylamine		0.003	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosodimethylamine		0.0087	NA	NA	ND(0.43)	ND(0.91)	
N-Nitroso-di-n-butylamine		0.022	NA	NA	ND(0.87)	ND(1.8)	
N-Nitroso-di-n-propylamine		0.063	NA	NA	ND(0.87)	ND(1.8)	
N-Nitrosodiphenylamine		91	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosomethylmethylethylamine		0.02	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosomorpholine		0.21	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosopiperidine		0.21	NA	NA	ND(0.43)	ND(0.91)	
N-Nitrosopyrrolidine		0.21	NA	NA	ND(0.87)	ND(0.91)	
O,O'-Triethylphosphorothioate		11	NA	NA	ND(0.43)	ND(0.91)	
O-Tolidine		1.9	NA	NA	ND(0.43)	ND(0.91)	
p-Dimethylaminoazobenzene		0.99	NA	NA	ND(0.87)	ND(1.8)	
Pentachlorobenzene		44	NA	NA	ND(0.43)	ND(0.91)	
Pentachloroethane		2.8	NA	NA	ND(0.43)	ND(0.91)	
Pentachloronitrobenzene		1.7	NA	NA	ND(0.87)	ND(1.8)	
Pentachlorophenol		2.5	NA	NA	ND(2.2)	ND(4.6)	
Phenacetin		640	NA	NA	ND(1.8)	ND(1.8)	
Phenanthrene		55	NA	NA	0.98	0.28 J	
Phenol		33000	NA	NA	ND(0.43)	ND(0.91)	
Protonamide		4100	NA	NA	ND(0.43)	ND(0.91)	
Pyrene		1500	NA	NA	1.9	0.77 J	
Pyridine		55	NA	NA	ND(0.43)	ND(0.91)	
Safrole		Not Listed	NA	NA	ND(0.43)	ND(0.91)	
Thionazin		330	NA	NA	ND(0.43)	ND(0.91)	

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample Depth(Feet):	Date Collected:	Data Type:		EPA Region 9 Residential PRGs	PDI		PDI		PDI	
			Location ID:	Sample ID:		19-10-8-SB-16-SS	19-10-8-SB-16-SS	19-10-8-SB-17	19-10-8-SB-17	19-10-8-SB-17	19-10-8-SB-17
Herbicides					55	NA	NA	NA	NA	NA	NA
Dinoseb											
Furans											
2,3,7,8-TCDF			Not Applicable			NA	NA	0.000046 Y		0.000029 Y	
TCDFs (total)			Not Applicable			NA	NA	0.00035		0.000042	
1,2,3,7,8-PeCDF			Not Applicable			NA	NA	0.000013		ND(0.000026)	
2,3,4,7,8-PeCDF			Not Applicable			NA	NA	0.000015		0.0000040 J	
PeCDFs (total)			Not Applicable			NA	NA	0.00017		0.000012	
1,2,3,4,7,8-HxCDF			Not Applicable			NA	NA	0.0000095		0.0000048 J	
1,2,3,6,7,8-HxCDF			Not Applicable			NA	NA	0.0000083 I		ND(0.0000031)	
1,2,3,7,8,9-HxCDF			Not Applicable			NA	NA	ND(0.00000031)		ND(0.00000020)	
2,3,4,6,7,8-HxCDF			Not Applicable			NA	NA	0.0000074		ND(0.00000033)	
HxCDFs (total)			Not Applicable			NA	NA	0.00010		0.000010	
1,2,3,4,6,7,8-HpCDF			Not Applicable			NA	NA	0.000031		0.000010	
1,2,3,4,7,8,9-HpCDF			Not Applicable			NA	NA	ND(0.0000028)		ND(0.00000073)	
HpCDFs (total)			Not Applicable			NA	NA	0.000051		0.000010	
OCDF			Not Applicable			NA	NA	0.000034		ND(0.00000044)	
Dioxins											
2,3,7,8-TCDD			Not Applicable			NA	NA	ND(0.00000033)		ND(0.00000025)	
TCDDs (total)			Not Applicable			NA	NA	0.0000067		0.0000062	
1,2,3,7,8-PeCDD			Not Applicable			NA	NA	ND(0.0000011)		ND(0.0000011)	
PeCDDs (total)			Not Applicable			NA	NA	ND(0.0000042)		0.0000083	
1,2,3,4,7,8-HxCDD			Not Applicable			NA	NA	ND(0.0000012)		ND(0.00000085)	
1,2,3,6,7,8-HxCDD			Not Applicable			NA	NA	ND(0.0000023)		ND(0.00000022)	
1,2,3,7,8,9-HxCDD			Not Applicable			NA	NA	ND(0.0000025)		ND(0.00000025)	
HxCDDs (total)			Not Applicable			NA	NA	0.000017		0.000016	
1,2,3,4,6,7,8-HpCDD			Not Applicable			NA	NA	0.000037		0.000010	
HpCDDs (total)			Not Applicable			NA	NA	0.000074		0.000020	
OCDD			Not Applicable			NA	NA	0.00031		0.000023	
Total TEQs (WHO TEFs)			Not Applicable			NA	NA	0.000017		0.0000043	
Inorganics											
Antimony			30	NA	NA	NA	NA	ND(6.00)		ND(6.00)	
Arsenic			0.38	NA	NA	NA	NA	11.0		16.0	
Barium			5200	NA	NA	NA	NA	96.0		120	
Beryllium			150	NA	NA	NA	NA	0.320 B		0.410 B	
Cadmium			37	NA	NA	NA	NA	0.360 B		0.430 B	
Chromium			210	NA	NA	NA	NA	14.0		58.0	
Cobalt			3300	NA	NA	NA	NA	9.60		14.0	
Copper			2800	NA	NA	NA	NA	67.0		170	
Cyanide			11	NA	NA	NA	NA	0.220		0.610	
Lead			400	NA	225	NA	240	260		550	
Mercury			22	NA	NA	NA	NA	0.950		1.80	
Nickel			1500	NA	NA	NA	NA	17.0		28.0	
Selenium			370	NA	NA	NA	NA	1.80		3.60	
Silver			370	NA	NA	NA	NA	0.140 B		0.420 B	
Sulfide			350	NA	NA	NA	NA	21.0		44.0	
Thallium			6	NA	NA	NA	NA	ND(1.30)		ND(2.70)	
Tin			45000	NA	NA	NA	NA	22.0		64.0	
Vanadium			520	NA	NA	NA	NA	27.0		21.0	
Zinc			22000	NA	NA	NA	NA	180		810	

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-17 19-10-8-SB-17 9-11 03/07/05	PDI 19-10-8-SB-18 19-10-8-SB-18 3-5 03/07/05	PDI 19-10-8-SB-18 19-10-8-SB-18 7-9 03/07/05	PDI 19-10-8-SB-19 19-10-8-SB-19 0-1 03/07/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,1,1-Trichloroethane		680	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,1,2,2-Tetrachloroethane		0.36	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,1,2-Trichloroethane		0.82	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,1-Dichloroethane		570	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,1-Dichloroethene		0.052	ND(0.012)	ND(0.0069)	ND(0.0066)	ND(0.0066)
1,2,3-Trichloropropane		0.0014	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,2-Dibromo-3-chloropropane		0.32	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,2-Dibromoethane		0.0049	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,2-Dichloroethane		0.34	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,2-Dichloropropane		0.34	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
1,4-Dioxane		40	ND(0.23)	ND(0.14)	ND(0.16)	ND(0.13)
2-Butanone		6900	0.019 J	ND(0.014)	ND(0.016)	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
2-Chloroethylvinylether		0.18	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
2-Hexanone		750	ND(0.023)	ND(0.014)	ND(0.016)	ND(0.013)
3-Chloropropene		2700	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
4-Methyl-2-pentanone		750	ND(0.023)	ND(0.014)	ND(0.016)	ND(0.013)
Acetone		1400	0.068	ND(0.028)	0.028 J	ND(0.026)
Acetonitrile		200	ND(0.23)	ND(0.14)	ND(0.16)	ND(0.13)
Acrolein		0.1	ND(0.23)	ND(0.14)	ND(0.16)	ND(0.13)
Acrylonitrile		0.19	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Benzene		0.62	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Bromodichloromethane		0.98	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Bromoforn		56	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Bromomethane		3.8	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Carbon Disulfide		350	ND(0.012)	ND(0.0069)	0.0062 J	ND(0.0066)
Carbon Tetrachloride		0.23	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Chlorobenzene		54	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Chloroethane		1600	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Chloroform		0.24	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Chloromethane		1.2	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
cis-1,3-Dichloropropene		Not Listed	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Dibromochloromethane		5.3	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Dibromomethane		550	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Dichlorodifluoromethane		94	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Ethyl Methacrylate		140	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Ethylbenzene		230	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Iodomethane		1.2	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Isobutanol		10000	ND(0.23)	ND(0.14)	ND(0.16)	ND(0.13)
Methacrylonitrile		1.8	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Methyl Methacrylate		2200	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Methylene Chloride		8.5	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Propionitrile		200	ND(0.023)	ND(0.014)	ND(0.016)	ND(0.013)
Styrene		1700	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Tetrachloroethene		4.7	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Toluene		520	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
trans-1,2-Dichloroethene		62	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
trans-1,3-Dichloropropene		Not Listed	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Trichloroethene		2.7	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Trichlorofluoromethane		380	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Vinyl Acetate		420	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Vinyl Chloride		0.021	ND(0.012)	ND(0.0069)	ND(0.0078)	ND(0.0066)
Xylenes (total)		210	0.011 J	0.0064 J	ND(0.0078)	0.0063 J

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-17 9-11 03/07/05	PDI 19-10-8-SB-18 3-5 03/07/05	PDI 19-10-8-SB-18 7-9 03/07/05	PDI 19-10-8-SB-19 0-1 03/07/05
Semivolatile Organics						
1,2,4,5-tetrachlorobenzene		16	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,2,4-Trichlorobenzene		480	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,2-Dichlorobenzene		370	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,2-Diphenylhydrazine		0.56	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,3,5-Trinitrobenzene		1600	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,3-Dichlorobenzene		41	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,3-Dinitrobenzene		5.5	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
1,4-Dichlorobenzene		3	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
1,4-Naphthoquinone		55	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
1-Naphthylamine		Not Listed	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
2,3,4,6-Tetrachlorophenol		1600	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,4,5-Trichlorophenol		5500	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,4,6-Trichlorophenol		40	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,4-Dichlorophenol		160	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,4-Dimethylphenol		1100	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,4-Dinitrophenol		110	ND(4.0)	ND(2.3)	ND(4.7)	ND(2.2)
2,4-Dinitrotoluene		110	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,6-Dichlorophenol		160	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2,6-Dinitrotoluene		55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2-Acetylaminofluorene		0.56	ND(1.5)	ND(0.92)	ND(1.0)	ND(0.88)
2-Chloronaphthalene		3700	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2-Chlorophenol		59	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2-Methylnaphthalene		55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2-Methylphenol		2700	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
2-Naphthylamine		Not Listed	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
2-Nitroaniline		3.3	ND(4.0)	ND(2.3)	ND(4.7)	ND(2.2)
2-Nitrophenol		Not Listed	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
2-Picoline		55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
3&4-Methylphenol		270	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
3,3-Dichlorobenzidine		0.99	ND(1.6)	ND(0.92)	ND(1.9)	ND(0.88)
3,3'-Dimethylbenzidine		0.048	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
3-Methylcholanthrene		0.056	ND(1.6)	ND(1.0)	ND(1.0)	ND(0.88)
3-Nitroaniline		5.5	ND(4.0)	ND(2.3)	ND(4.7)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
4-Aminobiphenyl		1400	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
4-Bromophenyl-phenylether		160	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
4-Chloro-3-Methylphenol		2700	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
4-Chloroaniline		220	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
4-Chlorobenzilate		1.6	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
4-Chlorophenyl-phenylether		Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(4.0)	ND(2.3)	ND(2.7)	ND(2.2)
4-Nitrophenol		3400	ND(4.0)	ND(2.3)	ND(4.7)	ND(2.2)
4-Nitroquinoline-1-oxide		110	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
4-Phenylenediamine		10000	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
5-Nitro-o-tolidine		13	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
7,12-Dimethylbenz(a)anthracene		0.056	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
a,a'-Dimethylphenethylamine		55	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Acenaphthene		2600	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Acenaphthylene		55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Acetophenone		0.49	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Aniline		78	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Anthracene		14000	ND(0.78)	ND(0.46)	ND(0.94)	0.056 J
Aranite		18	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(1.6)	ND(0.92)	ND(1.9)	ND(0.88)
Benzo(a)anthracene		0.56	ND(0.78)	ND(0.46)	ND(0.94)	0.26 J
Benzo(a)pyrene		0.056	ND(0.78)	ND(0.46)	ND(0.94)	0.28 J
Benzo(b)fluoranthene		0.56	ND(0.78)	ND(0.46)	ND(0.94)	0.25 J

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	Sample Depth/Feet:	Location ID:	Data Type:	EPA Region 9 Residential PRGs	19-10-8-SB-17	19-10-8-SB-18	19-10-8-SB-18	19-10-8-SB-19
						PDI	PDI	PDI	PDI
Semivolatile Organics (continued)									
Benzol(g,h,i)perylene					55	ND(0.78)	ND(0.46)	ND(0.94)	0.15 J
Benzol(k)fluoranthene					56	ND(0.78)	ND(0.46)	ND(0.94)	0.24 J
Benzyl Alcohol					16000	ND(1.6)	ND(0.92)	ND(1.9)	ND(0.88)
bis(2-Chloroethoxy)methane					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
bis(2-Chloroethyl)ether					0.18	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
bis(2-Chloroisopropyl)ether					2.5	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
bis(2-Ethylhexyl)phthalate					32	ND(0.77)	ND(0.46)	ND(0.52)	ND(0.43)
Butylbenzylphthalate					930	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Chrysene					56	ND(0.78)	ND(0.46)	ND(0.94)	0.30 J
Diallate					7.3	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Dibenzol(a,h)anthracene					0.056	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Dibenzofuran					210	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Diethylphthalate					44000	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Dimethylphthalate					100000	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Di-n-Butylphthalate					5500	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Di-n-Octylphthalate					1100	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Diphenylamine					1400	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Ethyl Methanesulfonate					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Fluoranthene					2000	ND(0.78)	ND(0.46)	ND(0.94)	0.55
Fluorene					1800	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Hexachlorobenzene					0.28	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Hexachlorobutadiene					5.7	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Hexachlorocyclopentadiene					380	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Hexachloroethane					32	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Hexachlorophene					16	ND(1.6)	ND(0.92)	ND(1.9)	ND(0.88)
Hexachloropropene					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Indeno(1,2,3-cd)pyrene					0.56	ND(0.78)	ND(0.46)	ND(0.94)	0.13 J
Isodrin					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Isophorone					470	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Isosafrole					Not Listed	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Methapyrene					55	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Methyl Methanesulfonate					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Naphthalene					55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Nitrobenzene					16	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosodietylamine					0.003	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosodimethylamine					0.0087	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitroso-di-n-butylamine					0.022	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
N-Nitroso-di-n-propylamine					0.063	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosodimethylamine					91	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosomethylamine					0.02	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
N-Nitrosomorpholine					0.21	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosopiperidine					0.21	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
N-Nitrosopyrrolidine					0.21	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
o,o'-Triethylphosphorothioate					11	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
o-1-oluidine					1.9	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
p-Dimethylaminoazobenzene					0.99	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Pentachlorobenzene					44	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Pentachloroethane					2.8	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Pentachloronitrobenzene					1.7	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Pentachlorophenol					2.5	ND(4.0)	ND(2.3)	ND(4.7)	ND(2.2)
Phenacetin					640	ND(1.6)	ND(0.92)	ND(1.0)	ND(0.88)
Phenanthrene					55	ND(0.78)	ND(0.46)	ND(0.94)	0.22 J
Phenol					33000	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Proxanide					4100	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Pyrene					1500	ND(0.78)	ND(0.46)	ND(0.94)	0.49
Pyridine					55	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Safrole					Not Listed	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)
Thiomazin					330	ND(0.78)	ND(0.46)	ND(0.94)	ND(0.44)

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-17 9-11 03/07/05	PDI 19-10-8-SB-18 3-5 03/07/05	PDI 19-10-8-SB-18 7-9 03/07/05	PDI 19-10-8-SB-19 0-1 03/07/05
Herbicides						
Dinoseb		55	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.00000050)	0.0000053 Y	ND(0.00000060) Y	0.000026 Y
TCDFs (total)		Not Applicable	ND(0.00000050)	0.000031	ND(0.00000060)	0.00022
1,2,3,7,8-PeCDF		Not Applicable	ND(0.00000039)	ND(0.00000026)	ND(0.00000035)	0.0000085
2,3,4,7,8-PeCDF		Not Applicable	ND(0.00000039)	0.0000035 J	ND(0.00000025)	0.000011
PeCDFs (total)		Not Applicable	ND(0.00000061)	0.000015	ND(0.00000045)	0.00011
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.00000021)	ND(0.00000031)	ND(0.00000053)	0.0000089
1,2,3,6,7,8-HxCDF		Not Applicable	ND(0.00000018)	ND(0.00000023)	ND(0.00000027)	0.0000058 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.00000021)	ND(0.00000033)	ND(0.00000014)	ND(0.00000033)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.00000021)	ND(0.00000025)	ND(0.00000019)	0.0000047 J
HxCDFs (total)		Not Applicable	ND(0.00000021)	0.0000070	ND(0.00000053)	0.000070
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.00000024)	0.0000095	ND(0.00000067)	0.000023
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.00000026)	ND(0.00000074)	ND(0.00000019)	ND(0.0000018)
HpCDFs (total)		Not Applicable	ND(0.00000026)	0.0000095	ND(0.00000067)	0.000041
OCDF		Not Applicable	ND(0.00000056)	ND(0.00000051)	ND(0.00000033)	0.000030
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.00000024)	ND(0.00000028)	ND(0.00000022)	ND(0.00000034)
TCDDs (total)		Not Applicable	ND(0.00000039)	0.0000025	ND(0.00000035)	0.0000035
1,2,3,7,8-PeCDD		Not Applicable	ND(0.00000069)	ND(0.00000050)	ND(0.00000049)	ND(0.00000073)
PeCDDs (total)		Not Applicable	ND(0.00000069)	ND(0.0000015)	ND(0.00000075)	ND(0.0000026)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.00000039)	ND(0.00000032)	ND(0.00000022)	ND(0.00000058)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.00000037)	ND(0.00000080)	ND(0.00000020)	ND(0.0000020)
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.00000037)	ND(0.00000012)	ND(0.00000020)	ND(0.00000020)
HxCDDs (total)		Not Applicable	ND(0.00000039)	0.0000050	ND(0.00000056)	0.000010
1,2,3,4,6,7,8-HpCDD		Not Applicable	ND(0.00000037)	0.0000046 J	ND(0.00000048)	0.000027
HpCDDs (total)		Not Applicable	ND(0.00000037)	0.0000092	ND(0.00000048)	0.000051
OCDD		Not Applicable	ND(0.00000059)	0.000014	ND(0.00000022)	0.000032
Total TEQs (WHO TEFs)		Not Applicable	0.00000070	0.0000034	0.00000055	0.000012
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		0.38	1.50 B	9.00	8.80	16.0
Barium		5200	23.0	88.0	59.0	120
Beryllium		150	0.0750 B	0.380 B	0.380 B	0.380 B
Cadmium		37	ND(0.500)	0.290 B	0.310 B	0.620
Chromium		210	2.10	8.30	14.0	18.0
Cobalt		3300	0.400 B	6.30	12.0	9.20
Copper		2800	5.40	140	120	110
Cyanide		11	ND(0.460)	0.380	0.190	0.170
Lead		400	1.30 B	210	74.0	340
Mercury		22	ND(0.230)	0.880	0.430	34000
Nickel		1500	2.10 B	13.0	21.0	19.0
Selenium		370	ND(1.70)	1.40	1.20	2.10
Silver		370	ND(1.70)	ND(1.00)	ND(1.20)	0.150 B
Sulfide		350	1000	28.0	170	32.0
Thallium		6	ND(2.30)	ND(1.40)	ND(1.60)	ND(1.30)
Tin		45000	1.80 B	8.80 B	3.80 B	89.0
Vanadium		520	0.700 B	13.0	14.0	17.0
Zinc		22000	13.0	200	250	230

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19 3-5 10/25/05	19-10-8-SB-19-N 0-1 10/25/05	19-10-8-SB-19-N 1-3 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0058)	NA	NA	NA
1,1,1,1-Tetrachloroethane		680	ND(0.0058)	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0058)	NA	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0058)	NA	NA	NA
1,1-Dichloroethane		570	ND(0.0058)	NA	NA	NA
1,1-Dichloroethene		0.052	ND(0.0058)	NA	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0058)	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0058)	NA	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0058)	NA	NA	NA
1,2-Dichloroethane		0.34	ND(0.0058)	NA	NA	NA
1,2-Dichloropropane		0.34	ND(0.0058)	NA	NA	NA
1,4-Dioxane		40	ND(0.12)	NA	NA	NA
2-Butanone		6900	ND(0.012)	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0058)	NA	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0058)	NA	NA	NA
2-Hexanone		750	ND(0.012)	NA	NA	NA
3-Chloropropene		2700	ND(0.0058)	NA	NA	NA
4-Methyl-2-pentanone		750	ND(0.012)	NA	NA	NA
Acetone		1400	ND(0.023)	NA	NA	NA
Acetonitrile		200	ND(0.12)	NA	NA	NA
Acrolein		0.1	ND(0.12)	NA	NA	NA
Acrylonitrile		0.19	ND(0.0058)	NA	NA	NA
Benzene		0.62	ND(0.0058)	NA	NA	NA
Bromodichloromethane		0.98	ND(0.0058)	NA	NA	NA
Bromoform		56	ND(0.0058)	NA	NA	NA
Bromomethane		3.8	ND(0.0058)	NA	NA	NA
Carbon Disulfide		350	ND(0.0058)	NA	NA	NA
Carbon Tetrachloride		0.23	ND(0.0058)	NA	NA	NA
Chlorobenzene		54	ND(0.0058)	NA	NA	NA
Chloroethane		1600	ND(0.0058)	NA	NA	NA
Chloroform		0.24	ND(0.0058)	NA	NA	NA
Chloromethane		1.2	ND(0.0058)	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0058)	NA	NA	NA
Dibromochloromethane		5.3	ND(0.0058)	NA	NA	NA
Dibromomethane		550	ND(0.0058)	NA	NA	NA
Dichlorodifluoromethane		94	ND(0.0058)	NA	NA	NA
Ethyl Methacrylate		140	ND(0.0058)	NA	NA	NA
Ethylbenzene		230	ND(0.0058)	NA	NA	NA
Iodomethane		1.2	ND(0.0058)	NA	NA	NA
Isobutanol		10000	ND(0.12)	NA	NA	NA
Methacrylonitrile		1.8	ND(0.0058)	NA	NA	NA
Methyl Methacrylate		2200	ND(0.0058)	NA	NA	NA
Methylene Chloride		8.5	ND(0.0058)	NA	NA	NA
Propionitrile		200	ND(0.012)	NA	NA	NA
Styrene		1700	ND(0.0058)	NA	NA	NA
Tetrachloroethane		4.7	ND(0.0058)	NA	NA	NA
Toluene		520	ND(0.0058)	NA	NA	NA
trans-1,2-Dichloroethane		62	ND(0.0058)	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0058)	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0058)	NA	NA	NA
Trichloroethane		2.7	ND(0.0058)	NA	NA	NA
Trichlorofluoromethane		380	ND(0.0058)	NA	NA	NA
Vinyl Acetate		420	ND(0.0058)	NA	NA	NA
Vinyl Chloride		0.021	ND(0.0058)	NA	NA	NA
Xylenes (total)		210	0.0054 J	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCS	PDI	PDI	PDI	PDI
			19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19 3-5 10/25/05	19-10-8-SB-19-N 0-1 10/25/05	19-10-8-SB-19-N 1-3 10/25/05
1,2,4,5-Tetrachlorobenzene		16	ND(0.39)	NA	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.39)	NA	NA	NA
1,2-Dichlorobenzene		370	ND(0.39)	NA	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.39)	NA	NA	NA
1,3,5-Trinitrobenzene		1600	ND(0.39)	NA	NA	NA
1,3-Dichlorobenzene		41	ND(0.39)	NA	NA	NA
1,3-Dinitrobenzene		5.5	ND(0.78)	NA	NA	NA
1,4-Dichlorobenzene		3	ND(0.39)	NA	NA	NA
1,4-Naphthoquinone		55	ND(0.78)	NA	NA	NA
1-Naphthylamine		Not Listed	ND(0.78)	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(0.39)	NA	NA	NA
2,4,5-Trichlorophenol		5500	ND(0.39)	NA	NA	NA
2,4,6-Trichlorophenol		40	ND(0.39)	NA	NA	NA
2,4-Dichlorophenol		160	ND(0.39)	NA	NA	NA
2,4-Dimethylphenol		1100	ND(0.39)	NA	NA	NA
2,4-Dinitrophenol		110	ND(2.0)	NA	NA	NA
2,4-Dinitrofluorene		110	ND(0.39)	NA	NA	NA
2,6-Dichlorophenol		160	ND(0.39)	NA	NA	NA
2,6-Dinitrofluorene		55	ND(0.39)	NA	NA	NA
2-Acetylaminofluorene		0.56	ND(0.78)	NA	NA	NA
2-Chloronaphthalene		3700	ND(0.39)	NA	NA	NA
2-Chlorophenol		59	ND(0.39)	NA	NA	NA
2-Methylnaphthalene		55	ND(0.39)	NA	NA	NA
2-Methylphenol		2700	ND(0.39)	NA	NA	NA
2-Naphthylamine		Not Listed	ND(0.78)	NA	NA	NA
2-Nitroaniline		3.3	ND(2.0)	NA	NA	NA
2-Nitrophenol		Not Listed	ND(0.78)	NA	NA	NA
2-Picoline		55	ND(0.39)	NA	NA	NA
3&4-Methylphenol		270	ND(0.78)	NA	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(0.78)	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.39)	NA	NA	NA
3-Methylcholanthrene		0.056	ND(0.78)	NA	NA	NA
3-Nitroaniline		5.5	ND(2.0)	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.39)	NA	NA	NA
4-Aminobiphenyl		1400	ND(0.78)	NA	NA	NA
4-Bromophenyl-phenylether		160	ND(0.39)	NA	NA	NA
4-Chloro-3-Methylphenol		2700	ND(0.39)	NA	NA	NA
4-Chloroaniline		220	ND(0.39)	NA	NA	NA
4-Chlorobenzilate		1.6	ND(0.78)	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.39)	NA	NA	NA
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.0)	NA	NA	NA
4-Nitrophenol		3400	ND(2.0)	NA	NA	NA
4-Nitroquinoline-1-oxide		110	ND(0.78)	NA	NA	NA
4-Phenylenediamine		10000	ND(0.78)	NA	NA	NA
5-Nitro-o-tolidine		13	ND(0.78)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.78)	NA	NA	NA
a,a'-Dimethylphenethylamine		55	ND(0.78)	NA	NA	NA
Acenaphthene		2600	ND(0.39)	NA	NA	NA
Acenaphthylene		55	0.077 J	NA	NA	NA
Acetophenone		0.49	ND(0.39)	NA	NA	NA
Aniline		78	ND(0.39)	NA	NA	NA
Anthracene		14000	0.080 J	NA	NA	NA
Aranite		18	ND(0.78)	NA	NA	NA
Azobenzene		4	NA	NA	NA	NA
Benzidine		0.0019	ND(0.78)	NA	NA	NA
Benzol(a)anthracene		0.56	0.37 J	NA	NA	NA
Benzol(a)pyrene		0.056	0.43	NA	NA	NA
Benzol(b)fluoranthene		0.56	0.32 J	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-10-8-SB-19 19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19 19-10-8-SB-19 3-5 10/25/05	19-10-8-SB-19-N 19-10-8-SB-19-N 0-1 10/25/05	19-10-8-SB-19-N 19-10-8-SB-19-N 1-3 10/25/05
Semivolatile Organics (continued)						
Benzol(g,h,i)perylene		55	0.26 J	NA	NA	NA
Benzol(k)fluoranthene		5,6	0.43	NA	NA	NA
Benzyl Alcohol		16000	ND(0.78)	NA	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.39)	NA	NA	NA
bis(2-Chloroisopropyl)ether		0.18	ND(0.39)	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.39)	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.38)	NA	NA	NA
Butylbenzylphthalate		930	ND(0.39)	NA	NA	NA
Chrysene		56	0.46	NA	NA	NA
Diallate		7.3	ND(0.78)	NA	NA	NA
Dibenzol(a,h)anthracene		0.056	0.049 J	NA	NA	NA
Dibenzofuran		210	ND(0.39)	NA	NA	NA
Diethylphthalate		44000	ND(0.39)	NA	NA	NA
Dimethylphthalate		100000	ND(0.39)	NA	NA	NA
Di-n-Butylphthalate		5500	ND(0.39)	NA	NA	NA
Di-n-Octylphthalate		1400	ND(0.39)	NA	NA	NA
Diphenylamine		1400	ND(0.39)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.39)	NA	NA	NA
Fluoranthene		2000	0.68	NA	NA	NA
Fluorene		1800	ND(0.39)	NA	NA	NA
Hexachlorobenzene		0.28	ND(0.39)	NA	NA	NA
Hexachlorobutadiene		5.7	ND(0.39)	NA	NA	NA
Hexachlorocyclopentadiene		380	ND(0.39)	NA	NA	NA
Hexachloroethane		32	ND(0.39)	NA	NA	NA
Hexachlorophene		16	ND(0.78)	NA	NA	NA
Hexachloropropene		Not Listed	ND(0.39)	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.21 J	NA	NA	NA
Isodrin		Not Listed	ND(0.39)	NA	NA	NA
Isophorone		470	ND(0.39)	NA	NA	NA
Isosafrole		Not Listed	ND(0.78)	NA	NA	NA
Methapyrene		55	ND(0.78)	NA	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.39)	NA	NA	NA
Naphthalene		55	ND(0.39)	NA	NA	NA
Nitrobenzene		16	ND(0.39)	NA	NA	NA
N-Nitrosodiphenylamine		0.003	ND(0.39)	NA	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.39)	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.78)	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.39)	NA	NA	NA
N-Nitrosodiphenylamine		91	ND(0.39)	NA	NA	NA
N-Nitrosomethylamine		0.02	ND(0.78)	NA	NA	NA
N-Nitrosomorpholine		0.21	ND(0.39)	NA	NA	NA
N-Nitrosopiperidine		0.21	ND(0.39)	NA	NA	NA
N-Nitrosopyrrolidine		0.21	ND(0.78)	NA	NA	NA
o,o'-Tetrahydroposphorothioate		11	ND(0.39)	NA	NA	NA
O-1-toluidine		1.9	ND(0.39)	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(0.78)	NA	NA	NA
Pentachlorobenzene		44	ND(0.39)	NA	NA	NA
Pentachlorobenzene		2.8	ND(0.39)	NA	NA	NA
Pentachloronitrobenzene		1.7	ND(0.78)	NA	NA	NA
Pentachlorophenol		2.5	ND(2.0)	NA	NA	NA
Phenacelin		640	ND(0.78)	NA	NA	NA
Phenanthrene		55	0.29 J	NA	NA	NA
Phenol		33000	ND(0.39)	NA	NA	NA
Promamide		4100	ND(0.39)	NA	NA	NA
Pyrene		1500	0.71	NA	NA	NA
Pyridine		55	ND(0.39)	NA	NA	NA
Safrole		Not Listed	ND(0.39)	NA	NA	NA
Thioniazin		330	ND(0.39)	NA	NA	NA

**TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19 3-5 10/25/05	19-10-8-SB-19-N 0-1 10/25/05	19-10-8-SB-19-N 1-3 10/25/05
Herbicides		55	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Applicable		0.000022 Y1	NA	NA	NA
TCDFs (total)	Not Applicable		0.00020	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable		0.0000073	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable		0.0000080	NA	NA	NA
PeCDFs (total)	Not Applicable		0.000091	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable		0.0000071	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable		0.0000049 J	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable		ND(0.00000024)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable		0.0000036 J	NA	NA	NA
HxCDFs (total)	Not Applicable		0.000059	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.000017	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable		ND(0.0000015)	NA	NA	NA
HpCDFs (total)	Not Applicable		0.000027	NA	NA	NA
OCDF	Not Applicable		0.000019	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable		ND(0.00000015)	NA	NA	NA
TCDDs (total)	Not Applicable		0.0000023	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable		ND(0.00000046)	NA	NA	NA
PeCDDs (total)	Not Applicable		ND(0.0000018)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.00000045)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable		ND(0.0000013)	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable		ND(0.0000011)	NA	NA	NA
HxCDDs (total)	Not Applicable		0.0000044	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.000014	NA	NA	NA
HpCDDs (total)	Not Applicable		0.000026	NA	NA	NA
OCDD	Not Applicable		0.00011	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable		0.0000089	NA	NA	NA
Inorganics						
Antimony	30		ND(6.00)	NA	NA	NA
Arsenic	0.38		12.0	NA	NA	NA
Barium	5200		80.0	NA	NA	NA
Beryllium	150		0.290 B	NA	NA	NA
Cadmium	37		0.320 B	NA	NA	NA
Chromium	210		12.0	NA	NA	NA
Cobalt	3300		8.40	NA	NA	NA
Copper	2800		130	NA	NA	NA
Cyanide	11		0.260	NA	NA	NA
Lead	400		280	NA	NA	NA
Mercury	22		560	29.0	14.0	0.310
Nickel	1500		16.0	NA	NA	NA
Selenium	370		1.40	NA	NA	NA
Silver	370		ND(1.00)	NA	NA	NA
Sulfide	350		18.0	NA	NA	NA
Thallium	6		ND(1.20)	NA	NA	NA
Tin	45000		51.0	NA	NA	NA
Vanadium	520		12.0	NA	NA	NA
Zinc	22000		140	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI 19-10-8-SB-19-SE 0-1 10/25/05	PDI 19-10-8-SB-19-SE 1-3 10/25/05	PDI 19-10-8-SB-19-SW 0-1 10/25/05	PDI 19-10-8-SB-19-SW 1-3 10/25/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethoxyvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropane		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		
			19-10-8-SB-19-SE 0-1 10/25/05	19-10-8-SB-19-SE 1-3 10/25/05	19-10-8-SB-19-SW 0-1 10/25/05	19-10-8-SB-19-SW 1-3 10/25/05	
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA	
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA	
1,2-Dichlorobenzene		370	NA	NA	NA	NA	
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA	
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA	
1,3-Dichlorobenzene		41	NA	NA	NA	NA	
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA	
1,4-Dichlorobenzene		3	NA	NA	NA	NA	
1,4-Naphthoquinone		55	NA	NA	NA	NA	
1-Naphthylamine		Not Listed	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA	
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA	
2,4,6-Trichlorophenol		40	NA	NA	NA	NA	
2,4-Dichlorophenol		160	NA	NA	NA	NA	
2,4-Dimethylphenol		1100	NA	NA	NA	NA	
2,4-Dinitrophenol		110	NA	NA	NA	NA	
2,6-Dichlorophenol		160	NA	NA	NA	NA	
2,6-Dinitrotoluene		55	NA	NA	NA	NA	
2-Acetylaminofluorene		0.56	NA	NA	NA	NA	
2-Chloronaphthalene		3700	NA	NA	NA	NA	
2-Chlorophenol		59	NA	NA	NA	NA	
2-Methylnaphthalene		55	NA	NA	NA	NA	
2-Methylphenol		2700	NA	NA	NA	NA	
2-Naphthylamine		Not Listed	NA	NA	NA	NA	
2-Nitroaniline		3.3	NA	NA	NA	NA	
2-Nitrophenol		Not Listed	NA	NA	NA	NA	
2-Picoline		55	NA	NA	NA	NA	
3&4-Methylphenol		270	NA	NA	NA	NA	
3,3-Dichlorobenzidine		0.99	NA	NA	NA	NA	
3,3-Dimethylbenzidine		0.048	NA	NA	NA	NA	
3-Methylcholanthrene		0.056	NA	NA	NA	NA	
3-Nitroaniline		5.5	NA	NA	NA	NA	
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA	
4-Aminobiphenyl		1400	NA	NA	NA	NA	
4-Bromophenyl-phenylether		160	NA	NA	NA	NA	
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA	
4-Chloroaniline		220	NA	NA	NA	NA	
4-Chlorobenzilate		1.6	NA	NA	NA	NA	
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA	
4-Methylphenol		270	NA	NA	NA	NA	
4-Nitroaniline		5.5	NA	NA	NA	NA	
4-Nitrophenol		3400	NA	NA	NA	NA	
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA	
4-Phenylenediamine		10000	NA	NA	NA	NA	
5-Nitro-o-toluidine		13	NA	NA	NA	NA	
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA	
a,a-Dimethylphenethylamine		55	NA	NA	NA	NA	
Acenaphthene		2600	NA	NA	NA	NA	
Acenaphthylene		55	NA	NA	NA	NA	
Acetophenone		0.49	NA	NA	NA	NA	
Aniline		78	NA	NA	NA	NA	
Anthracene		14000	NA	NA	NA	NA	
Atramide		18	NA	NA	NA	NA	
Azobenzene		4	NA	NA	NA	NA	
Benzidine		0.0019	NA	NA	NA	NA	
Benzol(a)anthracene		0.56	NA	NA	NA	NA	
Benzol(a)pyrene		0.056	NA	NA	NA	NA	
Benzol(b)fluoranthene		0.56	NA	NA	NA	NA	

TABLE E-111
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI		PDI		PDI		
			19-10-8-SB-19-SE 0-1 10/25/05	19-10-8-SB-19-SE 1-3 10/25/05	19-10-8-SB-19-SW 0-1 10/25/05	19-10-8-SB-19-SW 1-3 10/25/05			
Semivolatile Organics (continued)									
Benzol(g,h,i)perylene		55	NA	NA	NA	NA			
Benzol(k)fluoranthrene		5,6	NA	NA	NA	NA			
Benzyl Alcohol		16000	NA	NA	NA	NA			
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA			
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA			
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA			
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA			
Butylbenzylphthalate		930	NA	NA	NA	NA			
Chrysene		56	NA	NA	NA	NA			
Diallate		7.3	NA	NA	NA	NA			
Dibenzol(a,h)anthracene		0.056	NA	NA	NA	NA			
Dibenzofuran		210	NA	NA	NA	NA			
Diethylphthalate		44000	NA	NA	NA	NA			
Dimethylphthalate		100000	NA	NA	NA	NA			
Di-n-Butylphthalate		5500	NA	NA	NA	NA			
Di-n-Octylphthalate		1100	NA	NA	NA	NA			
Diphenylamine		1400	NA	NA	NA	NA			
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA			
Fluoranthene		2000	NA	NA	NA	NA			
Fluorene		1800	NA	NA	NA	NA			
Hexachlorobenzene		0.28	NA	NA	NA	NA			
Hexachlorobutadiene		5.7	NA	NA	NA	NA			
Hexachlorocyclopentadiene		380	NA	NA	NA	NA			
Hexachloroethane		32	NA	NA	NA	NA			
Hexachlorophene		16	NA	NA	NA	NA			
Hexachloropropene		Not Listed	NA	NA	NA	NA			
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA			
Isodrin		Not Listed	NA	NA	NA	NA			
Isophorone		470	NA	NA	NA	NA			
Isosafrole		Not Listed	NA	NA	NA	NA			
Methacrylene		55	NA	NA	NA	NA			
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA			
Naphthalene		55	NA	NA	NA	NA			
Nitrobenzene		16	NA	NA	NA	NA			
N-Nitrosodimethylamine		0.003	NA	NA	NA	NA			
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA			
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA			
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA			
N-Nitrosodiphenylamine		91	NA	NA	NA	NA			
N-Nitrosomethylamine		0.02	NA	NA	NA	NA			
N-Nitrosomorpholine		0.21	NA	NA	NA	NA			
N-Nitrosopiperidine		0.21	NA	NA	NA	NA			
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA			
o,o,c-Triethylphosphorothioate		11	NA	NA	NA	NA			
o-Toluidine		1.9	NA	NA	NA	NA			
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA			
Pentachlorobenzene		44	NA	NA	NA	NA			
Pentachloroethane		2.8	NA	NA	NA	NA			
Pentachloronitrobenzene		1.7	NA	NA	NA	NA			
Pentachlorophenol		2.5	NA	NA	NA	NA			
Phenacetin		640	NA	NA	NA	NA			
Phenanthrene		55	NA	NA	NA	NA			
Phenol		33000	NA	NA	NA	NA			
Pronamide		4100	NA	NA	NA	NA			
Pyrene		1500	NA	NA	NA	NA			
Pyridine		55	NA	NA	NA	NA			
Safrole		Not Listed	NA	NA	NA	NA			
Thioazain		330	NA	NA	NA	NA			

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Region 9 Residential PRGs	PDI		PDI		PDI	
		19-10-8-SB-19-SE 19-10-8-SB-19-SE 0-1 10/25/05	19-10-8-SB-19-SE 19-10-8-SB-19-SE 1-3 10/25/05	19-10-8-SB-19-SW 19-10-8-SB-19-SW 0-1 10/25/05	19-10-8-SB-19-SW 19-10-8-SB-19-SW 1-3 10/25/05		
Herbicides		NA	NA	NA	NA	NA	NA
Dinoseb	55	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	Not Applicable	NA	NA	NA	NA	NA	NA
Inorganics							
Antimony	30	NA	NA	NA	NA	NA	NA
Arsenic	0.38	NA	NA	NA	NA	NA	NA
Barium	5200	NA	NA	NA	NA	NA	NA
Beryllium	150	NA	NA	NA	NA	NA	NA
Cadmium	37	NA	NA	NA	NA	NA	NA
Chromium	210	NA	NA	NA	NA	NA	NA
Cobalt	3300	NA	NA	NA	NA	NA	NA
Copper	2800	NA	NA	NA	NA	NA	NA
Cyanide	11	NA	NA	NA	NA	NA	NA
Lead	400	NA	NA	NA	NA	NA	NA
Mercury	22	1.10	2.40	3.20	ND(0.120)		
Nickel	1500	NA	NA	NA	NA	NA	NA
Selenium	370	NA	NA	NA	NA	NA	NA
Silver	370	NA	NA	NA	NA	NA	NA
Sulfide	350	NA	NA	NA	NA	NA	NA
Thallium	6	NA	NA	NA	NA	NA	NA
Tin	45000	NA	NA	NA	NA	NA	NA
Vanadium	520	NA	NA	NA	NA	NA	NA
Zinc	22000	NA	NA	NA	NA	NA	NA

TABLE E-111
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-8 (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; EPA = EPA soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

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

J - Estimated Value

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE E-112
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-10-8 (NON-BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
2-Butanone	0.3	6,900	No
Acetone	0.54	1,400	No
Carbon Disulfide	0.0062	360	No
Toluene	0.0044	520	No
Xylenes (total)	0.013	210*	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.072	480	No
2,4-Dimethylphenol	0.32	1,100	No
2-Methylnaphthalene	0.32	55*	No
2-Methylphenol	0.07	2,700	No
4-Methylphenol	0.38	270	No
Acenaphthene	0.48	2,600	No
Acenaphthylene	0.21	55*	No
Acetophenone	0.046	0.49	No
Anthracene	0.49	14,000	No
Benzo(a)anthracene	1.2	0.56	Yes
Benzo(a)pyrene	1.2	0.056	Yes
Benzo(b)fluoranthene	1.2	0.56	Yes
Benzo(g,h,i)perylene	0.86	55*	No
Benzo(k)fluoranthene	1.2	5.6	No
bis(2-Ethylhexyl)phthalate	1.1	32	No
Chrysene	1.5	56	No
Dibenz(a,h)anthracene	0.34	0.056	Yes
Dibenzofuran	0.2	210	No
Fluoranthene	2	2,000	No
Fluorene	0.37	1,800	No
Indeno(1,2,3-cd)pyrene	0.75	0.56	Yes
Naphthalene	0.61	55	No
Phenanthrene	2.1	55*	No
Phenol	0.28	33,000	No
Pyrene	3.1	1,500	No
Inorganics			
Antimony	1.2	30	No
Arsenic	16	0.38	Yes
Barium	260	5,200	No
Beryllium	0.43	150	No
Cadmium	0.79	37	No
Chromium	58	210	No
Cobalt	14	3,300	No
Copper	170	2,800	No
Cyanide	0.61	11*	No
Lead	790	400	Yes
Mercury	34,000	22	Yes
Nickel	28	1,500	No
Selenium	4.2	370	No
Silver	0.58	370	No
Sulfide	1,000	350*	Yes
Tin	89	45,000	No
Vanadium	27	520	No
Zinc	810	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, sulfide, or xylenes (total). The PRGs for naphthalene, hydrogen cyanide, carbon disulfide, and m-xylene, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-113
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-12 0-1 03/08/05	I9-10-8-SB-16-SS 0-1 06/01/06	I9-10-8-SB-17 0-1 03/07/05	I9-10-8-SB-19 0-1 03/07/05	I9-10-8-SB-19-N 0-1 10/25/05	I9-10-8-SB-19-SE 0-1 10/25/05
Semivolatile Organics						
Benzo(a)anthracene	0.59	--	1.0	0.26	--	--
Benzo(a)pyrene	0.57	--	1.2	0.28	--	--
Benzo(b)fluoranthene	0.47	--	0.90	0.25	--	--
Dibenzo(a,h)anthracene	0.068	--	0.14	0.22	--	--
Indeno(1,2,3-cd)pyrene	0.26	--	0.58	0.13	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	4.20E-04	--	1.70E-05	1.20E-05	--	--
Inorganics						
Arsenic	7.00	--	11.0	16.0	--	--
Lead	180	225	260	340	--	--
Mercury	0.840	--	0.950	34,000	14.0	1.10
Sulfide	24.0	--	21.0	32.0	--	--

Sample ID: Sample Depth(Feet): Date Collected:	I9-10-8-SB-19-SW 0-1 10/25/05	COMP-I9-10-8-SB-19 0-1 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	--	--	N/A (See Note 6)	0.62	7	No
Benzo(a)pyrene	--	--	N/A (See Note 6)	0.68	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 6)	0.54	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 6)	0.14	0.7	No
Indeno(1,2,3-cd)pyrene	--	--	N/A (See Note 6)	0.32	7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	4.20E-04	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 6)	11.3	20	No
Lead	--	--	N/A (See Note 6)	251	300	No
Mercury	3.20	8,505	N/A (See Note 6)	2,835	20	Yes
Sulfide	--	--	N/A (See Note 6)	25.7	633*	No

See Notes on Page 2.

TABLE E-113
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL I9-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The mercury results presented for this sample location represents the average result from the following samples (depth; date collected): I9-10-8-SB-19-N (0-1'; 10/25/05), I9-10-8-SB-19-SE (0-1'; 10/25/05), I9-10-8-SB-19-SW (0-1'; 10/25/05), and I9-10-8-SB-19 (0-1'; 3/07/05).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-114
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Date Collected:	19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19-N 1-3 10/25/05	19-10-8-SB-19-SE 1-3 10/25/05	19-10-8-SB-19-SW 1-3 10/25/05	COMP-19-10-8-SB-19 1-3 (See Note 2)	19-10-8-SB-12 3-5 03/08/05
Semivolatile Organics						
Benzol(a)anthracene	0.37	--	--	--	--	0.80
Benzol(a)pyrene	0.43	--	--	--	--	0.83
Benzol(b)fluoranthene	0.32	--	--	--	--	0.79
Dibenzol(a,h)anthracene	0.049	--	--	--	--	2.2
Indeno(1,2,3-cd)pyrene	0.21	--	--	--	--	2.2
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.90E-06	--	--	--	--	3.00E-05
Inorganics						
Arsenic	12.0	--	--	--	--	8.50
Lead	280	--	--	--	--	790
Mercury	560	0.310	2.40	0.0600	141	0.260
Sulfide	18.0	--	--	--	--	210
Semivolatile Organics	Sample ID: 19-10-8-SB-16-SS Date Collected: 03/14/07	19-10-8-SB-18 3-5 03/07/05	19-10-8-SB-19 3-5 10/25/05	BH001208 5-7 02/02/04	19-10-8-SB-17 5-7 03/07/05	19-10-8-SB-12 7-9 03/08/05
Benzol(a)anthracene	--	0.23	--	1.2	0.51	0.13
Benzol(a)pyrene	--	0.23	--	1.2	0.33	0.10
Benzol(b)fluoranthene	--	0.23	--	1.2	0.25	0.093
Dibenzol(a,h)anthracene	--	0.23	--	0.34	0.46	0.21
Indeno(1,2,3-cd)pyrene	--	0.23	--	0.75	0.46	0.21
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	3.40E-06	--	--	4.30E-06	1.40E-06
Inorganics						
Arsenic	--	9.00	--	--	16.0	4.40
Lead	240	210	--	--	550	30.0
Mercury	--	0.880	29.0	--	1.80	0.0590
Sulfide	--	28.0	--	--	44.0	130

See Notes on Page 2

TABLE E-114
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-18 7-9 03/07/05	19-10-8-SB-17 9-11 03/07/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzol(a)anthracene	0.47	0.39	N/A (See Note 7)	0.51	7	No
Benzol(a)pyrene	0.47	0.39	N/A (See Note 7)	0.50	2	No
Benzol(b)fluoranthene	0.47	0.39	N/A (See Note 7)	0.47	7	No
Dibenzol(a,h)anthracene	0.47	0.39	N/A (See Note 7)	0.54	0.7	No
Indeno(1,2,3-cd)pyrene	0.47	0.39	N/A (See Note 7)	0.62	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	5.50E-07	7.00E-07	3.00E-05	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	8.80	1.50	N/A (See Note 7)	8.60	20	No
Lead	74.0	1.30	N/A (See Note 7)	272	300	No
Mercury	0.430	0.115	N/A (See Note 7)	21.7	20	Yes
Sulfide	170	1,000	N/A (See Note 7)	229	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth: date collected): 19-10-8-SB-16-N (1-3'; 10/24/05), 19-10-8-SB-16-S (1-3'; 10/24/05), 19-10-11-SB-NW (1-3'; 3/15/07), 19-10-11-SB-SW (1-3'; 3/15/07), and 19-10-8-SB-16 (1-3'; 3/09/05).
- The mercury results presented for this sample location represents the average result from the following samples (depth: date collected): 19-10-8-SB-19-N (1-3'; 10/25/05), 19-10-8-SB-19-SE (1-3'; 10/25/05), 19-10-8-SB-19-SW (1-3'; 10/25/05), and 19-10-8-SB-19 (1-3'; 3/07/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-115
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-12 0-1 03/08/05	19-10-8-SB-16-SS 0-1 06/01/06	19-10-8-SB-17 0-1 03/07/05	19-10-8-SB-19 0-1 03/07/05	19-10-8-SB-19-N 0-1 10/25/05	19-10-8-SB-19-SE 0-1 10/25/05
Semivolatile Organics						
Benzo(a)anthracene	0.59	--	1.0	0.26	--	--
Benzo(a)pyrene	0.57	--	1.2	0.28	--	--
Benzo(b)fluoranthene	0.47	--	0.90	0.25	--	--
Dibenzo(a,h)anthracene	0.068	--	0.14	0.22	--	--
Indeno(1,2,3-cd)pyrene	0.26	--	0.58	0.13	--	--
Total TEQs (WHO TEQs)	4.20E-04	--	1.70E-05	1.20E-05	--	--
Inorganics						
Arsenic	7.00	--	11.0	16.0	--	--
Lead	180	225	260	340	14.0	1.10
Mercury	0.840	--	0.950	0.0729	--	--
Sulfide	24.0	--	21.0	32.0	--	--
Sample ID:	19-10-8-SB-19-SW	COMP-19-10-8-SB-19	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Sample Depth(Feet):	0-1	0-1 (See Note 1)				
Date Collected:	10/25/05					
Semivolatile Organics						
Benzo(a)anthracene	--	--	N/A (See Note 6)	0.62	7	No
Benzo(a)pyrene	--	--	N/A (See Note 6)	0.68	2	No
Benzo(b)fluoranthene	--	--	N/A (See Note 6)	0.54	7	No
Dibenzo(a,h)anthracene	--	--	N/A (See Note 6)	0.14	0.7	No
Indeno(1,2,3-cd)pyrene	--	--	N/A (See Note 6)	0.32	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	4.20E-04	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 6)	11.3	20	No
Lead	--	--	N/A (See Note 6)	251	300	No
Mercury	3.20	4.59	N/A (See Note 6)	2.13	20	No
Sulfide	--	--	N/A (See Note 6)	25.7	633*	No

See Notes on Page 2.

TABLE E-115
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The mercury results presented for this sample location represents the average result from the following samples (depth; date collected):
19-10-8-SB-19-N (0-1'; 10/25/05), 19-10-8-SB-19-SE (0-1'; 10/25/05), 19-10-8-SB-19-SW (0-1'; 10/25/05), and 19-10-8-SB-19 (0-1'; 3/07/05).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River(SOW)* or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
9. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-116
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-19 1-3 03/07/05	19-10-8-SB-19-N 1-3 10/25/05	19-10-8-SB-19-SE 1-3 10/25/05	19-10-8-SB-19-SW 1-3 10/25/05	COMP-19-10-8-SB-19 1-3 (See Note 2)	19-10-8-SB-12 3-5 03/08/05
Semivolatile Organics						
Benzol(a)anthracene	0.37	--	--	--	--	0.80
Benzol(a)pyrene	0.43	--	--	--	--	0.83
Benzol(b)fluoranthene	0.32	--	--	--	--	0.79
Dibenzol(a,h)anthracene	0.049	--	--	--	--	2.2
Indeno(1,2,3-cd)pyrene	0.21	--	--	--	--	2.2
Dioxins/Furans						
Total TEQs (WHO TEFs)	8.90E-06	--	--	--	--	3.00E-05
Inorganics						
Arsenic	12.0	--	--	--	--	8.50
Lead	280	--	--	--	--	790
Mercury	0.0729	0.310	2.40	0.0600	0.711	0.260
Sulfide	18.0	--	--	--	--	210
Semivolatile Organics						
Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-16-SS 3-5 03/14/07	19-10-8-SB-18 3-5 03/07/05	19-10-8-SB-19 3-5 10/25/05	BH001208 5-7 02/02/04	19-10-8-SB-17 5-7 03/07/05	19-10-8-SB-12 7-9 03/08/05
Semivolatile Organics						
Benzol(a)anthracene	--	0.23	--	1.2	0.51	0.13
Benzol(a)pyrene	--	0.23	--	1.2	0.33	0.10
Benzol(b)fluoranthene	--	0.23	--	1.2	0.25	0.093
Dibenzol(a,h)anthracene	--	0.23	--	0.34	0.46	0.21
Indeno(1,2,3-cd)pyrene	--	0.23	--	0.75	0.46	0.21
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	3.40E-06	--	--	4.30E-06	1.40E-06
Inorganics						
Arsenic	--	9.00	--	--	16.0	4.40
Lead	240	210	--	--	550	30.0
Mercury	--	0.880	29.0	--	1.80	0.0590
Sulfide	--	28.0	--	--	44.0	130

See Notes on Page 2

TABLE E-116
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-8: 1- TO X-FOOT [X=11] DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Fee): Date Collected:	19-10-8-SB-18 7-9 03/07/05	19-10-8-SB-17 9-11 03/07/05	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Benzol(a)anthracene	0.47	0.39	N/A (See Note 7)	0.51	7	No
Benzol(a)pyrene	0.47	0.39	N/A (See Note 7)	0.50	2	No
Benzol(b)fluoranthene	0.47	0.39	N/A (See Note 7)	0.47	7	No
Dibenzol(a,h)anthracene	0.47	0.39	N/A (See Note 7)	0.54	0.7	No
Indeno(1,2,3-cd)pyrene	0.47	0.39	N/A (See Note 7)	0.62	7	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	5.50E-07	7.00E-07	3.00E-05	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	8.80	1.50	N/A (See Note 7)	8.60	20	No
Lead	74.0	1.30	N/A (See Note 7)	272	300	No
Mercury	0.430	0.115	N/A (See Note 7)	4.2	20	No
Sulfide	170	1,000	N/A (See Note 7)	229	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth, date collected): 19-10-8-SB-16-N (1-3'; 10/24/05), 19-10-8-SB-16-S (1-3'; 10/24/05), 19-10-1-SB-NW (1-3'; 3/15/07), 19-10-1-SB-SW (1-3'; 3/15/07), and 19-10-8-SB-16 (1-3'; 3/09/05).
- The mercury results presented for this sample location represents the average result from the following samples (depth, date collected): 19-10-8-SB-19-N (1-3'; 10/25/05), 19-10-8-SB-19-SE (1-3'; 10/25/05), and 19-10-8-SB-19 (1-3'; 3/07/05).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

Parcel 19-10-11 (non-bank)

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16 0-1 03/09/05	19-10-8-SB-16 1-3 03/09/05	19-10-8-SB-16 3-5 03/14/07	19-10-8-SB-16 9-11 03/09/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,1-Trichloroethane		680	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1,2-Trichloroethane		0.82	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1-Dichloroethane		570	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,1-Dichloroethene		0.052	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2,3-Trichloropropane		0.0014	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dibromoethane		0.0049	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dichloroethane		0.34	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,2-Dichloropropane		0.34	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
1,4-Dioxane		40	ND(0.13)	ND(0.15)	NA	ND(0.28)
2-Butanone		6900	ND(0.013)	ND(0.015)	NA	ND(0.028)
2-Chloro-1,3-butadiene		3.6	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
2-Chloroethylvinylether		0.18	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
2-Hexanone		750	ND(0.013)	ND(0.015)	NA	ND(0.028)
3-Chloropropene		2700	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.015)	NA	ND(0.028)
Acetone		1400	ND(0.026)	ND(0.031)	NA	0.19
Acetonitrile		200	ND(0.13)	ND(0.15)	NA	ND(0.28)
Acrolein		0.1	ND(0.13)	ND(0.15)	NA	ND(0.28)
Acrylonitrile		0.19	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Benzene		0.62	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromodichloromethane		0.98	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromoform		56	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Bromomethane		3.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Carbon Disulfide		350	ND(0.0066)	ND(0.0077)	NA	0.0091 J
Carbon Tetrachloride		0.23	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chlorobenzene		54	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloroethane		1600	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloroform		0.24	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Chloromethane		1.2	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
cis-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dibromochloromethane		5.3	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dibromomethane		550	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Dichlorodifluoromethane		94	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Ethyl Methacrylate		140	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Ethylbenzene		230	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Iodomethane		1.2	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Isobutanol		10000	0.14	ND(0.15)	NA	ND(0.28)
Methacrylonitrile		1.8	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Methyl Methacrylate		2200	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Methylene Chloride		8.5	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Propionitrile		200	ND(0.013)	ND(0.015)	NA	ND(0.028)
Styrene		1700	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Tetrachloroethene		4.7	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Toluene		520	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,2-Dichloroethane		62	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,3-Dichloropropene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Trichloroethene		2.7	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Trichlorofluoromethane		380	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Vinyl Acetate		420	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Vinyl Chloride		0.021	ND(0.0066)	ND(0.0077)	NA	ND(0.014)
Xylenes (Total)		210	ND(0.0066)	ND(0.0077)	NA	ND(0.014)

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16 0-1 03/09/05	19-10-8-SB-16 1-3 03/09/05	19-10-8-SB-16 3-5 03/14/07	19-10-8-SB-16 9-11 03/09/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2,4-Trichlorobenzene		480	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2-Dichlorobenzene		370	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,2-Diphenylhydrazine		0.56	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3,5-Trinitrobenzene		1600	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3-Dichlorobenzene		41	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,3-Dinitrobenzene		5.5	ND(0.88)	ND(1.0)	NA	ND(1.8)
1,4-Dichlorobenzene		3	ND(0.44)	ND(0.51)	NA	ND(0.92)
1,4-Naphthoquinone		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
1-Naphthylamine		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2,3,4,6-Tetrachlorophenol		1600	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4,5-Trichlorophenol		5500	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4,6-Trichlorophenol		40	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dichlorophenol		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dimethylphenol		1100	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,4-Dinitrophenol		110	ND(2.2)	ND(2.6)	NA	ND(4.7)
2,4-Dinitrotoluene		110	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,6-Dichlorophenol		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
2,6-Dinitrotoluene		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Acetylaminofluorene		0.56	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Chloronaphthalene		3700	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Chlorophenol		59	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Methylnaphthalene		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Methylphenol		2700	ND(0.44)	ND(0.51)	NA	ND(0.92)
2-Naphthylamine		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Nitroaniline		3.3	ND(2.2)	ND(2.6)	NA	ND(4.7)
2-Nitrophenol		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
2-Picoline		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
3&4-Methylphenol		270	ND(0.88)	ND(1.0)	NA	0.26 J
3,3-Dichlorobenzidine		0.99	ND(0.88)	ND(1.0)	NA	ND(1.8)
3,3-Dimethylbenzidine		0.048	ND(0.44)	ND(0.51)	NA	ND(0.92)
3-Methylcholanthrene		0.056	ND(0.88)	ND(1.0)	NA	ND(1.8)
3-Nitroaniline		5.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
4,6-Dinitro-2-methylphenol		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Aminobiphenyl		1400	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Bromophenyl-phenylether		160	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chloro-3-Methylphenol		2700	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chloroaniline		220	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Chlorobenzilate		1.6	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Chlorophenyl-phenylether		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
4-Nitroaniline		5.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
4-Nitrophenol		3400	ND(2.2)	ND(2.6)	NA	ND(4.7)
4-Nitroquinoline-1-oxide		110	ND(0.88)	ND(1.0)	NA	ND(1.8)
4-Phenylenediamine		10000	ND(0.88)	ND(1.0)	NA	ND(1.8)
5-Nitro-o-toluidine		13	ND(0.88)	ND(1.0)	NA	ND(1.8)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.88)	ND(1.0)	NA	ND(1.8)
a,a-Dimethylphenethylamine		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
Acenaphthene		2600	ND(0.44)	0.10 J	NA	ND(0.92)
Acenaphthylene		55	ND(0.44)	0.055 J	NA	0.14 J
Acetophenone		0.49	ND(0.44)	ND(0.51)	NA	ND(0.92)
Aniline		78	ND(0.44)	ND(0.51)	NA	ND(0.92)
Anthracene		14000	ND(0.44)	0.048 J	NA	0.17 J
Aramite		18	ND(0.88)	ND(1.0)	NA	ND(1.8)
Benzidine		0.0019	ND(0.88)	ND(1.0)	NA	ND(1.8)
Benz(a)anthracene		0.56	0.088 J	0.16 J	NA	0.32 J
Benz(a)pyrene		0.056	0.090 J	0.18 J	NA	0.40 J
Benz(b)fluoranthene		0.56	0.087 J	0.19 J	NA	0.32 J
Benz(k)fluoranthene		55	ND(0.44)	0.12 J	NA	0.18 J
Benzyl Alcohol		5.6	0.089 J	0.17 J	NA	0.41 J
Benzyl Alcohol		16000	ND(0.88)	ND(1.0)	NA	ND(1.8)

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16	19-10-8-SB-16	19-10-8-SB-16	19-10-8-SB-16
			0-1 03/09/05	1-3 03/09/05	3-5 03/14/07	9-11 03/09/05
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Chloroethoxy)ether		0.18	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Chloroisopropyl)ether		2.5	ND(0.44)	ND(0.51)	NA	ND(0.92)
bis(2-Ethylhexyl)phthalate		32	ND(0.43)	0.46 J	NA	ND(0.92)
Burylbzylphthalate		930	ND(0.44)	ND(0.51)	NA	ND(0.92)
Chrysene		56	0.094 J	0.17 J	NA	0.45 J
Diallate		7.3	ND(0.88)	ND(1.0)	NA	ND(1.8)
Dibenzo(a,h)anthracene		0.056	ND(0.44)	ND(0.51)	NA	ND(0.92)
Dibenzofuran		210	ND(0.44)	ND(0.51)	NA	ND(0.92)
Diethylphthalate		44000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Dimethylphthalate		100000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Di-n-Burylphthalate		5500	ND(0.44)	ND(0.51)	NA	ND(0.92)
Di-n-Octylphthalate		1100	ND(0.44)	ND(0.51)	NA	ND(0.92)
Diphenylamine		1400	ND(0.44)	ND(0.51)	NA	ND(0.92)
Ethyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Fluoranthene		2000	0.17 J	0.34 J	NA	0.63 J
Fluorene		1800	ND(0.44)	ND(0.51)	NA	0.12 J
Hexachlorobenzene		0.28	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorobutadiene		5.7	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorocyclopentadiene		380	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachloroethane		32	ND(0.44)	ND(0.51)	NA	ND(0.92)
Hexachlorophene		16	ND(0.88)	ND(1.0)	NA	ND(1.8)
Hexachloropropene		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.44)	0.094 J	NA	0.20 J
Isodrin		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Isophorone		470	ND(0.44)	ND(0.51)	NA	ND(0.92)
Isosafrole		Not Listed	ND(0.88)	ND(1.0)	NA	ND(1.8)
Methapyrene		55	ND(0.88)	ND(1.0)	NA	ND(1.8)
Methyl Methanesulfonate		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Naphthalene		55	ND(0.44)	ND(0.51)	NA	0.25 J
Nitrobenzene		16	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodiallylamine		0.003	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodimethylamine		0.0087	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitroso-di-n-butylamine		0.022	ND(0.88)	ND(1.0)	NA	ND(1.8)
N-Nitroso-di-n-propylamine		0.063	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosodiphenylamine		91	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosomethylamine		0.02	ND(0.88)	ND(1.0)	NA	ND(1.8)
N-Nitrosomorpholine		0.21	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosopiperidine		0.21	ND(0.44)	ND(0.51)	NA	ND(0.92)
N-Nitrosopyrrolidine		0.21	ND(0.88)	ND(1.0)	NA	ND(1.8)
o,o'-Triethylphosphorothioate		11	ND(0.44)	ND(0.51)	NA	ND(0.92)
o-Toluidine		1.9	ND(0.44)	ND(0.51)	NA	ND(0.92)
p-Dimethylaminoazobenzene		0.99	ND(0.88)	ND(1.0)	NA	ND(1.8)
Pentachlorobenzene		44	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pentachloroethane		2.8	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pentachloronitrobenzene		1.7	ND(0.88)	ND(1.0)	NA	ND(1.8)
Pentachlorophenol		2.5	ND(2.2)	ND(2.6)	NA	ND(4.7)
Phenacetin		640	ND(0.88)	ND(1.0)	NA	ND(1.8)
Phenanthrene		55	0.079 J	0.16 J	NA	0.49 J
Phenol		33000	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pronamide		4100	ND(0.44)	ND(0.51)	NA	ND(0.92)
Pyrene		1500	0.17 J	0.32 J	NA	0.85 J
Pyridine		55	ND(0.44)	ND(0.51)	NA	ND(0.92)
Safrole		Not Listed	ND(0.44)	ND(0.51)	NA	ND(0.92)
Thiomazin		330	ND(0.44)	ND(0.51)	NA	ND(0.92)

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRGs		19-10-8-SB-16	19-10-8-SB-16	19-10-8-SB-16	19-10-8-SB-16
		0-1 03/09/05	1-3 03/09/05	3-5 03/14/07	9-11 03/09/05		
Furans							
2,3,7,8-TCDF	Not Applicable	0.000090 Y	0.000093 Y	NA	NA	ND(0.0000033) X	
TCDFs (total)	Not Applicable	0.00074	0.0012	NA	NA	0.000019	
1,2,3,7,8-PeCDF	Not Applicable	0.000038	0.000041	NA	NA	0.0000018 J	
2,3,4,7,8-PeCDF	Not Applicable	0.00011	0.00010	NA	NA	0.0000030 J	
PeCDFs (total)	Not Applicable	0.00081	0.00094	NA	NA	0.000013 J	
1,2,3,4,7,8-HxCDF	Not Applicable	0.000053	0.00016	NA	NA	0.0000030 J	
1,2,3,6,7,8-HxCDF	Not Applicable	0.000034	0.000076	NA	NA	ND(0.000018) X	
1,2,3,7,8,9-HxCDF	Not Applicable	ND(0.000010)	0.000031	NA	NA	ND(0.000017)	
2,3,4,6,7,8-HxCDF	Not Applicable	0.000053	0.000060	NA	NA	ND(0.000020) X	
HxCDFs (total)	Not Applicable	0.00057	0.00089	NA	NA	0.000012 J	
1,2,3,4,6,7,8-HpCDF	Not Applicable	0.00012	0.00021	NA	NA	0.0000065 J	
1,2,3,4,7,8,9-HpCDF	Not Applicable	ND(0.000089) X	0.000046	NA	NA	ND(0.000013)	
HpCDFs (total)	Not Applicable	0.00020	0.00044	NA	NA	0.0000089 J	
OCDF	Not Applicable	0.000088	0.00013	NA	NA	0.0000055 J	
Dioxins							
2,3,7,8-TCDD	Not Applicable	ND(0.0000012) X	0.0000014 J	NA	NA	0.0000013 J	
TCDDs (total)	Not Applicable	0.000010	0.000037	NA	NA	0.0000013 J	
1,2,3,7,8-PeCDD	Not Applicable	ND(0.0000032) X	ND(0.0000034) X	NA	NA	ND(0.000013) J	
PeCDDs (total)	Not Applicable	0.000036	0.000056	NA	NA	0.0000015 J	
1,2,3,4,7,8-HxCDD	Not Applicable	0.0000031 J	0.0000038 J	NA	NA	ND(0.000015) J	
1,2,3,6,7,8-HxCDD	Not Applicable	0.0000089	0.000010	NA	NA	ND(0.000014)	
1,2,3,7,8,9-HxCDD	Not Applicable	0.0000070 J	0.0000075	NA	NA	ND(0.000015) J	
HxCDDs (total)	Not Applicable	0.000084	0.00013	NA	NA	ND(0.000015) J	
1,2,3,4,6,7,8-HpCDD	Not Applicable	0.00011	0.00016	NA	NA	0.0000036 J	
HpCDDs (total)	Not Applicable	0.00020	0.00033	NA	NA	0.0000070 J	
OCDD	Not Applicable	0.00070	0.0020	NA	NA	0.000019 J	
Total TEQs (WHO TEFs)	Not Applicable	0.000087	0.00010	NA	NA	0.0000046	
Inorganics							
Aluminum	75000	NA	NA	7980	NA	NA	
Antimony	30	5.40 B	5.00 B	ND(5.30) J	NA	3.50 B	
Arsenic	0.38	7.60	9.20	19.8	NA	7.30	
Barium	5200	1400	910	235	NA	80.0	
Beryllium	150	0.320 B	0.270 B	1.25 B	NA	0.390 B	
Cadmium	37	4.80	1.70	ND(1.75) J	NA	0.360 B	
Calcium	Not Listed	NA	NA	3560 J	NA	NA	
Chromium	210	50.0	25.0	18.6	NA	20.0	
Cobalt	3300	8.80	9.60	9.36	NA	7.30	
Copper	2800	66.0	82.0	79.4	NA	120	
Cyanide	11	0.570	0.640	NA	NA	0.680	
Iron	22000	NA	NA	15200	NA	NA	
Lead	400	1700	710	337	NA	280	
Magnesium	Not Listed	NA	NA	1580	NA	NA	
Manganese	3100	NA	NA	683	NA	NA	
Mercury	22	0.220	0.330	0.205 J	NA	0.580	
Nickel	1500	20.0	23.0	19.0	NA	18.0	
Potassium	Not Listed	NA	NA	1010	NA	NA	
Selenium	370	3.00	2.80	ND(2.69) J	NA	2.90	
Silver	370	0.630 B	0.780 B	ND(1.32)	NA	0.310 B	
Sulfide	Not Listed	NA	NA	239	NA	NA	
Sodium	350	NA	NA	NA	NA	400	
Thallium	6	ND(1.30)	ND(1.50)	ND(1.32)	NA	ND(2.80)	
Tin	45000	22.0	16.0	NA	NA	36.0	
Vanadium	520	24.0	17.0	19.7	NA	12.0	
Zinc	22000	1100	750	501	NA	180	

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-N	19-10-8-SB-16-N	19-10-8-SB-16-S	19-10-8-SB-16-S
			0-1 10/24/05	1-3 10/24/05	0-1 10/24/05	1-3 10/24/05
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-10-8-SB-16-N	19-10-8-SB-16-N	19-10-8-SB-16-S	19-10-8-SB-16-S
			0-1 10/24/05	1-3 10/24/05	0-1 10/24/05	1-3 10/24/05
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrofluorene		110	NA	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA	NA
2,6-Dinitrofluorene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3,4-Methylphenol		270	NA	NA	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,1'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA
Aramid		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-N	19-10-8-SB-16-N	19-10-8-SB-16-S	19-10-8-SB-16-S
			0-1 10/24/05	1-3 10/24/05	0-1 10/24/05	1-3 10/24/05
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methacrylene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiallylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o'-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

**TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGS	19-10-8-SB-16-N	19-10-8-SB-16-N	19-10-8-SB-16-S	19-10-8-SB-16-S
			0-1 10/24/05	1-3 10/24/05	0-1 10/24/05	1-3 10/24/05
Furans						
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEQs)		Not Applicable	NA	NA	NA	NA
Inorganics						
Aluminum		75000	NA	NA	NA	NA
Antimony		30	NA	NA	NA	NA
Arsenic		0.38	NA	NA	NA	NA
Barium		5200	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA
Calcium		Not Listed	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA
Iron		22000	NA	NA	NA	NA
Lead		400	240	80.0	1300	1300
Magnesium		Not Listed	NA	NA	NA	NA
Manganese		3100	NA	NA	NA	NA
Mercury		22	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA
Potassium		Not Listed	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA
Sodium		Not Listed	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-S 3-5 03/14/07	19-10-8-SB-16-S 5-7 03/14/07	19-10-11-SB-16-NW 0-1 03/15/07	19-10-11-SB-16-NW 1-3 03/15/07
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethane		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft/eel): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-S	19-10-8-SB-16-S	19-10-11-SB-16-NW	19-10-11-SB-16-NW
			3-5 03/14/07	5-7 03/14/07	0-1 03/15/07	1-3 03/15/07
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA	NA
2,6-Dinitrotoluene		160	NA	NA	NA	NA
2,6-Dinitrofluorene		55	NA	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA	NA
2-Picoline		55	NA	NA	NA	NA
3,4-Methylphenol		270	NA	NA	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA	NA	NA
3,3'-Dimethylbenzidine		0.048	NA	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA	NA	NA
Acenaphthene		2600	NA	NA	NA	NA
Acenaphthylene		55	NA	NA	NA	NA
Acetophenone		0.49	NA	NA	NA	NA
Aniline		78	NA	NA	NA	NA
Anthracene		14000	NA	NA	NA	NA
Aramite		18	NA	NA	NA	NA
Benzidine		0.0019	NA	NA	NA	NA
Benzo(a)anthracene		0.56	NA	NA	NA	NA
Benzo(a)pyrene		0.056	NA	NA	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA	NA	NA
Benzo(g,h,i)perylene		55	NA	NA	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-S	19-10-8-SB-16-S	19-10-11-SB-16-NW	19-10-11-SB-16-NW
			3-5 03/14/07	5-7 03/14/07	0-1 03/15/07	1-3 03/15/07
Semi-volatile Organics (continued)						
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA	NA
Chrysene		56	NA	NA	NA	NA
Diallate		7.3	NA	NA	NA	NA
Dibenzof(a,h)anthracene		0.056	NA	NA	NA	NA
Dibenzofuran		210	NA	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA	NA
Diphenylamine		1400	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Fluoranthene		2000	NA	NA	NA	NA
Fluorene		1800	NA	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA	NA
Hexachloroethane		32	NA	NA	NA	NA
Hexachlorophene		16	NA	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA	NA
Isophorone		470	NA	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA	NA
Methapyrene		55	NA	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA	NA
Naphthalene		55	NA	NA	NA	NA
Nitrobenzene		16	NA	NA	NA	NA
N-Nitrosodiethylamine		0.003	NA	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA	NA
N-Nitrosomethylamine		0.02	NA	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA	NA
N-Nitrosopyridine		0.21	NA	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA	NA
o,o'-Triethylphosphorothioate		11	NA	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA	NA
Phenacetin		640	NA	NA	NA	NA
Phenanthrene		55	NA	NA	NA	NA
Phenol		33000	NA	NA	NA	NA
Pronamide		4100	NA	NA	NA	NA
Pyrene		1500	NA	NA	NA	NA
Pyridine		55	NA	NA	NA	NA
Safrole		Not Listed	NA	NA	NA	NA
Thionazin		330	NA	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-8-SB-16-S	19-10-8-SB-16-S	19-10-11-SB-16-NW	19-10-11-SB-16-NW
			3-5 03/14/07	5-7 03/14/07	0-1 03/15/07	1-3 03/15/07
Furans						
2,3,7,8-TCDF	Not Applicable	NA	NA	NA	NA	NA
TCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Applicable	NA	NA	NA	NA	NA
PeCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Applicable	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Applicable	NA	NA	NA	NA	NA
HxCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Applicable	NA	NA	NA	NA	NA
HpCDFs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDF	Not Applicable	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Applicable	NA	NA	NA	NA	NA
TCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Applicable	NA	NA	NA	NA	NA
PeCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Applicable	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Applicable	NA	NA	NA	NA	NA
HxCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Applicable	NA	NA	NA	NA	NA
HpCDDs (total)	Not Applicable	NA	NA	NA	NA	NA
OCDD	Not Applicable	NA	NA	NA	NA	NA
Total TEQs (WHO TEQs)	Not Applicable	NA	NA	NA	NA	NA
Inorganics						
Aluminum	75000	15900	NA	11500	16500	NA
Antimony	30	13.3 J	NA	ND(4.55) J	ND(4.43) J	NA
Arsenic	0.38	27.6	NA	7.26 B	26.4	NA
Barium	5200	635	NA	73.9	140	NA
Beryllium	150	2.57 J	NA	0.0432 B	0.0421 B	NA
Cadmium	37	2.81 J	NA	ND(1.14) J	ND(1.11) J	NA
Calcium	Not Listed	20300 J	NA	3630	6120	NA
Chromium	210	52.9	NA	24.0	21.9	NA
Cobalt	3300	46.2	NA	9.10	13.8	NA
Copper	2800	265	NA	32.5 J	199 J	NA
Cyanide	11	NA	NA	NA	NA	NA
Iron	22000	68700	NA	23300	39300	NA
Lead	400	2270	100	108	330	NA
Magnesium	Not Listed	10300	NA	4980	4580	NA
Manganese	3100	1800	NA	412	1200	NA
Mercury	22	0.557 J	NA	0.245	0.116	NA
Nickel	1500	48.5	NA	16.4	23.5	NA
Potassium	Not Listed	1170	NA	512	797	NA
Selenium	370	ND(2.93) J	NA	ND(2.28) J	ND(2.21) J	NA
Silver	370	ND(1.47)	NA	ND(1.14) J	ND(1.11) J	NA
Sodium	Not Listed	252	NA	35.8	165	NA
Sulfide	350	NA	NA	NA	NA	NA
Thallium	6	ND(1.47)	NA	ND(1.14)	1.28	NA
Tin	45000	NA	NA	NA	NA	NA
Vanadium	520	28.6	NA	15.4	22.1	NA
Zinc	22000	1410	NA	148	325	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGS	19-10-11-SB-16-NW	19-10-11-SB-16-NW	19-10-11-SB-16-SW
			3-5 03/15/07	5-7 03/15/07	0-1 03/15/07
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA
2-Butanone		6900	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA
2-Hexanone		750	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA
Acetone		1400	NA	NA	NA
Acetonitrile		200	NA	NA	NA
Acrolein		0.1	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA
Benzene		0.62	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA
Bromoform		56	NA	NA	NA
Bromomethane		3.8	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA
Chlorobenzene		54	NA	NA	NA
Chloroethane		1600	NA	NA	NA
Chloroform		0.24	NA	NA	NA
Chloromethane		1.2	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA
Dibromomethane		550	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA
Ethylbenzene		230	NA	NA	NA
Iodomethane		1.2	NA	NA	NA
Isobutanol		10000	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA
Propionitrile		200	NA	NA	NA
Styrene		1700	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA
Toluene		520	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA
Trichloroethane		2.7	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA
Xylenes (total)		210	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-NW	19-10-11-SB-16-NW	19-10-11-SB-16-SW
			3-5 03/15/07	5-7 03/15/07	0-1 03/15/07
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA	NA
1,2-Dichlorobenzene		370	NA	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA	NA
1,3-Dichlorobenzene		41	NA	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA	NA
1,4-Dichlorobenzene		3	NA	NA	NA
1,4-Naphthoquinone		55	NA	NA	NA
1-Naphthylamine		Not Listed	NA	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA	NA
2,4,6-Trichlorophenol		40	NA	NA	NA
2,4-Dichlorophenol		160	NA	NA	NA
2,4-Dimethylphenol		1100	NA	NA	NA
2,4-Dinitrophenol		110	NA	NA	NA
2,4-Dinitrotoluene		110	NA	NA	NA
2,6-Dichlorophenol		160	NA	NA	NA
2,6-Dinitrotoluene		55	NA	NA	NA
2-Acetylaminofluorene		0.56	NA	NA	NA
2-Chloronaphthalene		3700	NA	NA	NA
2-Chlorophenol		59	NA	NA	NA
2-Methylnaphthalene		55	NA	NA	NA
2-Methylphenol		2700	NA	NA	NA
2-Naphthylamine		Not Listed	NA	NA	NA
2-Nitroaniline		3.3	NA	NA	NA
2-Nitrophenol		Not Listed	NA	NA	NA
2-Picoline		55	NA	NA	NA
3&4-Methylphenol		270	NA	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA	NA
3,3-Dimethylbenzidine		0.048	NA	NA	NA
3-Methylcholanthrene		0.056	NA	NA	NA
3-Nitroaniline		5.5	NA	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA	NA
4-Aminobiphenyl		1400	NA	NA	NA
4-Bromophenyl-phenylether		160	NA	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA	NA
4-Chloroaniline		220	NA	NA	NA
4-Chlorobenzilate		1.6	NA	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA	NA
4-Nitroaniline		5.5	NA	NA	NA
4-Nitrophenol		3400	NA	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA	NA
4-Phenylenediamine		10000	NA	NA	NA
5-Nitro-o-toluidine		13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA	NA
a,a-Dimethylphenethylamine		55	NA	NA	NA
Acenaphthene		2600	NA	NA	NA
Acenaphthylene		55	NA	NA	NA
Acetophenone		0.49	NA	NA	NA
Aniline		78	NA	NA	NA
Anthracene		14000	NA	NA	NA
Aramite		18	NA	NA	NA
Benzidine		0.0019	NA	NA	NA
Benzol(a)anthracene		0.56	NA	NA	NA
Benzol(a)pyrene		0.056	NA	NA	NA
Benzol(b)fluoranthene		0.56	NA	NA	NA
Benzol(g,h,i)perylene		55	NA	NA	NA
Benzol(k)fluoranthene		5.6	NA	NA	NA
Benzyl Alcohol		16000	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(ft/feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-NW 3-5 03/15/07	19-10-11-SB-16-NW 5-7 03/15/07	19-10-11-SB-16-SW 0-1 03/15/07
Semi-volatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	NA	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA	NA
Butylbenzylphthalate		930	NA	NA	NA
Chrysene		56	NA	NA	NA
Diallate		7.3	NA	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA	NA
Dibenzofuran		210	NA	NA	NA
Diethylphthalate		44000	NA	NA	NA
Dimethylphthalate		100000	NA	NA	NA
Di-n-Butylphthalate		5500	NA	NA	NA
Di-n-Octylphthalate		1100	NA	NA	NA
Diphenylamine		1400	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA	NA
Fluoranthene		2000	NA	NA	NA
Fluorene		1800	NA	NA	NA
Hexachlorobenzene		0.28	NA	NA	NA
Hexachlorobutadiene		5.7	NA	NA	NA
Hexachlorocyclopentadiene		380	NA	NA	NA
Hexachloroethane		32	NA	NA	NA
Hexachlorophene		16	NA	NA	NA
Hexachloropropene		Not Listed	NA	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA	NA
Isodrin		Not Listed	NA	NA	NA
Isophorone		470	NA	NA	NA
Isosafrole		Not Listed	NA	NA	NA
Methapyrene		55	NA	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA	NA
Naphthalene		55	NA	NA	NA
Nitrobenzene		16	NA	NA	NA
N-Nitrosodimethylamine		0.003	NA	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA	NA
N-Nitrosodiphenylamine		91	NA	NA	NA
N-Nitrosomethylamine		0.02	NA	NA	NA
N-Nitrosomorpholine		0.21	NA	NA	NA
N-Nitrosopiperidine		0.21	NA	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA	NA
o,o'-Triethylphosphorothioate		11	NA	NA	NA
o-Toluidine		1.9	NA	NA	NA
p-Dimethylaminoazobenzene		0.99	NA	NA	NA
Pentachlorobenzene		44	NA	NA	NA
Pentachloroethane		2.8	NA	NA	NA
Pentachloronitrobenzene		1.7	NA	NA	NA
Pentachlorophenol		2.5	NA	NA	NA
Phenacetic		640	NA	NA	NA
Phenanthrene		55	NA	NA	NA
Phenol		33000	NA	NA	NA
Pronamide		4100	NA	NA	NA
Pyrene		1500	NA	NA	NA
Pyridine		55	NA	NA	NA
Safrole		Not Listed	NA	NA	NA
Thionazin		330	NA	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth/(feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-NW	19-10-11-SB-16-NW	19-10-11-SB-16-SW
			3-5 03/15/07	5-7 03/15/07	0-1 03/15/07
Furans					
2,3,7,8-TCDF		Not Applicable	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		Not Applicable	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA
Inorganics					
Aluminum		75000	NA	NA	12000 [10300]
Antimony		30	NA	NA	ND(4.57) J [ND(4.59) J]
Arsenic		0.38	NA	NA	4.99 B [5.32 B]
Barium		5200	NA	NA	35.3 [35.0]
Beryllium		150	NA	NA	0.465 B [0.271 B]
Cadmium		37	NA	NA	ND(1.14) J [ND(1.15) J]
Calcium		Not Listed	NA	NA	70700 [101000]
Chromium		210	NA	NA	12.1 [9.29]
Cobalt		3300	NA	NA	8.97 [8.69]
Copper		2800	NA	NA	19.2 J [17.7 J]
Cyanide		11	NA	NA	NA
Iron		22000	NA	NA	29200 [24800]
Lead		400	68.3	52.5	27.7 [27.2]
Magnesium		Not Listed	NA	NA	47700 [62100]
Manganese		3100	NA	NA	596 [649]
Mercury		22	NA	NA	0.0444 [0.0471]
Nickel		1500	NA	NA	17.7 [15.0]
Potassium		Not Listed	NA	NA	871 [795]
Selenium		370	NA	NA	ND(2.29) J [ND(2.29) J]
Silver		370	NA	NA	ND(1.14) J [ND(1.15) J]
Sodium		Not Listed	NA	NA	45.4 [47.4]
Sulfide		350	NA	NA	NA
Thallium		6	NA	NA	ND(1.14) [ND(1.15)]
Tin		45000	NA	NA	NA
Vanadium		520	NA	NA	12.0 [10.9]
Zinc		22000	NA	NA	77.0 [78.7]

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9	19-10-11-SB-16-SW	19-10-11-SB-16-SW
		Residential PRGs	1-3 03/15/07	3-5 03/15/07
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	NA	NA
1,1,1-Trichloroethane		680	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA
1,1-Dichloroethane		570	NA	NA
1,1-Dichloroethene		0.052	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA
1,2-Dibromoethane		0.0049	NA	NA
1,2-Dichloroethane		0.34	NA	NA
1,2-Dichloropropane		0.34	NA	NA
1,4-Dioxane		40	NA	NA
2-Butanone		6900	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA
2-Chloroethylvinylether		0.18	NA	NA
2-Hexanone		750	NA	NA
3-Chloropropene		2700	NA	NA
4-Methyl-2-pentanone		750	NA	NA
Acetone		1400	NA	NA
Acetonitrile		200	NA	NA
Acrolein		0.1	NA	NA
Acrylonitrile		0.19	NA	NA
Benzene		0.62	NA	NA
Bromodichloromethane		0.98	NA	NA
Bromoform		56	NA	NA
Bromomethane		3.8	NA	NA
Carbon Disulfide		350	NA	NA
Carbon Tetrachloride		0.23	NA	NA
Chlorobenzene		54	NA	NA
Chloroethane		1600	NA	NA
Chloroform		0.24	NA	NA
Chloromethane		1.2	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA
Dibromochloromethane		5.3	NA	NA
Dibromomethane		550	NA	NA
Dichlorodifluoromethane		94	NA	NA
Ethyl Methacrylate		140	NA	NA
Ethylbenzene		230	NA	NA
Iodomethane		1.2	NA	NA
Isobutanol		10000	NA	NA
Methacrylonitrile		1.8	NA	NA
Methyl Methacrylate		2200	NA	NA
Methylene Chloride		8.5	NA	NA
Propionitrile		200	NA	NA
Styrene		1700	NA	NA
Tetrachloroethene		4.7	NA	NA
Toluene		520	NA	NA
trans-1,2-Dichloroethene		62	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA
Trichloroethene		2.7	NA	NA
Trichlorofluoromethane		380	NA	NA
Vinyl Acetate		420	NA	NA
Vinyl Chloride		0.021	NA	NA
Xylenes (total)		210	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-SW 1-3 03/15/07	19-10-11-SB-16-SW 3-5 03/15/07
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	NA	NA
1,2,4-Trichlorobenzene		480	NA	NA
1,2-Dichlorobenzene		370	NA	NA
1,2-Diphenylhydrazine		0.56	NA	NA
1,3,5-Trinitrobenzene		1600	NA	NA
1,3-Dichlorobenzene		41	NA	NA
1,3-Dinitrobenzene		5.5	NA	NA
1,4-Dichlorobenzene		3	NA	NA
1,4-Naphthoquinone		55	NA	NA
1-Naphthylamine		Not Listed	NA	NA
2,3,4,6-Tetrachlorophenol		1600	NA	NA
2,4,5-Trichlorophenol		5500	NA	NA
2,4,6-Trichlorophenol		40	NA	NA
2,4-Dichlorophenol		160	NA	NA
2,4-Dimethylphenol		1100	NA	NA
2,4-Dinitrophenol		110	NA	NA
2,4-Dinitrotoluene		110	NA	NA
2,6-Dichlorophenol		160	NA	NA
2,6-Dinitrotoluene		55	NA	NA
2-Acetylaminofluorene		0.56	NA	NA
2-Chloronaphthalene		3700	NA	NA
2-Chlorophenol		59	NA	NA
2-Methylnaphthalene		55	NA	NA
2-Methylphenol		2700	NA	NA
2-Naphthylamine		Not Listed	NA	NA
2-Nitroaniline		3.3	NA	NA
2-Nitrophenol		Not Listed	NA	NA
2-Picoline		55	NA	NA
3&4-Methylphenol		270	NA	NA
3,3-Dichlorobenzidine		0.99	NA	NA
3,3-Dimethylbenzidine		0.048	NA	NA
3-Methylcholanthrene		0.056	NA	NA
3-Nitroaniline		5.5	NA	NA
4,6-Dinitro-2-methylphenol		55	NA	NA
4-Aminobiphenyl		1400	NA	NA
4-Bromophenyl-phenylether		160	NA	NA
4-Chloro-3-Methylphenol		2700	NA	NA
4-Chloroaniline		220	NA	NA
4-Chlorobenzilate		1.6	NA	NA
4-Chlorophenyl-phenylether		Not Listed	NA	NA
4-Nitroaniline		5.5	NA	NA
4-Nitrophenol		3400	NA	NA
4-Nitroquinoline-1-oxide		110	NA	NA
4-Phenylenediamine		10000	NA	NA
5-Nitro-0-toluidine		13	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	NA	NA
a,a'-Dimethylphenethylamine		55	NA	NA
Acenaphthene		2600	NA	NA
Acenaphthylene		55	NA	NA
Acetophenone		0.49	NA	NA
Aniline		78	NA	NA
Anthracene		14000	NA	NA
Aramite		18	NA	NA
Benzdine		0.0019	NA	NA
Benzo(a)anthracene		0.56	NA	NA
Benzo(a)pyrene		0.056	NA	NA
Benzo(b)fluoranthene		0.56	NA	NA
Benzo(g,h,i)perylene		55	NA	NA
Benzo(k)fluoranthene		5.6	NA	NA
Benzyl Alcohol		16000	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-SW	19-10-11-SB-16-SW
			1-3 03/15/07	3-5 03/15/07
Semi-volatile Organics (Continued)				
bis(2-Chloroethyl)methane		Not Listed	NA	NA
bis(2-Chloroethyl)ether		0.18	NA	NA
bis(2-Chloroisopropyl)ether		2.5	NA	NA
bis(2-Ethylhexyl)phthalate		32	NA	NA
Butylbenzylphthalate		930	NA	NA
Chrysene		56	NA	NA
Diallate		7.3	NA	NA
Dibenzo(a,h)anthracene		0.056	NA	NA
Dibenzofuran		210	NA	NA
Diethylphthalate		44000	NA	NA
Dimethylphthalate		100000	NA	NA
Di-n-Butylphthalate		5500	NA	NA
Di-n-Octylphthalate		1100	NA	NA
Diphenylamine		1400	NA	NA
Ethyl Methanesulfonate		Not Listed	NA	NA
Fluoranthene		2000	NA	NA
Fluorene		1800	NA	NA
Hexachlorobenzene		0.28	NA	NA
Hexachlorobutadiene		5.7	NA	NA
Hexachlorocyclopentadiene		380	NA	NA
Hexachloroethane		32	NA	NA
Hexachlorophene		16	NA	NA
Hexachloropropene		Not Listed	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	NA	NA
Isodrin		Not Listed	NA	NA
Isophorone		470	NA	NA
Isosafrole		Not Listed	NA	NA
Methacrylene		55	NA	NA
Methyl Methanesulfonate		Not Listed	NA	NA
Naphthalene		55	NA	NA
Nitrobenzene		16	NA	NA
N-Nitrosodietylamine		0.003	NA	NA
N-Nitrosodimethylamine		0.0087	NA	NA
N-Nitroso-di-n-butylamine		0.022	NA	NA
N-Nitroso-di-n-propylamine		0.063	NA	NA
N-Nitrosodiphenylamine		91	NA	NA
N-Nitrosomethylamine		0.02	NA	NA
N-Nitrosomorpholine		0.21	NA	NA
N-Nitrosopiperidine		0.21	NA	NA
N-Nitrosopyrrolidine		0.21	NA	NA
O,O,O-Triethylphosphorothioate		11	NA	NA
O-Tolidine		1.9	NA	NA
P-Dimethylaminoazobenzene		0.99	NA	NA
Pentachlorobenzene		44	NA	NA
Pentachloroethane		2.8	NA	NA
Pentachloronitrobenzene		1.7	NA	NA
Pentachlorophenol		2.5	NA	NA
Phenacetin		640	NA	NA
Phenanthrene		55	NA	NA
Phenol		33000	NA	NA
Pronamide		4100	NA	NA
Pyrene		1500	NA	NA
Pyridine		55	NA	NA
Safrole		Not Listed	NA	NA
Thionazin		330	NA	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-11-SB-16-SW 1-3 03/15/07	19-10-11-SB-16-SW 3-5 03/15/07
Furans				
2,3,7,8-TCDF		Not Applicable	NA	NA
TCDFs (total)		Not Applicable	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA
PeCDFs (total)		Not Applicable	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA
HxCDFs (total)		Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA
HpCDFs (total)		Not Applicable	NA	NA
OCDF		Not Applicable	NA	NA
Dioxins				
2,3,7,8-TCDD		Not Applicable	NA	NA
TCDDs (total)		Not Applicable	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA
PeCDDs (total)		Not Applicable	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA
HxCDDs (total)		Not Applicable	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA
HpCDDs (total)		Not Applicable	NA	NA
OCDD		Not Applicable	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA
Inorganics				
Aluminum		75000	14600	NA
Antimony		30	ND(4.58) J	NA
Arsenic		0.38	17.5	NA
Barium		5200	134	NA
Beryllium		150	0.911 B	NA
Cadmium		37	ND(1.15) J	NA
Calcium		Not Listed	11700	NA
Chromium		210	18.0	NA
Cobalt		3300	12.3	NA
Copper		2800	96.2 J	NA
Cyanide		11	NA	NA
Iron		22000	31700	NA
Lead		400	309	549
Magnesium		Not Listed	9550	NA
Manganese		3100	796	NA
Mercury		22	0.175	NA
Nickel		1500	21.9	NA
Potassium		Not Listed	541	NA
Selenium		370	ND(2.29) J	NA
Silver		370	ND(1.15) J	NA
Sodium		Not Listed	74.3	NA
Sulfide		350	NA	NA
Thallium		6	ND(1.15)	NA
Tin		45000	NA	NA
Vanadium		520	18.7	NA
Zinc		22000	267	NA

TABLE E-117
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.
7. Shaded data indicates results from a sample collected at a depth below the depth proposed for use in the evaluations of this area based on the review of the PCB data (designated as the "X" depth). The data for this sample were considered in the screening table (Table E-118), but are not included in the subsequent evaluation tables (Tables E-120 and E-122). This was a conservative approach because the constituent concentrations in the sample collected from below the "X" depth are lower than the applicable comparison criteria specified in the evaluation tables.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-118
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-10-11 (NON-BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatile Organics			
Acetone	0.19	1,400	No
Carbon Disulfide	0.0091	350	No
Isobutanol	0.14	10,000	No
Semivolatile Organics			
3&4-Methylphenol	0.26	270	No
Acenaphthene	0.10	2,600	No
Acenaphthylene	0.14	55*	No
Anthracene	0.17	14,000	No
Benzol(a)anthracene	0.32	0.56	No
Benzol(a)pyrene	0.40	0.056	Yes
Benzol(b)fluoranthene	0.32	0.56	No
Benzol(g,h,i)perylene	0.22	55*	No
Benzol(k)fluoranthene	0.41	5.6	No
Chrysene	0.45	56	No
Fluoranthene	0.63	2,000	No
Fluorene	0.26	1,800	No
Indeno(1,2,3-cd)pyrene	0.22	0.56	No
Naphthalene	0.26	55	No
Phenanthrene	0.49	55*	No
Pyrene	0.85	1,500	No
Inorganics			
Antimony	13.3	30	No
Arsenic	27.6	0.38	Yes
Barium	1,400	5,200	No
Beryllium	2.57	150	No
Cadmium	4.80	37	No
Chromium	62.9	210	No
Cobalt	46.2	3,300	No
Copper	265	2,800	No
Cyanide	0.680	11*	No
Lead	2,270	400	Yes
Mercury	0.580	22	No
Nickel	48.5	1,500	No
Selenium	3.00	370	No
Silver	1.12	370	No
Sulfide	400	350*	Yes
Thallium	1.40	6	No
Tin	36.0	45,000	No
Vanadium	28.6	620	No
Zinc	1,410	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzol(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG. Maximum detected concentrations are derived from all data collected from this area, including results from samples collected below the "x" depth proposed for use in the evaluations (see note 7 in preceding Table E-117).

TABLE E-119
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-16 0-1 03/09/05	19-10-8-SB-16-N 0-1 10/24/05	19-10-8-SB-16-S 0-1 10/24/05	19-10-8-SB-16-SS 0-1 06/01/06	19-10-11-SB-16-NW 0-1 03/15/07	19-10-11-SB-16-SW 0-1 03/15/07
Semivolatile Organics						
Benzol(a)pyrene	0.090	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	8.70E-05	--	--	--	--	--
Inorganics						
Arsenic	7.60	--	--	225	7.26	5.16
Lead	1,700	240	1,300	--	108	27
Sulfide	51.0	--	--	--	--	--
Semivolatile Organics						
Benzol(a)pyrene	--	--	N/A (See Note 7)	0.09	2	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	8.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 7)	6.67	20	No
Lead	676	611	N/A (See Note 7)	611	300	Yes
Sulfide	--	--	N/A (See Note 7)	51.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-10-8-SB-16-E (0-1'; 5/1/07), 19-10-8-SB-16-N (0-1'; 10/24/05), 19-10-8-SB-16-S (0-1'; 10/24/05), 19-10-8-SB-16-SS (0-1'; 6/1/06), 19-10-11-SB-NW (0-1'; 3/15/07), 19-10-11-SB-SW (0-1'; 3/15/07), and 19-10-8-SB-16 (0-1'; 3/15/07).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included are those associated with the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-120
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: 1-3 Date Collected: 03/09/05	19-10-8-SB-16-N 1-3 10/24/05	19-10-8-SB-16-S 1-3 10/24/05	19-10-11-SB-16-NW 1-3 03/15/07	19-10-11-SB-16-SW 1-3 03/15/07	19-10-11-SB-16-E 1-3 05/01/07	COMP-19-10-8-SB-16 1-3 (See Note 1)
Semivolatile Organics						
Benzol(a)pyrene	0.18	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	1.00E-04	--	--	--	--	--
Inorganics						
Arsenic	9.20	--	--	26.4	17.5	--
Lead	710	80.0	1,300	330	309	762
Sulfide	25.0	--	--	--	--	--
Sample ID: 19-10-8-SB-16 Sample Depth(Feet): 3-5 Date Collected: 03/14/07						
Semivolatile Organics						
Benzol(a)pyrene	--	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	--	--	--	--	--
Inorganics						
Arsenic	19.8	--	27.6	--	--	--
Lead	337	337	2,270	240	549	219
Sulfide	--	--	--	--	--	723
Sample ID: 19-10-11-SB-16-NW Sample Depth(Feet): 3-5 Date Collected: 03/15/07						
Semivolatile Organics						
Benzol(a)pyrene	--	1.00E-04	--	0.18	--	No
Dioxins/Furans						
Total TEQs (WHO TEQs)	--	1.00E-04	--	N/A (See Note 7)	N/A (See Note 7)	No
Inorganics						
Arsenic	--	--	N/A (See Note 7)	20	20	No
Lead	63.3	100	52.5	310	300	Yes
Sulfide	--	--	--	25.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth, date collected): 19-10-8-SB-16-N (1-3; 10/24/05), 19-10-8-SB-16-S (1-3; 10/24/05), 19-10-11-SB-NW (1-3; 3/15/07), 19-10-11-SB-SW (1-3; 3/15/07), and 19-10-8-SB-16 (1-3; 3/09/05).
- The lead results presented for this sample location represents the average result from the following samples (depth, date collected): 19-10-8-SB-16-S (3-5; 3/14/07), 19-10-8-SB-16 (3-5; 3/14/07), 19-10-8-SB-16-SS (3-5; 3/14/07), 19-10-8-SB-16-E (3-5; 5/1/07), and 19-10-11-SB-SW (3-5; 3/15/07).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-121
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-11: 0- TO 1-FOOT DEPTH INCREMENT (NON-BANK)
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	19-10-8-SB-16 0-1 03/09/05	19-10-8-SB-16-N 0-1 10/24/05	19-10-8-SB-16-S 0-1 10/24/05	19-10-8-SB-16-SS 0-1 06/07/06	19-10-11-SB-16-NW 0-1 03/15/07	19-10-11-SB-16-SW 0-1 03/15/07
Semi-volatile Organics						
Benzol(a)pyrene	0.090	--	--	--	--	--
Dioxin/Furans						
Total TEQs (WHO TEFs)	8.70E-05	--	--	--	--	--
Inorganics						
Arsenic	7.60	--	--	--	7.26	5.16
Lead	6.24	240	6.24	225	108	27
Sulfide	51.0	--	--	--	--	--
Semivolatile Organics						
Benzol(a)pyrene	--	--	N/A (See Note 7)	0.09	2	No
Dioxin/Furans						
Total TEQs (WHO TEFs)	--	--	8.70E-05	N/A (See Note 6)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 7)	6.67	20	No
Lead	676	184	N/A (See Note 7)	184	300	No
Sulfide	--	--	N/A (See Note 7)	51.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-10-8-SB-16-E (0-1', 5/1/07), 19-10-8-SB-16-N (0-1', 10/24/05), 19-10-8-SB-16-S (0-1', 6/1/06), 19-10-11-SB-NW (0-1', 3/15/07), 19-10-11-SB-SW (0-1', 3/15/07), and 19-10-8-SB-16 (19-10-8-SB-16-E (0-1', 5/1/07), 19-10-8-SB-16-N (0-1', 10/24/05), 19-10-8-SB-16-S (0-1', 6/1/06), 19-10-11-SB-NW (0-1', 3/15/07), 19-10-11-SB-SW (0-1', 3/15/07), and 19-10-8-SB-16 (0-1', 10/24/05)).
 - Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - = Constituent not subject to analysis.
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-122
 POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-11: 1- TO X-FOOT [X=9] DEPTH INCREMENT (NON-BANK)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(ft): Date Collected:	19-10-8-SB-16 1-3 03/09/05	19-10-8-SB-16-N 1-3 10/24/05	19-10-8-SB-16-S 1-3 10/24/05	19-10-11-SB-16-NW 1-3 03/15/07	19-10-11-SB-16-SW 1-3 03/15/07	19-10-8-SB-16-E 1-3 05/01/07	COMP-19-10-8-SB-16 1-3 (See Note 1)
Semivolatile Organics							
Benzo(a)pyrene	0.18	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEQs)	1.00E-04	--	--	--	--	--	--
Inorganics							
Arsenic	9.20	--	--	26.4	17.5	--	--
Lead	6.24	80.0	6.24	330	309	762	249
Sulfide	25.0	--	--	--	--	--	--
Semivolatile Organics							
Sample ID: Sample Depth(ft): Date Collected:	19-10-8-SB-16 3-5 03/14/07	19-10-8-SB-16 3-5 03/14/07	19-10-8-SB-16-S 3-5 03/14/07	19-10-8-SB-16-SS 3-5 03/14/07	19-10-11-SB-16-SW 3-5 03/15/07	19-10-8-SB-16-E 3-5 05/01/07	COMP-19-10-8-SB-16 3-5 (See Note 2)
Semivolatile Organics							
Benzo(a)pyrene	--	--	--	--	--	--	--
Dioxins/Furans							
Total TEQs (WHO TEQs)	--	--	--	--	--	--	--
Inorganics							
Arsenic	19.8	--	27.6	--	--	--	--
Lead	337	337	6.24	240	549	219	270
Sulfide	--	--	--	--	--	--	--
Semivolatile Organics							
Sample ID: Sample Depth(ft): Date Collected:	19-10-11-SB-16-NW 3-5 03/15/07	19-10-8-SB-16-S 5-7 03/14/07	19-10-8-SB-16-NW 5-7 03/15/07	Maximum Sample Result	Arithmetic Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics							
Benzo(a)pyrene	--	--	--	N/A (See Note 7)	0.18	2	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	--	--	--	1.00E-04	N/A (See Note 7)	1.00E-03	No
Inorganics							
Arsenic	--	--	--	N/A (See Note 7)	20	20	No
Lead	68.3	100	62.5	N/A (See Note 7)	179	300	No
Sulfide	--	--	--	N/A (See Note 7)	25.0	633*	No

Notes:

- The lead results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-10-8-SB-16-N (1-3; 10/24/05), 19-10-8-SB-16-S (1-3; 10/24/05), 19-10-11-SB-NW (1-3; 3/15/07), 19-10-11-SB-SW (1-3; 3/15/07), and 19-10-8-SB-16 (1-3; 3/09/05).
- The lead results presented for this sample location represents the average result from the following samples (depth, date collected):
 19-10-8-SB-16-S (3-5; 3/14/07), 19-10-8-SB-16 (3-5; 3/14/07), 19-10-8-SB-16-SS (3-5; 3/14/07), 19-10-8-SB-16-E (3-5; 5/1/07), and 19-10-11-SB-SW (3-5; 3/15/07).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the Statement of Work for Removal Actions Outside the River (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.
- * Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

Combined Parcel 19-10-9 and
Recreational Area 1 (RA-1)

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-9-SB-2	19-10-9-SB-2	RA-1-SB-3
			0-1 06/09/03	1-3 06/09/03	0-1 06/09/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,1,1-Trichloroethane		680	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,1,2-Trichloroethane		0.82	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,1-Dichloroethane		570	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,1-Dichloroethane		0.052	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,2,3-Trichloropropane		0.0014	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,2-Dibromoethane		0.0049	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,2-Dichloroethane		0.34	ND(0.0061)	ND(0.0063)	ND(0.0058)
1,4-Dioxane		0.34	ND(0.0061)	ND(0.0063)	ND(0.0058)
2-Butanone		40	ND(0.12) J	ND(0.12) J	ND(0.12) J
2-Chloro-1,3-butadiene		6900	ND(0.012)	ND(0.012)	ND(0.012)
2-Chloroethyvinyl ether		3.6	ND(0.0061)	ND(0.0063)	ND(0.0058)
2-Hexanone		0.18	ND(0.0061)	ND(0.0063)	ND(0.0058)
3-Chloropropene		750	ND(0.012)	ND(0.012)	ND(0.012)
4-Methyl-2-pentanone		2700	ND(0.0061)	ND(0.0063)	ND(0.0058)
Acetone		750	ND(0.012)	ND(0.012)	ND(0.012)
Acetonitrile		1400	ND(0.024)	ND(0.025)	ND(0.023)
Acrolein		200	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0061)	ND(0.0063)	ND(0.0058)
Benzene		0.62	ND(0.0061)	ND(0.0063)	ND(0.0058)
Bromodichloromethane		0.98	ND(0.0061)	ND(0.0063)	ND(0.0058)
Bromoform		56	ND(0.0061)	ND(0.0063)	ND(0.0058)
Bromomethane		3.8	ND(0.0061)	ND(0.0063)	ND(0.0058)
Carbon Disulfide		350	ND(0.0061) J	ND(0.0063) J	ND(0.0058) J
Carbon Tetrachloride		0.23	ND(0.0061)	ND(0.0063)	ND(0.0058)
Chlorobenzene		54	ND(0.0061)	ND(0.0063)	ND(0.0058)
Chloroethane		1600	ND(0.0061)	ND(0.0063)	ND(0.0058)
Chloroform		0.24	ND(0.0061)	ND(0.0063)	ND(0.0058)
Chloromethane		1.2	ND(0.0061)	ND(0.0063)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	ND(0.0061)	ND(0.0063)	ND(0.0058)
Dibromochloromethane		5.3	ND(0.0061)	ND(0.0063)	ND(0.0058)
Dibromomethane		550	ND(0.0061)	ND(0.0063)	ND(0.0058)
Dichlorodifluoromethane		94	ND(0.0061)	ND(0.0063)	ND(0.0058)
Ethyl Methacrylate		140	ND(0.0061)	ND(0.0063)	ND(0.0058)
Ethylbenzene		230	ND(0.0061)	ND(0.0063)	ND(0.0058)
Iodomethane		1.2	ND(0.0061)	ND(0.0063)	ND(0.0058)
Isobutanol		10000	ND(0.12) J	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0061)	ND(0.0063)	ND(0.0058)
Methyl Methacrylate		2200	ND(0.0061)	ND(0.0063)	ND(0.0058)
Methylene Chloride		8.5	ND(0.0061)	ND(0.0063)	ND(0.0058)
Propionitrile		200	ND(0.012)	ND(0.012)	ND(0.0058)
Styrene		1700	ND(0.0061)	ND(0.0063)	ND(0.0058)
Tetrachloroethene		4.7	ND(0.0061)	ND(0.0063)	ND(0.0058)
Toluene		520	ND(0.0061)	ND(0.0063)	ND(0.0058)
trans-1,2-Dichloroethane		62	ND(0.0061)	ND(0.0063)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	ND(0.0061)	ND(0.0063)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0061)	ND(0.0063)	ND(0.0058)
Trichloroethene		2.7	ND(0.0061)	ND(0.0063)	ND(0.0058)
Trichlorofluoromethane		380	ND(0.0061)	ND(0.0063)	ND(0.0058)
Vinyl Acetate		420	ND(0.0061)	ND(0.0063)	ND(0.0058)
Vinyl Chloride		0.021	ND(0.0061)	ND(0.0063)	ND(0.0058)
Xylenes (Total)		210	ND(0.0061)	ND(0.0063)	ND(0.0058)

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	19-10-9-SB-2	19-10-9-SB-2	RA-1-SB-3
			0-1 06/09/03	1-3 06/09/03	0-1 06/09/03
Semi-volatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.41) J	ND(0.42) J	ND(0.38) J
1,2,4-Trichlorobenzene		480	ND(0.41)	ND(0.42)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.41)	ND(0.42)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.41)	ND(0.42)	ND(0.38)
1,3,5-Trinitrobenzene		1600	ND(0.41)	ND(0.42)	ND(0.38)
1,3-Dichlorobenzene		41	ND(0.41)	ND(0.42)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.82)	ND(0.84)	ND(0.77)
1,4-Dichlorobenzene		3	ND(0.41)	ND(0.42)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.82)	ND(0.84)	ND(0.77)
1-Naphthylamine		Not Listed	ND(0.82)	ND(0.84)	ND(0.77)
2,3,4,6-Tetrachlorophenol		1600	ND(0.41)	ND(0.42)	ND(0.38)
2,4,5-Trichlorophenol		5500	ND(0.41)	ND(0.42)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.41)	ND(0.42)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.41)	ND(0.42)	ND(0.38)
2,4-Dimethylphenol		1100	ND(0.41)	ND(0.42)	ND(0.38)
2,4-Dinitrophenol		110	ND(2.1) J	ND(2.1) J	ND(2.0) J
2,4-Dinitrotoluene		110	ND(0.41)	ND(0.42)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.41)	ND(0.42)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.41)	ND(0.42)	ND(0.38)
2-Acetylaminofluorene		0.56	ND(0.82)	ND(0.84)	ND(0.77)
2-Chloronaphthalene		3700	ND(0.41)	ND(0.42)	ND(0.38)
2-Chlorophenol		59	ND(0.41)	ND(0.42)	ND(0.38)
2-Methylnaphthalene		55	ND(0.41)	ND(0.42)	ND(0.38)
2-Methylphenol		2700	ND(0.41)	ND(0.42)	ND(0.38)
2-Naphthylamine		Not Listed	ND(0.82)	ND(0.84)	ND(0.77)
2-Nitroaniline		3.3	ND(2.1)	ND(2.1)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.82)	ND(0.84)	ND(0.77)
2-Picoline		55	ND(0.41)	ND(0.42)	ND(0.38)
3&4-Methylphenol		270	ND(0.82)	ND(0.84)	ND(0.77)
3,3'-Dichlorobenzidine		0.99	ND(0.82)	ND(0.84)	ND(0.77)
3,3'-Dimethylbenzidine		0.048	ND(0.41)	ND(0.42)	ND(0.38)
3-Methylcholanthrene		0.056	ND(0.82)	ND(0.84)	ND(0.77)
3-Nitroaniline		5.5	ND(2.1)	ND(2.1)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.41)	ND(0.42)	ND(0.38)
4-Aminobiphenyl		1400	ND(0.82)	ND(0.84)	ND(0.77)
4-Bromophenylphenylether		160	ND(0.41)	ND(0.42)	ND(0.38)
4-Chloro-3-Methylphenol		2700	ND(0.41)	ND(0.42)	ND(0.38)
4-Chloroaniline		220	ND(0.41)	ND(0.42)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.82)	ND(0.84)	ND(0.77)
4-Chlorophenyl-phenylether		Not Listed	ND(0.41)	ND(0.42)	ND(0.38)
4-Nitroaniline		5.5	ND(2.1)	ND(2.1)	ND(2.0)
4-Nitrophenol		3400	ND(2.1) J	ND(2.1) J	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(0.82)	ND(0.84)	ND(0.77)
4-Phenylenediamine		10000	ND(0.82)	ND(0.84)	ND(0.77)
5-Nitro-o-toluidine		13	ND(0.82)	ND(0.84)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.82)	ND(0.84)	ND(0.77)
a,a'-Dimethylphenethylaniline		55	ND(0.82)	ND(0.84)	ND(0.77)
Acenaphthene		2600	ND(0.41)	0.29 J	ND(0.38)
Acenaphthylene		55	ND(0.41)	0.16 J	0.079 J
Acetophenone		0.49	ND(0.41)	ND(0.42)	ND(0.38)
Aniline		78	ND(0.41)	ND(0.42)	ND(0.38)
Anthracene		14000	0.17 J	0.67	0.13 J
Aramite		18	ND(0.82)	ND(0.84)	ND(0.77)
Benzidine		0.0019	ND(0.82)	ND(0.84)	ND(0.77)
Benzol(a)anthracene		0.56	0.82	1.3	0.44
Benzol(a)pyrene		0.056	0.68	1.0	0.36 J
Benzol(b)fluoranthene		0.56	1.0	1.4	0.40
Benzol(g,h,i)perylene		55	ND(0.41)	0.74	0.32 J
Benzol(k)fluoranthene		5.6	0.38 J	0.51	0.19 J
Benzyl Alcohol		16000	ND(0.82) J	ND(0.84) J	ND(0.77) J

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-9-SB-2	19-10-9-SB-2	RA-1-SB-3
			0-1 06/09/03	1-3 06/09/03	0-1 06/09/03
Semi-volatile Organics (continued)					
Bis(2-Chloroethoxy)methane	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Bis(2-Chloroethyl)ether	0.18		ND(0.41)	ND(0.42)	ND(0.38)
Bis(2-Chloroisopropyl)ether	2.5		ND(0.41)	ND(0.42)	ND(0.38)
Bis(2-Ethylhexyl)phthalate	32		0.35 J	0.73	0.18 J
Butylbenzylphthalate	930		1.2	0.75	ND(0.38)
Chrysene	56		0.95	1.4	0.52
Diallate	7.3		ND(0.82)	ND(0.84)	ND(0.77)
Dibenzof(a,h)anthracene	0.056		ND(0.41)	ND(0.42)	ND(0.38)
Dibenzofuran	210		ND(0.41)	0.30 J	ND(0.38)
Diethylphthalate	44000		ND(0.41)	ND(0.42)	ND(0.38)
Dimethylphthalate	100000		ND(0.41)	ND(0.42)	ND(0.38)
Di-n-Butylphthalate	5500		ND(0.41)	ND(0.42)	ND(0.38)
Di-n-Octylphthalate	1100		ND(0.41)	ND(0.42)	ND(0.38)
Diphenylamine	1400		ND(0.41)	ND(0.42)	ND(0.38)
Ethyl Methanesulfonate	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Fluoranthene	2000		1.9	3.4	1.1
Fluorene	1800		ND(0.41)	0.28 J	ND(0.38)
Hexachlorobenzene	0.28		ND(0.41)	ND(0.42)	ND(0.38)
Hexachlorobutadiene	5.7		ND(0.41)	ND(0.42)	ND(0.38)
Hexachlorocyclopentadiene	380		ND(0.41) J	ND(0.42) J	ND(0.38) J
Hexachloroethane	32		ND(0.41)	ND(0.42)	ND(0.38)
Hexachlorophene	16		ND(0.82) J	ND(0.84) J	ND(0.77) J
Hexachloropropene	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.56		0.51	0.63	0.30 J
Isodrin	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Isophorone	470		ND(0.41)	ND(0.42)	ND(0.38)
Isosafrole	Not Listed		ND(0.82)	ND(0.84)	ND(0.77)
Methapyrene	55		ND(0.82)	ND(0.84)	ND(0.77)
Methyl Methanesulfonate	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Naphthalene	55		ND(0.41)	0.30 J	ND(0.38)
Nitrobenzene	16		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosodimethylamine	0.003		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosodimethylamine	0.0087		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitroso-di-n-butylamine	0.022		ND(0.82)	ND(0.84)	ND(0.77)
N-Nitroso-di-n-propylamine	0.063		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosodiphenylamine	91		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosomethylethylamine	0.02		ND(0.82)	ND(0.84)	ND(0.77)
N-Nitrosomorpholine	0.21		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosopiperidine	0.21		ND(0.41)	ND(0.42)	ND(0.38)
N-Nitrosopyrrolidine	0.21		ND(0.82)	ND(0.84)	ND(0.77)
o,o'-Triethylphosphorotriolate	11		ND(0.41) J	ND(0.42) J	ND(0.38) J
o-Toluidine	1.9		ND(0.41)	ND(0.42)	ND(0.38)
p-Dimethylaminoazobenzene	0.99		ND(0.82)	ND(0.84)	ND(0.77)
Pentachlorobenzene	44		ND(0.41) J	ND(0.42) J	ND(0.38) J
Pentachloroethane	2.8		ND(0.41)	ND(0.42)	ND(0.38)
Pentachloronitrobenzene	1.7		ND(0.82)	ND(0.84)	ND(0.77)
Pentachlorophenol	2.5		ND(2.1)	ND(2.1)	ND(2.0)
Phenacetin	640		ND(0.82)	ND(0.84)	ND(0.77)
Phenanthrene	55		0.90	2.9	0.56
Phenol	33000		ND(0.41)	ND(0.42)	ND(0.38)
Pronamide	4100		ND(0.41)	ND(0.42)	ND(0.38)
Pyrene	1500		1.4	2.7	0.92
Pyridine	55		ND(0.41)	ND(0.42)	ND(0.38)
Safrole	Not Listed		ND(0.41)	ND(0.42)	ND(0.38)
Thiomazin	330		ND(0.41)	ND(0.42)	ND(0.38)

**TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-10-9-SB-2	19-10-9-SB-2	RA-1-SB-3
			0-1 06/09/03	1-3 06/09/03	0-1 06/09/03
Furans					
2,3,7,8-TCDF	Not Applicable	Not Applicable	0.0000039 Y	0.0000055 Y	0.0000040 Y
TCDFs (total)	Not Applicable	Not Applicable	0.000075 I	0.000077 I	0.000061 I
1,2,3,7,8-PeCDF	Not Applicable	Not Applicable	0.0000020	0.0000021	0.0000015
2,3,4,7,8-PeCDF	Not Applicable	Not Applicable	0.0000033	0.0000026	0.0000024
PeCDFs (total)	Not Applicable	Not Applicable	0.00012 I	0.000068 I	0.00010 I
1,2,3,4,7,8-HxCDF	Not Applicable	Not Applicable	0.0000050	0.0000034	0.0000032
1,2,3,6,7,8-HxCDF	Not Applicable	Not Applicable	0.0000051	0.0000022	0.0000026
1,2,3,7,8,9-HxCDF	Not Applicable	Not Applicable	ND(0.0000021)	ND(0.0000013)	ND(0.00000040)
2,3,4,6,7,8-HxCDF	Not Applicable	Not Applicable	0.0000039	0.0000016	0.0000023
HxCDFs (total)	Not Applicable	Not Applicable	0.00011 I	0.000043 I	0.000069 I
1,2,3,4,6,7,8-HpCDF	Not Applicable	Not Applicable	0.0000044	0.000014	0.000015
1,2,3,4,7,8,9-HpCDF	Not Applicable	Not Applicable	0.0000031	ND(0.00000069) X	0.0000010
HpCDFs (total)	Not Applicable	Not Applicable	0.00011	0.000033	0.000017
OCDF	Not Applicable	Not Applicable	0.000080 J	0.000025	0.000016
Dioxins					
2,3,7,8-TCDD	Not Applicable	Not Applicable	ND(0.0000013)	ND(0.0000010)	ND(0.00000080)
TCDDs (total)	Not Applicable	Not Applicable	0.0000027	0.0000016	0.0000011
1,2,3,7,8-PeCDD	Not Applicable	Not Applicable	ND(0.000013) X	ND(0.00000050)	ND(0.00000020)
PeCDDs (total)	Not Applicable	Not Applicable	ND(0.000057)	ND(0.0000054)	ND(0.0000031)
1,2,3,4,7,8-HxCDD	Not Applicable	Not Applicable	0.0000045	0.0000020	0.0000020
1,2,3,6,7,8-HxCDD	Not Applicable	Not Applicable	0.0000086	0.0000023	0.0000019
1,2,3,7,8,9-HxCDD	Not Applicable	Not Applicable	0.0000084	0.0000022	0.0000017
HxCDDs (total)	Not Applicable	Not Applicable	0.000053	0.000012	0.000012
1,2,3,4,6,7,8-HpCDD	Not Applicable	Not Applicable	0.00019	0.000052	0.000036
HpCDDs (total)	Not Applicable	Not Applicable	0.00035	0.000099	0.000074
OCDD	Not Applicable	Not Applicable	0.0012 J	0.00034	0.00028
Total TEQs (WHO TEFs)	Not Applicable	Not Applicable	0.0000090	0.0000041	0.0000037
Inorganics					
Antimony	30		1.90 B	1.50 B	1.20 B
Arsenic	0.38		6.10	11.0	3.30
Barium	5200		42.0 J	71.0 J	32.0 J
Beryllium	150		ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	37		2.00	1.30	0.610
Chromium	210		18.0	17.0	13.0
Cobalt	3300		7.20	11.0	6.40
Copper	2800		43.0	45.0	31.0
Cyanide	11		0.240	0.290	0.540
Lead	400		100	130	80.0
Mercury	22		0.160	0.240	0.0490 B
Nickel	1500		16.0	17.0	12.0
Selenium	370		ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	370		ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	350		31.0	23.0	440
Thallium	6		ND(1.20)	ND(1.20)	ND(1.20)
Tin	45000		ND(10.0)	ND(10.0)	ND(13.0)
Vanadium	520		12.0	15.0	10.0
Zinc	22000		230	300	150

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCS	RA-1-SB-3 1-3 06/09/03		RA-1-SB-6 0-1 06/10/03		RA-1-SB-6 1-3 06/10/03	
Volatile Organics								
1,1,1,2-Tetrachloroethane		2.8	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,1,1-Trichloroethane		680	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,1,2-Trichloroethane		0.82	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,1-Dichloroethane		570	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,1-Dichloroethene		0.052	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,2,3-Trichloropropane		0.0014	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,2-Dibromoethane		0.0049	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,2-Dichloroethane		0.34	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,2-Dichloropropane		0.34	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
1,4-Dioxane		40	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.11)
2-Butanone		6900	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
2-Chloroethylvinyl ether		0.18	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
2-Hexanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene		2700	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		1400	ND(0.022)	ND(0.023)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.022)
Acetonitrile		200	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.11)
Acrolein		0.1	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.11)
Acrylonitrile		0.19	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Benzene		0.62	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Bromodichloromethane		0.98	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Bromoform		56	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Bromomethane		3.8	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Carbon Disulfide		350	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Carbon Tetrachloride		0.23	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Chlorobenzene		54	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Chloroethane		1600	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Chloroform		0.24	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Chloromethane		1.2	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
cis-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Dibromochloromethane		5.3	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Dibromomethane		550	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Dichlorodifluoromethane		94	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Ethyl Methacrylate		140	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Ethylbenzene		230	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Iodomethane		1.2	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Isobutanol		10000	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.11)
Methacrylonitrile		1.8	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Methyl Methacrylate		2200	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Methylene Chloride		8.5	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Propionitrile		200	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Styrene		1700	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Tetrachloroethene		4.7	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Toluene		520	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
trans-1,2-Dichloroethene		62	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
trans-1,3-Dichloropropene		Not Listed	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Trichloroethene		2.7	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Trichlorofluoromethane		380	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Vinyl Acetate		420	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Vinyl Chloride		0.021	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)
Xylenes (total)		210	ND(0.0056)	ND(0.0057)	ND(0.0059)	ND(0.0054)	ND(0.0054)	ND(0.0054)

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRCs	RA-1-SB-3 1-3 06/09/03		RA-1-SB-6 0-1 06/10/03		RA-1-SB-6 1-3 06/10/03	
Semi-volatile Organics								
1,2,4,5-Tetrachlorobenzene		18	ND(0.37) J	ND(0.38) J	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1600	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
1-Naphthylamine		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
2,3,4,6-Tetrachlorophenol		1600	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,5-Trichlorophenol		5500	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1100	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.9) J [ND(1.9) J]	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
2-Acetylaminofluorene		0.56	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Chloronaphthalene		3700	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Methylphenol		2700	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
2-Nitroaniline		3.3	ND(1.9) [ND(1.9)]	ND(2.0)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
2-Picoline		55	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
3,3-Dichlorobenzidine		0.99	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
3,3-Dimethylbenzidine		0.048	ND(0.37) [ND(0.38)]	ND(0.39) J	ND(0.39) J	ND(0.36) J	ND(0.36) J	ND(0.36) J
3-Methylcholanthrene		0.056	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
3-Nitroaniline		5.5	ND(1.9) [ND(1.9)]	ND(2.0)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
4-Aminobiphenyl		1400	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2700	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
4-Nitroaniline		5.5	ND(1.9) [ND(1.9)]	ND(2.0)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.8)
4-Nitrophenol		3400	ND(1.9) J [ND(1.9) J]	ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(0.75) [ND(0.76)]	ND(0.78) J	ND(0.78) J	ND(0.73) J	ND(0.73) J	ND(0.73) J
4-Phenylenediamine		10000	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.75) [ND(0.76)]	ND(0.78) J	ND(0.78) J	ND(0.73) J	ND(0.73) J	ND(0.73) J
Acenaphthene		2600	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Acenaphthylene		55	0.40 [0.14 J]	0.15 J	0.15 J	0.70	0.70	0.70
Acetophenone		0.49	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Aniline		78	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.39)	ND(0.36)	ND(0.36)	ND(0.36)
Anthracene		14000	0.48 [0.16 J]	0.25 J	0.25 J	1.1	1.1	1.1
Aramite		18	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
Benzidine		0.0019	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.78)	ND(0.73)	ND(0.73)	ND(0.73)
Benz(a)anthracene		0.56	1.3 J [0.45 J]	0.93	0.93	4.6	4.6	4.6
Benz(a)pyrene		0.056	0.40 J [0.40 J]	0.77	0.77	4.4	4.4	4.4
Benzol(b)fluoranthene		0.56	1.5 J [0.58 J]	1.1	1.1	5.2	5.2	5.2
Benzol(g,h)perylene		55	1.2 J [0.36 J]	0.54	0.54	3.2	3.2	3.2
Benzyl Alcohol		5.6	0.52 J [0.19 J]	0.39 J	0.39 J	1.9	1.9	1.9
		16000	ND(0.75) J [ND(0.76) J]	ND(0.78) J	ND(0.78) J	ND(0.73) J	ND(0.73) J	ND(0.73) J

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 0-1 06/10/03	RA-1-SB-5 1-3 06/10/03
Semi-volatile Organics (continued)					
bis(2-Chloroethoxy)methane		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Butylbenzylphthalate		930	ND(0.37) [ND(0.38)]	0.29 J	ND(0.36)
Chrysene		56	1.3 J [0.45 J]	1.0	4.1
Diallate		7.3	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	0.30 J [ND(0.38)]	ND(0.39)	0.75
Dibenzofuran		210	ND(0.37) [ND(0.38)]	ND(0.39)	0.26 J
Diethylphthalate		44000	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Dimethylphthalate		100000	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Di-n-Butylphthalate		5500	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Di-n-Octylphthalate		1100	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Diphenylamine		1400	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Ethyl Methanesulfonate		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Fluoranthene		2000	2.4 J [0.90 J]	2.5	11
Fluorene		1800	0.094 J [ND(0.38)]	ND(0.39)	0.13 J
Hexachlorobenzene		0.28	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.37) J [ND(0.38) J]	ND(0.39) J	ND(0.36) J
Hexachloroethane		32	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Hexachloropropene		16	ND(0.75) J [ND(0.76) J]	ND(0.78) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	0.89 [0.31 J]	0.48	2.8
Isodrin		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Isophorone		470	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Isosafrole		Not Listed	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
Methapyrene		55	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Naphthalene		55	ND(0.37) [ND(0.38)]	0.098 J	0.23 J
Nitrobenzene		16	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosodimethylamine		0.003	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
N-Nitroso-di-n-propylamine		0.063	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosomethylamine		0.02	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
o,o'-Triethylphosphorothioate		11	ND(0.37) J [ND(0.38) J]	ND(0.39) J	ND(0.36) J
o-Tolidine		1.9	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
Pentachlorobenzene		44	ND(0.37) J [ND(0.38) J]	ND(0.39) J	ND(0.36) J
Pentachlorotoluene		2.8	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.75) [ND(0.76)]	ND(0.78) J	ND(0.73) J
Pentachlorophenol		2.5	ND(1.9) [ND(1.9)]	ND(2.0)	ND(1.8)
Phenacetin		640	ND(0.75) [ND(0.76)]	ND(0.78)	ND(0.73)
Phenanthrene		55	1.5 J [0.51 J]	1.1	3.9
Phenol		33000	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Promantide		4100	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Pyrene		1500	2.1 J [0.75 J]	2.0	11
Safrole		55	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Safrole		Not Listed	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)
Thionazin		330	ND(0.37) [ND(0.38)]	ND(0.39)	ND(0.36)

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Fee): Date Collected:	EPA Region 9 Residential PRGs	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 0-1 06/10/03	RA-1-SB-6 1-3 06/10/03
Furans					
2,3,7,8-TCDF		Not Applicable	0.000010 Y [0.000014 Y]	0.000019 Y	0.000022 Y
TCDFs (total)		Not Applicable	0.000121 [0.00019 J]	0.000271	0.000261
1,2,3,7,8-PeCDF		Not Applicable	0.0000036 [0.0000048]	0.0000047	0.000017
2,3,4,7,8-PeCDF		Not Applicable	0.0000040 [0.0000056]	0.0000062	0.000012
PeCDFs (total)		Not Applicable	0.000151 [0.00021 J]	0.000221	0.00015
1,2,3,4,7,8-HxCDF		Not Applicable	0.0000053 [0.0000072]	0.0000090	0.000011
1,2,3,6,7,8-HxCDF		Not Applicable	0.0000036 [0.0000044]	0.0000050	0.0000088
1,2,3,7,8,9-HxCDF		Not Applicable	ND[0.000000060] [ND[0.000000080]]	0.00000070 J	ND[0.00000026]
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000024 [0.0000037]	0.0000041	0.0000049
HxCDFs (total)		Not Applicable	0.0000801 [0.000098 J]	0.000101	0.00010
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000011 [0.000018]	ND[0.000017] X	0.000028 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00000095 [0.0000014]	ND[0.0000099] X	0.0000026
HpCDFs (total)		Not Applicable	0.000023 [0.000036]	0.000023	0.000063
OCDF		Not Applicable	0.0000082 [0.000012]	0.000025	0.000025
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND[0.00000010] [ND[0.00000012]]	ND[0.00000059]	ND[0.00000033]
TCDDs (total)		Not Applicable	0.0000020 J [0.0000036 J]	0.0000026	0.0000026
1,2,3,7,8-PeCDD		Not Applicable	ND[0.00000050] [ND[0.00000070]]	ND[0.00000030]	ND[0.00000019]
PeCDDs (total)		Not Applicable	ND[0.00000038] [ND[0.00000059]]	ND[0.00000081]	ND[0.00000032]
1,2,3,4,7,8-HxCDD		Not Applicable	ND[0.0000014] X [ND[0.0000014] X]	ND[0.00000039]	ND[0.00000031]
1,2,3,6,7,8-HxCDD		Not Applicable	0.00000070 [0.00000072]	ND[0.00000039]	0.0000021
1,2,3,7,8,9-HxCDD		Not Applicable	ND[0.00000040] X [ND[0.00000044] X]	ND[0.00000042]	ND[0.0000014] X
HxCDDs (total)		Not Applicable	0.0000026 [0.0000039]	0.0000062	0.000012
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000012 [0.000013]	0.000042	0.000043
HpCDDs (total)		Not Applicable	0.000024 [0.000025]	0.000097	0.000095
OCDD		Not Applicable	0.0000079 [0.000073]	0.000030	0.000032
Total TEQs (WHO TEFs)		Not Applicable	0.0000048 [0.0000066]	0.0000082	0.000013
Inorganics					
Antimony		30	0.820 B [1.20 B]	1.40 B	ND[6.00]
Arsenic		0.38	7.40 [7.30]	10.0	9.00
Barium		5200	34.0 J [74.0 J]	44.0	38.0
Beryllium		150	ND[0.500] [ND[0.500]]	0.240 B	0.240 B
Cadmium		37	0.440 B [0.450 B]	0.480 B	ND[0.500]
Chromium		210	7.80 [7.70]	11.0	8.40
Chromium		3300	7.30 [6.90]	7.50	9.40
Cobalt		3300	32.0 [28.0]	48.0	42.0
Copper		2800	0.180 [0.120]	0.580 J	0.220 J
Cyanide		11			
Lead		400	64.0 [65.0]	210	76.0
Mercury		22	0.100 B [0.0700 B]	0.220	0.0740 B
Nickel		1500	11.0 [11.0]	17.0	16.0
Selenium		370	ND[1.00] J [ND[1.00] J]	1.30 J	0.530 J
Silver		370	ND[1.00] [ND[1.00]]	0.300 B	0.550 B
Sulfide		350	7.10 [7.30]	11.0	ND[5.40]
Thallium		6	ND[2.20] [ND[1.10]]	ND[1.20] J	ND[1.10] J
Tin		45000	ND[10.0] [ND[10.0]]	ND[10.0]	ND[10.0]
Vanadium		520	7.60 [7.50]	14.0	8.90
Zinc		22000	72.0 [71.0]	260	78.0

TABLE E-123
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-124
 COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
 PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1)
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY,PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semi-volatile Organics			
Acenaphthene	0.29	2,600	No
Acenaphthylene	0.7	55*	No
Anthracene	1.1	14,000	No
Benz(a)anthracene	4.6	0.56	Yes
Benz(a)pyrene	4.4	0.056	Yes
Benz(b)fluoranthene	5.2	0.56	Yes
Benz(g,h,i)perylene	3.2	55*	No
Benz(k)fluoranthene	1.9	5.6	No
bis(2-Ethylhexyl)phthalate	0.73	32	No
Butylbenzylphthalate	1.2	930	No
Chrysene	4.1	56	No
Dibenzo(a,h)anthracene	0.75	0.056	Yes
Dibenzofuran	0.30	210	No
Fluoranthene	11	2,000	No
Fluorene	0.28	1,800	No
Indeno(1,2,3-cd)pyrene	2.8	0.56	Yes
Naphthalene	0.30	55	No
Phenanthrene	3.9	55*	No
Pyrene	11	1,500	No
Inorganics			
Antimony	1.40	30	No
Arsenic	11.0	0.38	Yes
Barium	74.0	5,200	No
Beryllium	0.240	150	No
Cadmium	2.00	37	No
Chromium	18.0	210	No
Cobalt	11.0	3,300	No
Copper	48.0	2,800	No
Cyanide	0.580	11*	No
Lead	210	400	No
Mercury	0.240	22	No
Nickel	17.0	1,500	No
Selenium	1.3	370	No
Silver	0.35	370	No
Sulfide	440	350*	Yes
Vanadium	15.0	520	No
Zinc	300	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-125
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 1-FOOT DEPTH INCREMENT
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	19-10-9-SB-2 0-1 06/09/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	0.44	0.93	0.82	N/A (See Note 5)	0.73	7	No
Benzo(a)pyrene	0.36	0.77	0.68	N/A (See Note 5)	0.60	2	No
Benzo(b)fluoranthene	0.40	1.1	1.0	N/A (See Note 5)	0.83	7	No
Dibenzo(a,h)anthracene	0.19	0.20	0.21	N/A (See Note 5)	0.20	0.7	No
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	N/A (See Note 5)	0.43	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.70E-06	8.20E-06	9.00E-06	9.00E-06	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	3.30	10.0	6.10	N/A (See Note 5)	6.47	20	No
Sulfide	440	11.0	31.0	N/A (See Note 5)	161	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-125A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1): 0- TO 3-FOOT DEPTH INCREMENT
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 0-1 06/09/03	RA-1-SB-6 0-1 06/10/03	19-10-9-SB-2 0-1 06/09/03	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03	19-10-9-SB-2 1-3 06/09/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics										
Benzol(a)anthracene	0.44	0.93	0.82	0.88	4.6	1.3	N/A (See Note 5)	1.5	7	No
Benzol(a)pyrene	0.36	0.77	0.68	0.40	4.4	1.0	N/A (See Note 5)	1.3	2	No
Benzol(b)fluoranthene	0.40	1.1	1.0	1.0	5.2	1.4	N/A (See Note 5)	1.7	7	No
Benzol(a,h)anthracene	0.19	0.20	0.21	0.25	0.75	0.21	N/A (See Note 5)	0.30	0.7	No
Indeno(1,2,3-cd)pyrene	0.30	0.48	0.51	0.60	2.8	0.63	N/A (See Note 5)	0.89	7	No
Dioxins/Furans										
Total TEQs (WHO TEFS)	3.70E-06	8.20E-06	9.00E-06	6.60E-06	1.30E-05	4.10E-06	1.30E-05	N/A (See Note 5)	1.00E-03	No
Inorganics										
Arsenic	3.30	10.0	6.10	7.35	9.00	11.0	N/A (See Note 5)	7.79	20	No
Sulfide	440	11.0	31.0	7.20	2.70	23.0	N/A (See Note 5)	85.8	633*	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detected sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Total TEQ concentrations in *italics* represent the maximum value for the sample location/depth increment in question.
- * Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-126
 EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 PARCEL 19-10-9 & RECREATIONAL AREA 1 (RA-1): 1- TO 3-FOOT DEPTH INCREMENT
 CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-1-SB-3 1-3 06/09/03	RA-1-SB-6 1-3 06/10/03	19-10-9-SB-2 1-3 06/09/03	Maximum Sample Result	Arithmetic Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzol(a)anthracene	0.88	4.6	1.3	N/A (See Note 5)	2.3	7	No
Benzol(a)pyrene	0.40	4.4	1.0	N/A (See Note 5)	1.9	2	No
Benzol(b)fluoranthene	1.0	5.2	1.4	N/A (See Note 5)	2.5	7	No
Dibenzol(a,h)anthracene	0.25	0.75	0.21	N/A (See Note 5)	0.40	0.7	No
Indeno(1,2,3-cd)pyrene	0.60	2.8	0.63	N/A (See Note 5)	1.3	7	No
Dioxins/Furans							
Total TEQs (WHO TEQs)	6.60E-06	1.30E-05	4.10E-06	1.30E-05	N/A (See Note 5)	1.50E-03	No
Inorganics							
Arsenic	7.35	9.00	11.0	N/A (See Note 5)	9.12	20	No
Sulfide	7.20	2.70	23.0	N/A (See Note 5)	11.0	633*	No

- Notes:
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth/Feet: Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 SLB-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0054)	ND(0.0053)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		570	NA	NA	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane		0.052	NA	NA	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0054)	ND(0.0053)
1,4-Dioxane		40	NA	NA	ND(0.11) J	ND(0.11) J
2-Butanone		6900	NA	NA	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0054)	ND(0.0053)
2-Hexanone		750	NA	NA	ND(0.011)	ND(0.011)
3-Chloropropene		2700	NA	NA	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone		750	NA	NA	ND(0.011)	ND(0.011)
Acetone		1400	NA	NA	ND(0.022)	ND(0.021)
Acetonitrile		200	NA	NA	ND(0.11) J	ND(0.11) J
Acrolein		0.1	NA	NA	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	NA	NA	ND(0.0054)	ND(0.0053)
Benzene		0.62	NA	NA	ND(0.0054)	ND(0.0053)
Bromodichloromethane		0.98	NA	NA	ND(0.0054)	ND(0.0053)
Bromoforn		56	NA	NA	ND(0.0054)	ND(0.0053)
Bromomethane		3.8	NA	NA	ND(0.0054)	ND(0.0053)
Carbon Disulfide		350	NA	NA	ND(0.0054) J	ND(0.0053) J
Carbon Tetrachloride		0.23	NA	NA	ND(0.0054)	ND(0.0053)
Chlorobenzene		54	NA	NA	ND(0.0054)	ND(0.0053)
Chloroethane		1600	NA	NA	ND(0.0054)	ND(0.0053)
Chloroform		0.24	NA	NA	ND(0.0054)	ND(0.0053)
Chloromethane		1.2	NA	NA	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
Dibromochloromethane		5.3	NA	NA	ND(0.0054)	ND(0.0053)
Dibromomethane		550	NA	NA	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane		94	NA	NA	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate		140	NA	NA	ND(0.0054)	ND(0.0053)
Ethylbenzene		230	NA	NA	ND(0.0054)	ND(0.0053)
Iodomethane		1.2	NA	NA	ND(0.0054)	ND(0.11) J
Isobutanol		10000	NA	NA	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	NA	NA	ND(0.0054)	ND(0.0053)
Methyl Methacrylate		2200	NA	NA	ND(0.0054)	ND(0.0053)
Methylene Chloride		8.5	NA	NA	ND(0.0054)	ND(0.0053)
Propionitrile		200	NA	NA	ND(0.011)	ND(0.011)
Styrene		1700	NA	NA	ND(0.0054)	ND(0.0053)
Tetrachloroethene		4.7	NA	NA	ND(0.0054)	ND(0.0053)
Toluene		520	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0054)	ND(0.0053)
Trichloroethene		2.7	NA	NA	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane		380	NA	NA	ND(0.0054)	ND(0.0053)
Vinyl Acetate		420	NA	NA	ND(0.0054)	ND(0.0053)
Vinyl Chloride		0.021	NA	NA	ND(0.0054)	ND(0.0053)
Xylenes (total)		210	NA	NA	ND(0.0054)	ND(0.0053)

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,2-Diphenyl/diazine		0.56	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1600	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(4.4)	ND(0.73)	ND(0.71)	ND(0.71)
1,4-Dichlorobenzene		3	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71) J
1-Naphthylamine		Not Listed	ND(52)	ND(0.73)	ND(0.73)	ND(0.71)
2,3,4,6-Tetrachlorophenol		1600	ND(4.4)	ND(0.73)	ND(0.36) J	ND(0.36) J
2,4,5-Trichlorophenol		5500	ND(21)	ND(1.8)	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(4.3)	ND(0.36)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		1100	NA	ND(0.73)	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(21)	ND(1.8) J	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		110	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
2-Chloronaphthalene		3700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(4.3)	ND(0.73)	0.083 J	ND(0.36)
2-Methylphenol		2700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(74)	ND(0.73)	ND(0.73)	ND(0.71)
2-Nitroaniline		3.3	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
2-Nitrophenol		Not Listed	ND(4.3)	ND(0.73)	ND(0.73)	ND(0.71)
2-Picoline		55	ND(30)	ND(1.5)	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
3,3-Dichlorobenzidine		0.99	ND(8.6)	ND(1.5)	ND(0.73)	ND(0.71)
3,3-Dimethylbenzidine		0.048	ND(35)	ND(1.5)	ND(0.36) J	ND(0.36)
3-Methylcholanthrene		0.056	ND(13)	ND(0.73)	ND(0.73)	ND(0.71)
3-Nitroaniline		5.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		55	ND(21)	ND(1.8)	ND(0.36)	ND(0.36) J
4-Aminobiphenyl		1400	ND(22)	ND(1.5)	ND(0.73)	ND(0.71)
4-Bromophenyl-phenylether		160	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2700	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
4-Chlorophenyl-phenylether		Not Listed	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
4-Methylphenol		270	ND(4.3)	NA	NA	NA
4-Nitroaniline		5.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
4-Nitrophenol		3400	ND(21)	ND(1.8)	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		110	ND(4.4)	ND(0.73)	ND(0.73) J	ND(0.71) J
4-Phenylenediamine		10000	ND(22)	ND(1.5)	ND(0.73)	ND(0.71)
5-Nitro-o-toluidine		13	ND(8.7)	ND(0.73)	ND(0.73)	ND(0.71)
7,12-Dimethylbenz(a)anthracene		0.056	ND(8.7)	ND(1.5)	ND(0.73)	ND(0.71)
a,a-Dimethylphenethylamine		55	ND(4.4)	ND(0.73)	ND(0.73) J	ND(0.71)
Acenaphthene		2600	ND(4.3)	0.076 J	ND(0.36)	ND(0.36)
Acenaphthylene		55	ND(4.3)	0.23 J	1.2	0.20 J
Acetophenone		0.49	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Aniline		78	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Anthracene		14000	0.78 J	0.27 J	0.60	0.14 J
Aramite		18	ND(4.4)	ND(1.5)	ND(0.73)	ND(0.71)
Benzidine		0.0019	ND(22)	ND(0.73)	ND(0.73)	ND(0.71)
Benzol(a)anthracene		0.56	1.4 J	1.2	1.7	0.45
Benzol(a)pyrene		0.056	1.2 J	1.6	2.6	0.56
Benzol(b)fluoranthene		0.56	1.1 J	1.8	3.2	0.65
Benzol(g,h,i)perylene		55	0.89 J	0.35 J	2.7	0.49

TABLE E-127
SUMMARY OF APPENDIX IX-3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feeet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-2 Bottom Bank 0-0.5 01/19/95	Historical SLB-2 Top Bank 0-0.5 10/11/95	PDI RA-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 1-3 06/10/03
Benzof(K)fluoranthene		5.6	1-1 J	1.8	1.1	0.22 J
Benzoic Acid		100000	ND(21)	NA	NA	NA
Benzyl Alcohol		16000	ND(4.3)	ND(0.73)	ND(0.73) J	ND(0.71) J
bis(2-Chloroethoxy)methane		Not Listed	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	0.84 J	0.29 J	ND(0.36)	ND(0.35)
Butylbenzylphthalate		930	ND(4.3)	0.37 J	0.29 J	ND(0.36)
Chrysene		56	1.5 J	1.6	1.6	0.48
Diallate		7.3	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
Dibenzof(a,h)anthracene		0.056	ND(4.3)	0.082 J	0.66	ND(0.36)
Dibenzofuran		210	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Diethylphthalate		44000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Dimethylphthalate		100000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5500	ND(4.3)	0.18 JB	ND(0.36)	ND(0.36)
Di-n-Octylphthalate		1100	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Dioxeb		55	ND(8.7)	ND(0.73)	NA	NA
Diphenylamine		1400	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Ethyl Methacrylate		140	ND(8.6)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Fluoranthene		2000	3.6 J	3.0	2.9	0.91
Fluorene		1800	ND(4.3)	0.083 J	0.12 J	ND(0.36)
Hexachlorobenzene		0.28	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(4.3)	ND(0.73)	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(22)	ND(3.7)	ND(0.73) J	ND(0.71) J
Hexachloropropene		Not Listed	ND(8.7)	ND(0.73)	ND(0.36) J	ND(0.36) J
Indenol(1,2,3-cd)pyrene		0.56	ND(4.3)	0.39 J	2.1	0.40
Isodln		Not Listed	ND(4.4)	NA	ND(0.36)	ND(0.36)
Isophorone		470	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
Methacrylene		55	ND(17)	ND(0.73)	ND(0.71)	ND(0.71)
Methyl Methanesulfonate		Not Listed	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Naphthalene		55	ND(4.3)	ND(0.73)	0.14 J	ND(0.36)
Nitrobenzene		16	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.003	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(8.7)	ND(0.73)	ND(0.73)	ND(0.71)
N-Nitroso-di-n-propylamine		0.063	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosomorpholine		0.02	ND(4.4)	ND(0.73)	ND(0.71)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(4.4)	ND(0.73)	ND(0.73)	ND(0.71)
o,o'-Triethylphosphorothioate		11	ND(4.4)	NA	ND(0.36) J	ND(0.36)
o-Tolidine		1.9	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(13)	ND(0.73)	ND(0.36) J	ND(0.71)
Pentachloroethane		2.8	ND(8.7)	ND(0.73)	ND(0.36) J	ND(0.36) J
Pentachloronitrobenzene		4.4	ND(8.6)	ND(0.73)	ND(0.36)	ND(0.36)
Pentachlorophenol		1.7	ND(8.7)	ND(0.73)	ND(0.73) J	ND(0.71) J
Phenacetin		2.5	ND(21)	ND(1.8)	ND(1.8)	ND(1.8)
Phenanthrene		640	ND(4.4)	ND(1.5)	0.89	0.28 J
Phenanthrene		55	1.9 J	1.3	0.89	0.28 J
Phenol		33000	ND(4.3)	ND(0.73)	ND(0.36)	ND(0.36)
Pronamide		4100	ND(13)	ND(0.73)	ND(0.36)	ND(0.36)
Pyrene		1500	2.8 J	2.3	2.6	0.92
Pyridine		55	ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Regional PRGs	Historical SLB-2 Bottom Bank SLB-2-BB 0-0.5 01/19/95	Historical SLB-2 Top Bank SLB-2-TB 0-0.5 10/11/95	PDI RA-2-SB-3 SLB-2-SB-3 0-1 06/10/03	PDI RA-2-SB-3 RA-2-SB-3 1-3 06/10/03
Semivolatile Organics (continued)						
Safrole	Not Listed		ND(4.4)	ND(0.73)	ND(0.36)	ND(0.36)
Sulfotep	27		ND(4.4)	NA	NA	NA
Thionazin	330		ND(4.4)	NA	ND(0.36)	ND(0.36)
Furans						
2,3,7,8-TCDF	Not Applicable		0.0000022 YJ	NA	ND(0.000012)	0.0000041 Y
TCDFs (total)	Not Applicable		0.0000043	NA	ND(0.000012) J	0.0000074 IJ
1,2,3,7,8-PeCDF	Not Applicable		ND(0.0000014)	NA	ND(0.000018)	0.000017
2,3,4,7,8-PeCDF	Not Applicable		ND(0.0000028)	NA	ND(0.0000014)	0.000014
PeCDFs (total)	Not Applicable		0.0000057	NA	0.0000043	0.000141
1,2,3,4,7,8-HxCDF	Not Applicable		ND(0.0000032)	NA	ND(0.0000011)	0.0000028
1,2,3,6,7,8-HxCDF	Not Applicable		ND(0.0000022)	NA	0.0000061	0.000020
1,2,3,7,8,9-HxCDF	Not Applicable		ND(0.0000050)	NA	ND(0.0000013)	0.000012
2,3,4,6,7,8-HxCDF	Not Applicable		ND(0.0000020)	NA	ND(0.0000012)	0.000012
HxCDFs (total)	Not Applicable		0.0000047	NA	0.0000044	0.000151
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.0000013	NA	ND(0.000013) X	0.000044 J
1,2,3,4,7,8,9-HpCDF	Not Applicable		ND(0.0000011)	NA	ND(0.000021)	0.000022
HpCDFs (total)	Not Applicable		0.0000034	NA	0.0000022	0.0000083
OCDF	Not Applicable		0.0000026	NA	0.0000029	0.000043
Dioxins						
2,3,7,8-TCDD	Not Applicable		ND(0.00000015)	NA	ND(0.0000012)	0.0000027
TCDDs (total)	Not Applicable		ND(0.00000063)	NA	ND(0.00000075)	0.0000049
1,2,3,7,8-PeCDD	Not Applicable		ND(0.00000055)	NA	ND(0.0000010)	0.000014
PeCDDs (total)	Not Applicable		ND(0.0000013)	NA	ND(0.00000044)	0.000014
1,2,3,4,7,8-HxCDD	Not Applicable		ND(0.0000012)	NA	ND(0.0000015)	0.000015
1,2,3,6,7,8-HxCDD	Not Applicable		0.0000037 J	NA	ND(0.0000016)	0.000016
1,2,3,7,8,9-HxCDD	Not Applicable		ND(0.0000025)	NA	ND(0.0000016)	0.000016
HxCDDs (total)	Not Applicable		0.0000018	NA	ND(0.00000085)	0.000060
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.0000069	NA	0.0000044	0.0000040
HpCDDs (total)	Not Applicable		0.00012	NA	0.0000084	0.0000068
OCDD	Not Applicable		0.00053	NA	0.000032	0.000020
Total TEQs (WHO TEFs)	Not Applicable		0.0000031	NA	0.0000031	0.000038
Inorganics						
Aluminum	75000		2810	NA	NA	NA
Antimony	30		ND(6.60)	NA	0.780 B	ND(6.00)
Arsenic	0.38		1.60	NA	4.80	6.50
Barium	5200		15.7 B	NA	61.0	ND(20.0)
Beryllium	150		0.220 B	NA	0.120 B	0.140 B
Cadmium	37		ND(0.660)	NA	0.170 B	ND(0.500)
Calcium	Not Listed		14500	NA	NA	NA
Chromium	210		4.40	NA	7.90	6.20
Cobalt	3300		5.00 B	NA	6.30	7.60
Copper	2800		16.4	NA	22.0	26.0
Cyanide	11		ND(0.560)	NA	0.0640 J	0.0480 J
Iron	22000		14000	NA	NA	NA
Lead	400		39.1	NA	57.0	47.0
Magnesium	Not Listed		7380	NA	NA	NA
Manganese	3100		249	NA	NA	NA
Mercury	22		ND(0.130)	NA	0.0490 B	0.0190 B
Nickel	1500		10.1	NA	13.0	13.0
Potassium	Not Listed		216 B	NA	NA	NA
Selenium	370		ND(0.260)	NA	0.600 J	0.530 J
Silver	370		ND(0.660)	NA	0.130 B	0.120 B
Sodium	Not Listed		113 B	NA	NA	NA
Sulfide	350		NA	NA	ND(5.40)	ND(5.30)
Thallium	6		ND(0.260)	NA	ND(1.10) J	ND(1.10) J
Tin	45000		NA	NA	ND(10.0)	ND(10.0)
Vanadium	520		9.60	NA	11.0	6.60
Zinc	22000		60.3	NA	72.0	44.0

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-2-SB-6	RA-2-SB-6	RA-2-SB-9	RA-2-SB-9
			06/10/03 0-1	06/10/03 1-3	06/10/03 0-1	06/10/03 1-3
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,1-Trichloroethane		680	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1,2-Trichloroethane		0.82	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1-Dichloroethane		570	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,1-Dichloroethene		0.052	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2,3-Trichloropropane		0.0014	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dibromoethane		0.0049	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dichloroethane		0.34	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,2-Dichloropropane		0.34	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone		6900	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
2-Chloroethylvinylether		0.18	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
2-Hexanone		750	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene		2700	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
4-Methyl-2-pentanone		750	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		1400	ND(0.022) J	ND(0.021)	ND(0.021)	ND(0.022)
Acetonitrile		200	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Benzene		0.62	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromodichloromethane		0.98	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromoform		56	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Bromomethane		3.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Carbon Disulfide		350	ND(0.0054) J	ND(0.0053) J	ND(0.0053) J	ND(0.0055) J
Carbon Tetrachloride		0.23	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chlorobenzene		54	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloroethane		1600	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloroform		0.24	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Chloromethane		1.2	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dibromochloromethane		5.3	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dibromomethane		550	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Dichlorodifluoromethane		94	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Ethyl Methacrylate		140	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Ethylbenzene		230	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Iodomethane		1.2	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Isobutanol		10000	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Methyl Methacrylate		2200	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Methylene Chloride		8.5	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Propionitrile		200	ND(0.011) J	ND(0.011)	ND(0.011)	ND(0.011)
Styrene		1700	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Tetrachloroethene		4.7	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Toluene		520	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,2-Dichloroethene		62	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Trichloroethene		2.7	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Trichlorofluoromethane		380	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Vinyl Acetate		420	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Vinyl Chloride		0.021	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)
Xylenes (total)		210	ND(0.0054) J	ND(0.0053)	ND(0.0053)	ND(0.0055)

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
			RA-2-SB-6 RA-2-SB-6 0-1 06/10/03	RA-2-SB-6 RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 RA-2-SB-9 0-1 06/10/03	RA-2-SB-9 RA-2-SB-9 1-3 06/10/03
Semi-volatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3,5-Trinitrobenzene		1600	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,3-Dinitrobenzene		5.5	ND(0.73)	ND(0.71)	ND(0.71)	ND(0.74)
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
1,4-Naphthoquinone		55	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
1-Naphthylamine		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2,3,4,6-Tetrachlorophenol		1600	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
2,4,5-Trichlorophenol		5500	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dimethylphenol		1100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.8) J	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Acetylaminofluorene		0.56	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Chloronaphthalene		3700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Chlorophenol		59	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Methylnaphthalene		55	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)
2-Methylphenol		2700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
2-Naphthylamine		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Nitroaniline		3.3	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
2-Picoline		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
3&4-Methylphenol		270	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3,3'-Dichlorobenzidine		0.99	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3,3'-Dimethylbenzidine		0.048	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J
3-Methylcholanthrene		0.056	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
3-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Aminobiphenyl		1400	ND(0.73)	ND(0.71)	ND(0.71)	ND(0.74)
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chloro-3-Methylphenol		2700	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chloroaniline		220	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Chlorobenzilate		1.6	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitrophenol		3400	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
4-Phenylenediamine		10000	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
5-Nitro-o-toluidine		13	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
a,a'-Dimethylphenethylamine		55	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J
Acenaphthene		2600	ND(0.36)	0.17 J	ND(0.35)	0.74
Acenaphthylene		55	0.48	0.46	0.19 J	0.23 J
Acetophenone		0.49	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Aniline		78	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Anthracene		14000	0.45	0.51	0.088 J	0.095 J
Atarmit		18	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Benzidine		0.0019	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)
Benzo(a)anthracene		0.56	1.3	1.2	0.42	0.36 J
Benzo(a)pyrene		0.056	1.3	1.2	0.49	0.51
Benzo(b)fluoranthene		0.56	1.5	1.4	0.59	0.68
Benzo(g,h,i)perylene		55	1.1	1.0	0.48	0.47

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region Residential PRGs	PDI		PDI		PDI		
			RA-2-SB-6 0-1 06/10/03	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 0-1 06/10/03	RA-2-SB-9 1-3 06/10/03			
Semivolatile Organics (continued)									
Benzol(k)fluoranthene		5.6	0.59	0.45	0.32 J	0.20 J			
Benzoic Acid		100000	NA	NA	NA	NA			
Benzyl Alcohol		16000	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J			
bis(2-Chloroethoxy)methane		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
bis(2-Chloroethyl)ether		0.18	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
bis(2-Chloroisopropyl)ether		2.5	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
bis(2-Ethylhexyl)phthalate		32	0.34 J	ND(0.35)	ND(0.35)	ND(0.36)			
Butylbenzylphthalate		930	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Chrysene		56	1.4	1.2	0.42	0.45			
Diallylate		7.3	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)			
Dibenz(a,h)anthracene		0.056	0.26 J	0.28 J	ND(0.35)	ND(0.37)			
Dibenzofuran		210	ND(0.36)	0.13 J	ND(0.35)	ND(0.37)			
Diethylphthalate		44000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Dimethylphthalate		100000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Di-n-Butylphthalate		5500	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Di-n-Octylphthalate		1100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Dinoseb		55	NA	NA	NA	NA			
Diphenylamine		1400	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Ethyl Methacrylate		140	NA	NA	NA	NA			
Ethyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Fluoranthene		2000	2.6	3.3	0.70	0.71			
Fluorene		1800	0.13 J	0.37	ND(0.35)	ND(0.37)			
Hexachlorobenzene		0.28	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Hexachlorobutadiene		5.7	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Hexachlorocyclopentadiene		380	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J			
Hexachloroethane		32	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Hexachloropropene		16	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J			
Hexachloropyrene		Not Listed	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J			
Indeno(1,2,3-cd)pyrene		0.56	0.89	0.77	0.37	0.40			
Isodrin		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Isophorone		470	ND(0.36)	ND(0.36)	ND(0.37)	ND(0.37)			
Isosafrole		Not Listed	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)			
Methapyrene		55	ND(0.73)	ND(0.72)	ND(0.74)	ND(0.74)			
Methyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Naphthalene		55	ND(0.36)	0.12 J	ND(0.35)	ND(0.37)			
Nitrobenzene		16	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosodethylamine		0.003	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosodimethylamine		0.0087	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitroso-di-n-butylamine		0.022	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)			
N-Nitroso-di-n-propylamine		0.063	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosodiphenylamine		91	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosomethylamine		0.02	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)			
N-Nitrosomorpholine		0.21	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosopiperidine		0.21	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
N-Nitrosopyrrolidine		0.21	ND(0.73)	ND(0.72)	ND(0.71)	ND(0.74)			
O,o'-Triethylphosphorothioate		11	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J			
o-Toluidine		1.9	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
p-Dimethylaminoazobenzene		0.99	ND(0.72)	ND(0.72)	ND(0.71)	ND(0.74)			
Pentachlorobenzene		44	ND(0.36) J	ND(0.36) J	ND(0.35) J	ND(0.37) J			
Pentachloroethane		2.8	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Pentachloronitrobenzene		1.7	ND(0.73) J	ND(0.72) J	ND(0.71) J	ND(0.74) J			
Pentachlorophenol		2.5	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.9)			
Phenacethin		640	ND(0.73)	ND(0.72)	ND(0.74)	ND(0.74)			
Phenanthrene		55	1.1	2.0	ND(0.35)	0.19 J			
Phenol		33000	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Pionamide		4100	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			
Pyrene		1500	2.7	2.9	0.73	0.71			
Pyridine		55	ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)			

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Region ID: Sample Depth(ft): Date Collected:	EPA Residential PGs	RA-2-SB-6		RA-2-SB-9	
			PDI 0-1 06/10/03	PDI 1-3 06/10/03	PDI 0-1 06/10/03	PDI 1-3 06/10/03
Semivolatile Organics (continued)						
Saflrole	Not Listed		ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Sulfotep	27		NA	NA	NA	NA
Thionazin	330		ND(0.36)	ND(0.36)	ND(0.35)	ND(0.37)
Furans						
2,3,7,8-TCDF	Not Applicable		0.0000031 Y	0.0000051 Y	0.0000030 Y	0.0000022 Y
TCDFs (total)	Not Applicable		0.000078 U	0.000020 J	0.000025 U	0.000022 U
1,2,3,7,8-PeCDF	Not Applicable		0.000021	ND(0.000076) X	0.0000040	0.00000087
2,3,4,7,8-PeCDF	Not Applicable		0.000017	0.0000092	0.0000034	0.0000013
PeCDFs (total)	Not Applicable		0.000161	0.000088	0.0000761	0.0000351
1,2,3,4,7,8-HxCDF	Not Applicable		0.000034	0.000012	0.0000077	0.0000017
1,2,3,6,7,8-HxCDF	Not Applicable		0.000026	0.000083	0.0000090	0.0000014
1,2,3,7,8,9-HxCDF	Not Applicable		0.000016	ND(0.0000010)	ND(0.00000033)	ND(0.00000090)
2,3,4,6,7,8-HxCDF	Not Applicable		0.000014	0.0000091	0.0000048	0.0000072
HxCDFs (total)	Not Applicable		0.000161	0.000098	0.000151	0.0000241
1,2,3,4,6,7,8-HpCDF	Not Applicable		0.000054	0.000033	0.000082	ND(0.0000031) X
1,2,3,4,7,8,9-HpCDF	Not Applicable		0.000027	0.000012	0.0000052	0.00000065
HpCDFs (total)	Not Applicable		0.00010	0.000079	0.000088	0.0000068
OCDF	Not Applicable		0.000056	0.000039	0.000059	0.0000061
Dioxins						
2,3,7,8-TCDD	Not Applicable		0.0000035	ND(0.00000086)	ND(0.00000016)	ND(0.000000080)
TCDDs (total)	Not Applicable		0.0000060	ND(0.0000059)	ND(0.0000045)	ND(0.0000019)
1,2,3,7,8-PeCDD	Not Applicable		0.000017	ND(0.0000032)	0.0000080	ND(0.000000040)
PeCDDs (total)	Not Applicable		0.000017	ND(0.000028)	0.000013	ND(0.0000038)
1,2,3,4,7,8-HxCDD	Not Applicable		0.000019	ND(0.0000013)	0.000011	ND(0.00000072) X
1,2,3,6,7,8-HxCDD	Not Applicable		0.000020	0.0000078	0.0000036	ND(0.000000090)
1,2,3,7,8,9-HxCDD	Not Applicable		0.000018	0.0000065	0.000027	ND(0.000000090)
HxCDDs (total)	Not Applicable		0.000076	0.000019	0.00017	0.0000012
1,2,3,4,6,7,8-HpCDD	Not Applicable		0.000047	0.000051	0.00047	0.0000049
HpCDDs (total)	Not Applicable		0.000084	0.000088	0.00078	0.0000082
OCDD	Not Applicable		0.00026	0.00034	0.0028	0.000036
Total TEQs (WHO TEFs)	Not Applicable		0.000046	0.000013	0.000026	0.0000015
Inorganics						
Aluminum	75000		NA	NA	NA	NA
Antimony	30		0.880 B	ND(6.00)	ND(6.00)	0.820 B
Arsenic	0.38		2.90 J	4.00	8.50	7.40
Barium	5200		22.0	43.0	ND(20.0)	ND(20.0)
Beryllium	150		0.160 B	0.150 B	0.120 B	0.190 B
Cadmium	37		0.170 B	0.180 B	ND(0.500)	ND(0.500)
Calcium	Not Listed		NA	NA	NA	NA
Chromium	210		7.80	10.0	8.30	6.70
Cobalt	3300		5.30	5.90	9.70	7.70
Copper	2800		21.0	62.0	27.0	18.0
Cyanide	11		0.280 J	0.700 J	0.0470 J	ND(0.550) J
Iron	22000		NA	NA	NA	NA
Lead	400		130	200	38.0	22.0
Magnesium	Not Listed		NA	NA	NA	NA
Manganese	3100		NA	NA	NA	NA
Mercury	22		0.0320 B	0.0450 B	ND(0.110)	0.130
Nickel	1500		10.0	12.0	17.0	14.0
Potassium	Not Listed		NA	NA	NA	NA
Selenium	370		0.530 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	370		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sodium	Not Listed		NA	NA	NA	NA
Sulfide	350		ND(5.40)	ND(5.30)	14.0	10.0
Thallium	6		ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin	45000		ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	520		13.0	11.0	9.50	6.80
Zinc	22000		80.0	92.0	60.0	44.0

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0054)	ND(0.0055)
1,1,1-1-Trichloroethane		680	ND(0.0054)	ND(0.0055)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0054)	ND(0.0055)
1,1,2-Trichloroethane		0.82	ND(0.0054)	ND(0.0055)
1,1-Dichloroethane		570	ND(0.0054)	ND(0.0055)
1,1-Dichloroethene		0.052	ND(0.0054)	ND(0.0055)
1,2,3-Trichloropropene		0.0014	ND(0.0054)	ND(0.0055)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0054)	ND(0.0055)
1,2-Dibromoethane		0.0049	ND(0.0054)	ND(0.0055)
1,2-Dichloroethane		0.34	ND(0.0054)	ND(0.0055)
1,2-Dichloropropane		0.34	ND(0.0054)	ND(0.0055)
1,4-Dioxane		40	ND(0.11) J	ND(0.11) J
2-Butanone		6900	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	ND(0.0054)	ND(0.0055)
2-Chloroethylvinylether		0.18	ND(0.0054)	ND(0.0055)
2-Hexanone		750	ND(0.011)	ND(0.011)
3-Chloropropene		2700	ND(0.0054)	ND(0.0055)
4-Methyl-2-pentanone		750	ND(0.011)	ND(0.011)
Acetone		1400	ND(0.022)	ND(0.022)
Acetonitrile		200	ND(0.11) J	ND(0.11) J
Acrolein		0.1	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	ND(0.0054)	ND(0.0055)
Benzene		0.62	ND(0.0054)	ND(0.0055)
Bromodichloromethane		0.98	ND(0.0054)	ND(0.0055)
Bromoform		56	ND(0.0054)	ND(0.0055)
Bromomethane		3.8	ND(0.0054)	ND(0.0055)
Carbon Disulfide		350	ND(0.0054) J	ND(0.0055) J
Carbon Tetrachloride		0.23	ND(0.0054)	ND(0.0055)
Chlorobenzene		54	ND(0.0054)	ND(0.0055)
Chloroethane		1600	ND(0.0054)	ND(0.0055)
Chloroform		0.24	ND(0.0054)	ND(0.0055)
Chloromethane		1.2	ND(0.0054)	ND(0.0055)
cis-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0055)
Dibromochloromethane		5.3	ND(0.0054)	ND(0.0055)
Dibromomethane		550	ND(0.0054)	ND(0.0055)
Dichlorodifluoromethane		94	ND(0.0054)	ND(0.0055)
Ethyl Methacrylate		140	ND(0.0054)	ND(0.0055)
Ethylbenzene		230	ND(0.0054)	ND(0.0055)
Iodomethane		1.2	ND(0.0054)	ND(0.0055)
Isobutanol		10000	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	ND(0.0054)	ND(0.0055)
Methyl Methacrylate		2200	ND(0.0054)	ND(0.0055)
Methylene Chloride		8.5	ND(0.0054)	ND(0.0055)
Propionitrile		200	ND(0.011)	ND(0.011)
Styrene		1700	ND(0.0054)	ND(0.0055)
Tetrachloroethene		4.7	ND(0.0054)	ND(0.0055)
Toluene		520	ND(0.0054)	ND(0.0055)
trans-1,2-Dichloroethene		62	ND(0.0054)	ND(0.0055)
trans-1,3-Dichloropropene		Not Listed	ND(0.0054)	ND(0.0055)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0054)	ND(0.0055)
Trichloroethene		2.7	ND(0.0054)	ND(0.0055)
Trichlorofluoromethane		380	ND(0.0054)	ND(0.0055)
Vinyl Acetate		420	ND(0.0054)	ND(0.0055)
Vinyl Chloride		0.021	ND(0.0054)	ND(0.0055)
Xylenes (total)		210	ND(0.0054)	ND(0.0055)

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(ft): Date Collected:	EPA Region 9 Residential PRCS	PDI	
			RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.36)	ND(0.36)
1,2,4-Trichlorobenzene		480	ND(0.36)	ND(0.36)
1,2-Dichlorobenzene		370	ND(0.36)	ND(0.36)
1,2-Diphenylhydrazine		0.56	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene		1600	ND(0.36)	ND(0.36)
1,3-Dichlorobenzene		41	ND(0.36)	ND(0.36)
1,3-Dinitrobenzene		5.5	ND(0.73)	ND(0.73)
1,4-Dichlorobenzene		3	ND(0.36)	ND(0.36)
1,4-Naphthoquinone		55	ND(0.73) J	ND(0.73) J
1-Naphthylamine		Not Listed	ND(0.73)	ND(0.73)
2,3,4,6-Tetrachlorophenol		1600	ND(0.36) J	ND(0.36) J
2,4,5-Trichlorophenol		5500	ND(0.36)	ND(0.36)
2,4,6-Trichlorophenol		40	ND(0.36)	ND(0.36)
2,4-Dichlorophenol		160	ND(0.36)	ND(0.36)
2,4-Dimethylphenol		1100	ND(0.36)	ND(0.36)
2,4-Dinitrophenol		110	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene		110	ND(0.36)	ND(0.36)
2,6-Dichlorophenol		160	ND(0.36)	ND(0.36)
2,6-Dinitrotoluene		55	ND(0.36)	ND(0.36)
2-Acetylaminofluorene		0.56	ND(0.73)	ND(0.73)
2-Chloronaphthalene		3700	ND(0.36)	ND(0.36)
2-Chlorophenol		59	ND(0.36)	ND(0.36)
2-Methylnaphthalene		55	ND(0.36)	ND(0.36)
2-Methylphenol		2700	ND(0.36)	ND(0.36)
2-Naphthylamine		Not Listed	ND(0.73)	ND(0.73)
2-Nitroaniline		3.3	ND(1.8)	ND(1.9)
2-Nitrophenol		Not Listed	ND(0.73)	ND(0.73)
2-Picoline		55	ND(0.36)	ND(0.36)
3&4-Methylphenol		270	ND(0.73)	ND(0.73)
3,3-Dichlorobenzidine		0.99	ND(0.73)	ND(0.73)
3,3-Dimethylbenzidine		0.048	ND(0.36)	ND(0.36)
3-Methylcholanthrene		0.056	ND(0.73)	ND(0.73)
3-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol		55	ND(0.36) J	ND(0.36) J
4-Aminobiphenyl		1400	ND(0.73)	ND(0.73)
4-Bromophenyl-phenylether		160	ND(0.36)	ND(0.36)
4-Chloro-3-Methylphenol		2700	ND(0.36)	ND(0.36)
4-Chloroaniline		220	ND(0.36)	ND(0.36)
4-Chlorobenzilate		1.6	ND(0.73)	ND(0.73)
4-Chlorophenyl-phenylether		Not Listed	ND(0.36)	ND(0.36)
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	ND(1.8)	ND(1.9)
4-Nitrophenol		3400	ND(1.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide		110	ND(0.73) J	ND(0.73) J
4-Phenylenediamine		10000	ND(0.73)	ND(0.73)
5-Nitro-o-toluidine		13	ND(0.73)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.73)	ND(0.73)
a,a'-Dimethylphenethylamine		55	ND(0.73)	ND(0.73)
Acenaphthene		2600	ND(0.36)	ND(0.36)
Acenaphthylene		55	0.33 J	ND(0.36)
Acetophenone		0.49	ND(0.36)	ND(0.36)
Aniline		78	ND(0.36)	ND(0.36)
Anthracene		14000	0.17 J	ND(0.36)
Aranite		18	ND(0.73)	ND(0.73)
Benzidine		0.0019	ND(0.73)	ND(0.73)
Benzo(a)anthracene		0.56	0.47	ND(0.36)
Benzo(a)pyrene		0.056	0.59	ND(0.36)
Benzo(b)fluoranthene		0.56	0.78	ND(0.36)
Benzo(g,h,i)perylene		55	0.58	ND(0.36)

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Residential PRGs	PDI	PDI
			RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics (continued)				
Benzof(k)fluoranthene		5.6	0.30 J	ND(0.36)
Benzoic Acid		100000	NA	NA
Benzyl Alcohol		16000	ND(0.73) J	ND(0.73) J
bis(2-Chloroethoxy)methane		Not Listed	ND(0.36)	ND(0.36)
bis(2-Chloroethyl)ether		0.18	ND(0.36)	ND(0.36)
bis(2-Chloroisopropyl)ether		2.5	ND(0.36)	ND(0.36)
bis(2-Ethylhexyl)phthalate		32	ND(0.36)	ND(0.36)
Butylbenzylphthalate		930	ND(0.36)	ND(0.36)
Chrysene		56	0.65	0.091 J
Diallate		7.3	ND(0.73)	ND(0.73)
Dibenzo(a,h)anthracene		0.056	ND(0.36)	ND(0.36)
Dibenzofuran		210	ND(0.36)	ND(0.36)
Diethylphthalate		44000	ND(0.36)	ND(0.36)
Dimethylphthalate		100000	ND(0.36)	ND(0.36)
Di-n-Butylphthalate		5500	ND(0.36)	ND(0.36)
Di-n-Octylphthalate		1100	ND(0.36)	ND(0.36)
Dinoseb		55	NA	NA
Diphenylamine		1400	ND(0.36)	ND(0.36)
Ethyl Methacrylate		140	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)
Fluoranthene		2000	0.97	0.13 J
Fluorene		1800	ND(0.36)	ND(0.36)
Hexachlorobenzene		0.28	ND(0.36)	ND(0.36)
Hexachlorobutadiene		5.7	ND(0.36)	ND(0.36)
Hexachlorocyclopentadiene		380	ND(0.36) J	ND(0.36) J
Hexachloroethane		32	ND(0.36)	ND(0.36)
Hexachlorophene		16	ND(0.73) J	ND(0.73) J
Hexachloropropene		Not Listed	ND(0.36) J	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.56	0.46	ND(0.36)
Isodrin		Not Listed	ND(0.36)	ND(0.36)
Isophorone		470	ND(0.36)	ND(0.36)
Isosafrole		Not Listed	ND(0.73)	ND(0.73)
Methapyrene		55	ND(0.73)	ND(0.73)
Methyl Methanesulfonate		Not Listed	ND(0.36)	ND(0.36)
Naphthalene		55	ND(0.36)	ND(0.36)
Nitrobenzene		16	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.003	ND(0.36)	ND(0.36)
N-Nitrosodimethylamine		0.0087	ND(0.36)	ND(0.36)
N-Nitroso-di-n-butylamine		0.022	ND(0.73)	ND(0.73)
N-Nitroso-di-n-propylamine		0.063	ND(0.36)	ND(0.36)
N-Nitrosodiphenylamine		91	ND(0.36)	ND(0.36)
N-Nitrosomethylethylamine		0.02	ND(0.73)	ND(0.73)
N-Nitrosomorpholine		0.21	ND(0.36)	ND(0.36)
N-Nitrosopiperidine		0.21	ND(0.36)	ND(0.36)
N-Nitrosopyrrolidine		0.21	ND(0.73)	ND(0.73)
o,o'-Triethylphosphorothioate		11	ND(0.36)	ND(0.36)
o-Toluidine		1.9	ND(0.36)	ND(0.36)
p-Dimethylaminoazobenzene		0.99	ND(0.73)	ND(0.73)
Pentachlorobenzene		2.8	ND(0.36) J	ND(0.36) J
Pentachloroethane		44	ND(0.36)	ND(0.36)
Pentachloronitrobenzene		1.7	ND(0.73) J	ND(0.73) J
Pentachlorophenol		2.5	ND(1.8)	ND(1.9)
Phenacetin		640	ND(0.73)	ND(0.73)
Phenanthrene		55	0.35 J	ND(0.36)
Phenol		33000	ND(0.36)	ND(0.36)
Pronamide		4100	ND(0.36)	ND(0.36)
Pyrene		1500	0.88	0.13 J
Pyridine		55	ND(0.36)	ND(0.36)

**TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-2-SB-11 RA-2-SB-11 0-1 06/10/03	PDI RA-2-SB-11 RA-2-SB-11 1-3 06/10/03
Semivolatile Organics (continued)				
Sarole	Not Listed		ND(0.36)	ND(0.36)
Sulfolep	27		NA	NA
Thionazin	330		ND(0.36)	ND(0.36)
Furans				
2,3,7,8-TCDF		Not Applicable	0.000012 Y	0.0000033 Y
TCDFs (total)		Not Applicable	0.00013 U	0.000023 U
1,2,3,7,8-PeCDF		Not Applicable	0.0000097	0.0000034
2,3,4,7,8-PeCDF		Not Applicable	0.0000077	0.0000034
PeCDFs (total)		Not Applicable	0.00017 I	0.000032 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.000013	0.0000056
1,2,3,6,7,8-HxCDF		Not Applicable	0.000010	0.0000041
1,2,3,7,8,9-HxCDF		Not Applicable	0.0000028	0.0000022
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000054	0.0000026
HxCDFs (total)		Not Applicable	0.00014 I	0.000028
1,2,3,4,6,7,8-HpCDF		Not Applicable	ND(0.000027) X	ND(0.0000018)
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.0000070	0.0000046
HpCDFs (total)		Not Applicable	0.000050	0.0000091
OCDF		Not Applicable	0.000040	0.0000099
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.00000019)	ND(0.0000012)
TCDDs (total)		Not Applicable	0.00000075	ND(0.0000012)
1,2,3,7,8-PeCDD		Not Applicable	0.0000052	0.0000030
PeCDDs (total)		Not Applicable	0.0000052	0.0000030
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000065	0.0000043
1,2,3,6,7,8-HxCDD		Not Applicable	0.000012	0.0000034
1,2,3,7,8,9-HxCDD		Not Applicable	0.0000092	0.0000031
HxCDDs (total)		Not Applicable	0.000045	0.000014
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00012	0.000012
HpCDDs (total)		Not Applicable	0.00020	0.000020
OCDD		Not Applicable	0.000070	0.000074
Total TEQs (WHO TEFs)		Not Applicable	0.000018	0.0000080
Inorganics				
Aluminum		75000	NA	NA
Antimony		30	0.950 B	ND(6.00)
Arsenic		0.38	8.40	6.80
Barium		5200	39.0	21.0
Beryllium		150	0.210 B	0.210 B
Cadmium		37	ND(0.500)	ND(0.500)
Calcium		Not Listed	NA	NA
Chromium		210	9.80	6.80
Cobalt		3300	10.0	7.20
Copper		2800	36.0	16.0
Cyanide		11	0.0710 J	ND(0.220) J
Iron		22000	NA	NA
Lead		400	120	39.0
Magnesium		Not Listed	NA	NA
Manganese		3100	NA	NA
Mercury		22	0.0960 B	0.0210 B
Nickel		1500	20.0	14.0
Potassium		Not Listed	NA	NA
Selenium		370	0.540 J	ND(1.00) J
Silver		370	ND(1.00)	ND(1.00)
Sodium		Not Listed	NA	NA
Sulfide		350	7.00	24.0
Thallium		6	ND(1.10) J	ND(1.10) J
Tin		45000	ND(10.0)	ND(10.0)
Vanadium		520	10.0	6.60
Zinc		22000	76.0	43.0

TABLE E-127
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 2 (RA-2)

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

B - Analyte was also detected in the associated method blank.

J - Estimated Value.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated Maximum Possible Concentration

Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

J - Estimated Value.

TABLE E-128
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGS
RECREATIONAL AREA 2 (RA-2)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semi-volatile Organics			
2-Methylnaphthalene	0.12	55*	No
Acenaphthene	0.74	2,600	No
Acenaphthylene	1.2	55*	No
Anthracene	0.78	14,000	No
Benz(a)anthracene	1.7	0.56	Yes
Benz(a)pyrene	2.6	0.056	Yes
Benz(b)fluoranthene	3.2	0.56	Yes
Benz(g,h,i)perylene	2.7	55*	No
Benz(k)fluoranthene	1.8	5.6	No
bis(2-Ethylhexyl)phthalate	0.84	32	No
Butylbenzylphthalate	0.37	930	No
Chrysene	1.6	56	No
Dibenz(a,h)anthracene	0.66	0.056	Yes
Dibenzofuran	0.13	210	No
Di-n-Butylphthalate	0.18	5,500	No
Fluoranthene	3.6	2,000	No
Fluorene	0.37	1,800	No
Indeno(1,2,3-cd)pyrene	2.1	0.56	Yes
Naphthalene	0.14	55	No
Phenanthrene	2	55*	No
Pyrene	2.9	1,500	No
Inorganics			
Antimony	0.95	30	No
Arsenic	8.5	0.38	Yes
Barium	61	5,200	No
Beryllium	0.22	150	No
Cadmium	0.18	37	No
Chromium	10	210	No
Cobalt	10	3,300	No
Copper	62	2,800	No
Cyanide	0.7	11*	No
Lead	200	400	No
Mercury	0.13	22	No
Nickel	20	1,500	No
Selenium	0.6	370	No
Silver	0.13	370	No
Sulfide	24	350*	No
Vanadium	13	520	No
Zinc	92	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphthalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-129
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-2BB 0-0.5 01/19/95	SLB-2TB 0-0.5 10/11/95	RA-2-SB-3 0-1 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-9 0-1 06/10/03
Semivolatile Organics					
Benzo(a)anthracene	1.4	1.2	1.7	1.3	0.42
Benzo(a)pyrene	1.2	1.6	2.6	1.3	0.49
Benzo(b)fluoranthene	1.1	1.8	3.2	1.5	0.59
Dibenzo(a,h)anthracene	2.2	0.082	0.66	0.26	0.18
Indeno(1,2,3-cd)pyrene	2.2	0.39	2.1	0.89	0.37
Dioxins/Furans					
Total TEQs (WHO TEFs)	3.10E-06	--	3.10E-06	4.60E-05	2.60E-05
Inorganics					
Arsenic	1.60	--	4.80	2.90	8.50

Sample ID: Sample Depth(Feet): Date Collected:	RA-2-SB-11 0-1 06/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	0.47	N/A (See Note 5)	1.1	7	No
Benzo(a)pyrene	0.59	N/A (See Note 5)	1.3	2	No
Benzo(b)fluoranthene	0.78	N/A (See Note 5)	1.5	7	No
Dibenzo(a,h)anthracene	0.18	N/A (See Note 5)	0.59	0.7	No
Indeno(1,2,3-cd)pyrene	0.46	N/A (See Note 5)	1.1	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	1.80E-05	4.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	8.40	N/A (See Note 5)	5.24	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

**TABLE E-129A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 0- TO 3-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-2BB 0-0.5 01/19/95	SLB-2TB 0-0.5 10/11/95	RA-2-SB-3 0-1 06/10/03	RA-2-SB-6 0-1 06/10/03	RA-2-SB-9 0-1 06/10/03	RA-2-SB-11 0-1 06/10/03	RA-2-SB-3 1-3 06/10/03
Semivolatile Organics							
Benzo(a)anthracene	1.4	1.2	1.7	1.3	0.42	0.47	0.45
Benzo(a)pyrene	1.2	1.6	2.6	1.3	0.49	0.59	0.56
Benzo(b)fluoranthene	1.1	1.8	3.2	1.5	0.59	0.78	0.65
Dibenzo(a,h)anthracene	2.2	0.082	0.66	0.26	0.18	0.18	0.18
Indeno(1,2,3-cd)pyrene	2.2	0.39	2.1	0.89	0.37	0.46	0.40
Dioxins/Furans							
Total TEQs (WHO TEFs)	3.10E-06	--	3.10E-06	4.60E-05	2.60E-05	1.80E-05	3.80E-05
Inorganics							
Arsenic	1.60	--	4.80	2.90	8.50	8.40	6.50
	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 1-3 06/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	1.2	0.36	0.18	N/A (See Note 5)	0.87	7	No
Benzo(a)pyrene	1.2	0.51	0.18	N/A (See Note 5)	1.0	2	No
Benzo(b)fluoranthene	1.4	0.68	0.18	N/A (See Note 5)	1.2	7	No
Dibenzo(a,h)anthracene	0.28	0.19	0.18	N/A (See Note 5)	0.44	0.7	No
Indeno(1,2,3-cd)pyrene	0.77	0.40	0.18	N/A (See Note 5)	0.82	7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.30E-05	1.50E-06	8.00E-06	4.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	4.00	7.40	6.80	N/A (See Note 5)	5.66	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-130
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 2 (RA-2): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-2-SB-3 1-3 06/10/03	RA-2-SB-6 1-3 06/10/03	RA-2-SB-9 1-3 06/10/03	RA-2-SB-11 1-3 06/10/03
Semivolatile Organics				
Benzo(a)anthracene	0.45	1.2	0.36	0.18
Benzo(a)pyrene	0.56	1.2	0.51	0.18
Benzo(b)fluoranthene	0.65	1.4	0.68	0.18
Dibenzo(a,h)anthracene	0.18	0.28	0.19	0.18
Indeno(1,2,3-cd)pyrene	0.40	0.77	0.40	0.18
Dioxins/Furans				
Total TEQs (WHO TEFs)	3.80E-05	1.30E-05	1.50E-06	8.00E-06
Inorganics				
Arsenic	6.50	4.00	7.40	6.80
	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.55	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.61	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.73	7	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.21	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.44	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	3.80E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	6.18	20	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

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Recreational Area 3 (RA-3)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95	PDI RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	PDI RA-3-SB-1 RA-3-SB-1 1-3 06/10/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0073)	ND(0.0078)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0073)	ND(0.0078)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0073)	ND(0.0078)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0073)	ND(0.0078)
1,1-Dichloroethane		570	NA	NA	ND(0.0073)	ND(0.0078)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0073)	ND(0.0078)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0073)	ND(0.0078)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0073)	ND(0.0078)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0073)	ND(0.0078)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0073)	ND(0.0078)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0073)	ND(0.0078)
1,4-Dioxane		40	NA	NA	ND(0.15) J	ND(0.16) J
2-Butanone		6900	NA	NA	ND(0.015)	ND(0.016)
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0073)	ND(0.0078)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0073)	ND(0.0078)
2-Hexanone		750	NA	NA	ND(0.015)	ND(0.016)
3-Chloropropene		2700	NA	NA	ND(0.0073)	ND(0.0078)
4-Methyl-2-pentanone		750	NA	NA	ND(0.015)	ND(0.016)
Acetone		1400	NA	NA	ND(0.029)	ND(0.031)
Acetonitrile		200	NA	NA	ND(0.15) J	ND(0.16) J
Acrolein		0.1	NA	NA	ND(0.15) J	ND(0.16) J
Acrylonitrile		0.19	NA	NA	ND(0.0073)	ND(0.0078)
Benzene		0.62	NA	NA	ND(0.0073)	ND(0.0078)
Bromodichloromethane		0.98	NA	NA	ND(0.0073)	ND(0.0078)
Bromoform		56	NA	NA	ND(0.0073)	ND(0.0078)
Bromomethane		3.8	NA	NA	ND(0.0073)	ND(0.0078)
Carbon Disulfide		350	NA	NA	ND(0.0073) J	ND(0.0078) J
Carbon Tetrachloride		0.23	NA	NA	ND(0.0073)	ND(0.0078)
Chlorobenzene		54	NA	NA	ND(0.0073)	ND(0.0078)
Chloroethane		1600	NA	NA	ND(0.0073)	ND(0.0078)
Chloroform		0.24	NA	NA	ND(0.0073)	ND(0.0078)
Chloromethane		1.2	NA	NA	ND(0.0073)	ND(0.0078)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0073)	ND(0.0078)
Dibromochloromethane		5.3	NA	NA	ND(0.0073)	ND(0.0078)
Dibromomethane		550	NA	NA	ND(0.0073)	ND(0.0078)
Dichlorodifluoromethane		94	NA	NA	ND(0.0073)	ND(0.0078)
Ethyl Methacrylate		140	NA	NA	ND(0.0073)	ND(0.0078)
Ethylbenzene		230	NA	NA	ND(0.0073)	ND(0.0078)
Iodomethane		1.2	NA	NA	ND(0.0073)	ND(0.0078)
Isobutanol		10000	NA	NA	ND(0.15) J	ND(0.16) J
Methacrylonitrile		1.8	NA	NA	ND(0.0073)	ND(0.0078)
Methyl Methacrylate		2200	NA	NA	ND(0.0073)	ND(0.0078)
Methylene Chloride		8.5	NA	NA	ND(0.0073)	ND(0.0078)
Propionitrile		200	NA	NA	ND(0.015)	ND(0.016)
Styrene		1700	NA	NA	ND(0.0073)	ND(0.0078)
Tetrachloroethene		4.7	NA	NA	ND(0.0073)	ND(0.0078)
Toluene		520	NA	NA	ND(0.0073)	ND(0.0078)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0073)	ND(0.0078)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0073)	ND(0.0078)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0073)	ND(0.0078)
Trichloroethene		2.7	NA	NA	ND(0.0073)	ND(0.0078)
Trichlorofluoromethane		380	NA	NA	ND(0.0073)	ND(0.0078)
Vinyl Acetate		420	NA	NA	ND(0.0073)	ND(0.0078)
Vinyl Chloride		0.021	NA	NA	ND(0.0073)	ND(0.0078)
Xylenes (total)		210	NA	NA	ND(0.0073)	ND(0.0078)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95	PDI RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	PDI RA-3-SB-1 RA-3-SB-1 1-3 06/10/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,2,4-Trichlorobenzene		480	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,2-Dichlorobenzene		370	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,2-Diphenylhydrazine		0.56	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,3,5-Trinitrobenzene		1600	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,3-Dichlorobenzene		41	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,3-Dinitrobenzene		5.5	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
1,4-Dichlorobenzene		3	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
1,4-Naphthoquinone		55	ND(4.2)	ND(3.9)	ND(0.98) J	ND(5.2) J
1-Naphthylamine		Not Listed	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
2,3,4,6-Tetrachlorophenol		1600	ND(4.2)	ND(3.9)	ND(0.49) J	ND(5.2) J
2,4,5-Trichlorophenol		5500	ND(10)	ND(9.4)	ND(0.49)	ND(5.2)
2,4,6-Trichlorophenol		40	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2,4-Dichlorophenol		160	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2,4-Dimethylphenol		1100	ND(4.2)	0.70 J	ND(0.49)	ND(5.2)
2,4-Dinitrophenol		110	ND(10)	ND(9.4)	ND(2.5) J	ND(26) J
2,4-Dinitrotoluene		110	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2,6-Dichlorophenol		160	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2,6-Dinitrotoluene		55	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2-Acetylaminofluorene		0.56	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
2-Chloronaphthalene		3700	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2-Chlorophenol		59	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
2-Methylnaphthalene		55	0.72 J	0.46 J	ND(0.49)	ND(5.2)
2-Methylphenol		2700	1.5 J	0.41 J	ND(0.49)	ND(5.2)
2-Naphthylamine		Not Listed	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
2-Nitroaniline		3.3	ND(10)	ND(9.4)	ND(2.5)	ND(26)
2-Nitrophenol		Not Listed	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
2-Picoline		55	ND(4.2)	ND(7.8)	ND(0.49)	ND(5.2)
3&4-Methylphenol		270	ND(4.2)	0.52 J	ND(0.98)	ND(5.2)
3,3'-Dichlorobenzidine		0.99	ND(8.5)	ND(7.8)	ND(0.98)	ND(10)
3,3'-Dimethylbenzidine		0.048	ND(8.5)	ND(7.8)	ND(0.49)	ND(5.2)
3-Methylcholanthrene		0.056	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
3-Nitroaniline		5.5	ND(10)	ND(9.4)	ND(2.5)	ND(26)
4,6-Dinitro-2-methylphenol		55	ND(10)	ND(9.4)	ND(0.49) J	ND(5.2)
4-Aminobiphenyl		1400	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
4-Bromophenyl-phenylether		160	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
4-Chloro-3-Methylphenol		2700	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
4-Chloroaniline		220	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
4-Chlorobenzilate		1.6	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
4-Chlorophenyl-phenylether		Not Listed	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
4-Nitroaniline		5.5	ND(10)	ND(9.4)	ND(2.5)	ND(5.2)
4-Nitrophenol		3400	ND(10)	ND(9.4)	ND(2.5) J	ND(26) J
4-Nitroquinoline-1-oxide		110	ND(4.2)	ND(3.9)	ND(0.98) J	ND(5.2) J
4-Phenylenediamine		10000	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
5-Nitro-o-toluidine		13	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
7,12-Dimethylbenz(a)anthracene		0.056	ND(4.2)	ND(7.8)	ND(0.98)	ND(5.2)
a,a'-Dimethylphenethylamine		55	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
Acenaphthene		2600	3.0 J	2.0 J	ND(0.49)	38
Acenaphthylene		55	ND(4.2)	1.9 J	0.43 J	2.5 J
Acetophenone		0.49	1.7 JB	ND(3.9)	ND(0.49)	ND(5.2)
Aniline		78	12	6.7	ND(0.49)	9.5
Anthracene		14000	3.9 J	5.0	0.41 J	1.3 J
Aramite		18	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
Benzidine		0.0019	ND(4.2)	ND(3.9)	ND(0.98)	ND(10) J
Benzo(a)anthracene		0.56	8.0	14	1.4	4.4 J
Benzo(a)pyrene		0.056	7.2	16	1.5	5.6
Benzo(b)fluoranthene		0.56	9.3	17	1.9	8.4
Benzo(g,h,i)perylene		55	1.1 J	3.6 J	1.6	5.5
Benzo(k)fluoranthene		5.6	6.9	11	0.72	3.2 J

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-9 Bottom Bank SLB-9-BB 0-0.5 02/23/95	Historical SLB-9 Top Bank SLB-9-TB 0-0.5 10/11/95	PDI RA-3-SB-1 RA-3-SB-1 0-1 06/10/03	PDI RA-3-SB-1 RA-3-SB-1 1-3 06/10/03
Semivolatile Organics (continued)						
Benzyl Alcohol		16000	ND(4.2)	ND(3.9)	ND(0.98) J	ND(10)
bis(2-Chloroethoxy)methane		Not Listed	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
bis(2-Chloroethyl)ether		0.18	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
bis(2-Chloroisopropyl)ether		2.5	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
bis(2-Ethylhexyl)phthalate		32	ND(4.2)	ND(3.9)	0.29 J	ND(2.6)
Butylbenzylphthalate		930	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Chrysene		56	8.7	17	1.5	4.8 J
Diallate		7.3	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
Dibenzo(a,h)anthracene		0.056	2.1 J	ND(3.9)	0.40 J	ND(5.2)
Dibenzofuran		210	1.4 J	0.84 J	ND(0.49)	ND(5.2)
Diethylphthalate		44000	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Dimethylphthalate		100000	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Di-n-Butylphthalate		5500	1.5 J	2.9 JB	0.22 J	ND(5.2)
Di-n-Octylphthalate		1100	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Dinoseb		55	ND(4.2)	ND(3.9)	NA	NA
Diphenylamine		1400	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Ethyl Methanesulfonate		Not Listed	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Fluoranthene		2000	12	31	3.0	6.7
Fluorene		1800	2.6 J	1.8 J	0.13 J	ND(5.2)
Hexachlorobenzene		0.28	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Hexachlorobutadiene		5.7	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Hexachlorocyclopentadiene		380	ND(4.2)	ND(3.9)	ND(0.49) J	ND(5.2) J
Hexachloroethane		32	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Hexachlorophene		16	ND(21)	ND(19)	ND(0.98) J	ND(10) J
Hexachloropropene		Not Listed	ND(4.2)	ND(3.9)	ND(0.49) J	ND(5.2) J
Indeno(1,2,3-cd)pyrene		0.56	3.2 J	4.7	1.2	4.4 J
Isodrin		Not Listed	NA	NA	ND(0.49)	ND(5.2)
Isophorone		470	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Isosafrole		Not Listed	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
Methapyrene		55	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
Methyl Methanesulfonate		Not Listed	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Naphthalene		55	4.5	0.92 J	ND(0.49)	ND(5.2)
Nitrobenzene		16	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosodiethylamine		0.003	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosodimethylamine		0.0087	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitroso-di-n-butylamine		0.022	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
N-Nitroso-di-n-propylamine		0.063	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosodiphenylamine		91	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosomethylethylamine		0.02	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
N-Nitrosomorpholine		0.21	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosopiperidine		0.21	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
N-Nitrosopyrrolidine		0.21	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
o,o,o-Triethylphosphorothioate		11	NA	NA	ND(0.49)	ND(5.2)
o-Toluidine		1.9	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
p-Dimethylaminoazobenzene		0.99	ND(4.2)	ND(3.9)	ND(0.98)	ND(5.2)
Pentachlorobenzene		44	ND(4.2)	ND(3.9)	ND(0.49) J	ND(5.2) J
Pentachloroethane		2.8	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Pentachloronitrobenzene		1.7	ND(4.2)	ND(3.9)	ND(0.98) J	ND(5.2) J
Pentachlorophenol		2.5	ND(10)	ND(9.4)	ND(2.5)	ND(26)
Phenacetin		640	ND(8.5)	ND(7.8)	ND(0.98)	ND(5.2)
Phenanthrene		55	11	18	1.3	2.1 J
Phenol		33000	5.9	2.0 J	0.40 J	ND(5.2)
Pronamide		4100	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Pyrene		1500	14	21	2.8	12
Pyridine		55	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Safrole		Not Listed	ND(4.2)	ND(3.9)	ND(0.49)	ND(5.2)
Thionazin		330	NA	NA	ND(0.49)	ND(5.2)

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-E RA-3-SB-15-E 0-1 10/11/05	PDI RA-3-SB-15-E RA-3-SB-15-E 1-3 10/11/05	PDI RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	PDI RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics (continued)						
Benzyl Alcohol		16000	ND(9.2)	ND(8.0)	ND(15)	ND(14) [ND(14)]
bis(2-Chloroethoxy)methane		Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Chloroethyl)ether		0.18	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Chloroisopropyl)ether		2.5	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]
bis(2-Ethylhexyl)phthalate		32	4.4	ND(2.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Butylbenzylphthalate		930	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Chrysene		56	57	69	24	19 [23]
Diallate		7.3	ND(4.6)	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]
Dibenzo(a,h)anthracene		0.056	4.9	5.3	2.3 J	ND(7.0) [ND(7.0)]
Dibenzofuran		210	7.7	3.7 J	ND(7.3)	ND(7.0) [1.5 J]
Diethylphthalate		44000	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Dimethylphthalate		100000	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Di-n-Butylphthalate		5500	0.99 J	ND(4.0)	2.5 J	ND(7.0) [ND(7.0)]
Di-n-Octylphthalate		1100	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1400	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Ethyl Methanesulfonate		Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Fluoranthene		2000	120	120	45	27 [36]
Fluorene		1800	16	9.8	2.8 J	1.7 J [2.4 J]
Hexachlorobenzene		0.28	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorobutadiene		5.7	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorocyclopentadiene		380	ND(4.6) J	ND(4.0) J	ND(15)	ND(14) [ND(14)]
Hexachloroethane		32	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Hexachlorophene		16	ND(9.2) J	ND(8.0) J	ND(7.3) J	ND(7.0) J [ND(7.0) J]
Hexachloropropene		Not Listed	ND(4.6) J	ND(4.0)	ND(15)	ND(14) [ND(14)]
Indeno(1,2,3-cd)pyrene		0.56	18	18	15	12 [16]
Isodrin		Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Isophorone		470	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Isosafrole		Not Listed	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]
Methapyrilene		55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) J [ND(7.0) J]
Methyl Methanesulfonate		Not Listed	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Naphthalene		55	12	0.99 J	2.2 J	2.6 J [2.5 J]
Nitrobenzene		16	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodiethylamine		0.003	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodimethylamine		0.0087	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitroso-di-n-butylamine		0.022	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitroso-di-n-propylamine		0.063	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosodiphenylamine		91	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosomethylethylamine		0.02	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosomorpholine		0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosopiperidine		0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
N-Nitrosopyrrolidine		0.21	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
o,o,o-Triethylphosphorothioate		11	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
o-Toluidine		1.9	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
p-Dimethylaminoazobenzene		0.99	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachlorobenzene		44	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachloroethane		2.8	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachloronitrobenzene		1.7	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Pentachlorophenol		2.5	ND(23)	ND(20)	ND(36)	ND(35) [ND(35)]
Phenacetin		640	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Phenanthrene		55	83	69	32	24 [33]
Phenol		33000	ND(4.6)	ND(4.0)	5.0 J	ND(7.0) [ND(7.0)]
Pronamide		4100	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Pyrene		1500	130	120	54	32 [44]
Pyridine		55	ND(4.6)	ND(4.0)	ND(7.3)	ND(7.0) [ND(7.0)]
Safrole		Not Listed	ND(4.6) J	ND(4.0) J	ND(7.3)	ND(7.0) [ND(7.0)]
Thionazin		330	ND(4.6)	ND(4.0)	ND(15)	ND(14) [ND(14)]

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type:	EPA Region 9 Residential PRGs	PDI	PDI	PDI	PDI
	Location ID: Sample ID: Sample Depth(Feet): Date Collected:		RA-3-SB-15-E RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-E RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-EE RA-3-SB-15-EE 1-3 06/02/06
Furans						
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA	NA
Inorganics						
Antimony		30	NA	NA	NA	NA
Arsenic		0.38	NA	NA	NA	NA
Barium		5200	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA
Lead		400	NA	NA	NA	NA
Mercury		22	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Volatiles Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	NA	NA
1,1,1-Trichloroethane		680	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		0.36	NA	NA	NA	NA
1,1,2-Trichloroethane		0.82	NA	NA	NA	NA
1,1-Dichloroethane		570	NA	NA	NA	NA
1,1-Dichloroethene		0.052	NA	NA	NA	NA
1,2,3-Trichloropropane		0.0014	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		0.32	NA	NA	NA	NA
1,2-Dibromoethane		0.0049	NA	NA	NA	NA
1,2-Dichloroethane		0.34	NA	NA	NA	NA
1,2-Dichloropropane		0.34	NA	NA	NA	NA
1,4-Dioxane		40	NA	NA	NA	NA
2-Butanone		6900	NA	NA	NA	NA
2-Chloro-1,3-butadiene		3.6	NA	NA	NA	NA
2-Chloroethylvinylether		0.18	NA	NA	NA	NA
2-Hexanone		750	NA	NA	NA	NA
3-Chloropropene		2700	NA	NA	NA	NA
4-Methyl-2-pentanone		750	NA	NA	NA	NA
Acetone		1400	NA	NA	NA	NA
Acetonitrile		200	NA	NA	NA	NA
Acrolein		0.1	NA	NA	NA	NA
Acrylonitrile		0.19	NA	NA	NA	NA
Benzene		0.62	NA	NA	NA	NA
Bromodichloromethane		0.98	NA	NA	NA	NA
Bromoform		56	NA	NA	NA	NA
Bromomethane		3.8	NA	NA	NA	NA
Carbon Disulfide		350	NA	NA	NA	NA
Carbon Tetrachloride		0.23	NA	NA	NA	NA
Chlorobenzene		54	NA	NA	NA	NA
Chloroethane		1600	NA	NA	NA	NA
Chloroform		0.24	NA	NA	NA	NA
Chloromethane		1.2	NA	NA	NA	NA
cis-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
Dibromochloromethane		5.3	NA	NA	NA	NA
Dibromomethane		550	NA	NA	NA	NA
Dichlorodifluoromethane		94	NA	NA	NA	NA
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethylbenzene		230	NA	NA	NA	NA
Iodomethane		1.2	NA	NA	NA	NA
Isobutanol		10000	NA	NA	NA	NA
Methacrylonitrile		1.8	NA	NA	NA	NA
Methyl Methacrylate		2200	NA	NA	NA	NA
Methylene Chloride		8.5	NA	NA	NA	NA
Propionitrile		200	NA	NA	NA	NA
Styrene		1700	NA	NA	NA	NA
Tetrachloroethene		4.7	NA	NA	NA	NA
Toluene		520	NA	NA	NA	NA
trans-1,2-Dichloroethene		62	NA	NA	NA	NA
trans-1,3-Dichloropropene		Not Listed	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	NA	NA
Trichloroethene		2.7	NA	NA	NA	NA
Trichlorofluoromethane		380	NA	NA	NA	NA
Vinyl Acetate		420	NA	NA	NA	NA
Vinyl Chloride		0.021	NA	NA	NA	NA
Xylenes (total)		210	NA	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,2,4-Trichlorobenzene		480	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,2-Dichlorobenzene		370	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,2-Diphenylhydrazine		0.56	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,3,5-Trinitrobenzene		1600	ND(4.1) J	ND(3.8) J	ND(360)	ND(17)
1,3-Dichlorobenzene		41	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,3-Dinitrobenzene		5.5	ND(4.1) J	ND(3.8) J	ND(71)	ND(3.4)
1,4-Dichlorobenzene		3	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1,4-Naphthoquinone		55	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
1-Naphthylamine		Not Listed	ND(4.1)	ND(3.8)	ND(360)	ND(17)
2,3,4,6-Tetrachlorophenol		1600	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,4,5-Trichlorophenol		5500	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,4,6-Trichlorophenol		40	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,4-Dichlorophenol		160	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,4-Dimethylphenol		1100	ND(4.1) J	ND(3.8) J	ND(71)	23
2,4-Dinitrophenol		110	ND(20) J	ND(19) J	ND(360)	ND(17)
2,4-Dinitrotoluene		110	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,6-Dichlorophenol		160	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2,6-Dinitrotoluene		55	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2-Acetylaminofluorene		0.56	ND(4.1) J	ND(3.8) J	ND(140)	ND(6.9)
2-Chloronaphthalene		3700	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2-Chlorophenol		59	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2-Methylnaphthalene		55	ND(4.1)	11	34 J	ND(3.4)
2-Methylphenol		2700	ND(4.1)	ND(3.8)	ND(71)	4.1
2-Naphthylamine		Not Listed	ND(4.1) J	ND(3.8) J	ND(360)	ND(17)
2-Nitroaniline		3.3	ND(20) J	ND(19) J	ND(71)	ND(3.4)
2-Nitrophenol		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
2-Picoline		55	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
3&4-Methylphenol		270	ND(4.1)	ND(3.8)	ND(71)	18
3,3'-Dichlorobenzidine		0.99	ND(8.2)	ND(7.6)	ND(140)	ND(6.9)
3,3'-Dimethylbenzidine		0.048	ND(4.1)	ND(3.8)	ND(360)	ND(17)
3-Methylcholanthrene		0.056	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
3-Nitroaniline		5.5	ND(20)	ND(19)	ND(360) J	ND(17) J
4,6-Dinitro-2-methylphenol		55	ND(4.1)	ND(3.8)	ND(360)	ND(17)
4-Aminobiphenyl		1400	ND(4.1) J	ND(3.8) J	ND(71)	ND(3.4)
4-Bromophenyl-phenylether		160	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
4-Chloro-3-Methylphenol		2700	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
4-Chloroaniline		220	ND(4.1)	ND(3.8)	ND(360) J	ND(17) J
4-Chlorobenzilate		1.6	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
4-Chlorophenyl-phenylether		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
4-Nitroaniline		5.5	ND(4.1)	ND(3.8)	ND(360)	ND(17)
4-Nitrophenol		3400	ND(20)	ND(19)	ND(360)	ND(17)
4-Nitroquinoline-1-oxide		110	ND(4.1) J	ND(3.8) J	ND(360) J	ND(17) J
4-Phenylenediamine		10000	ND(4.1)	ND(3.8)	ND(140) J	ND(6.9)
5-Nitro-o-toluidine		13	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
7,12-Dimethylbenz(a)anthracene		0.056	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
a,a'-Dimethylphenethylamine		55	ND(4.1) J	ND(3.8) J	ND(360)	ND(17)
Acenaphthene		2600	ND(4.1)	21	76	1.9 J
Acenaphthylene		55	ND(4.1)	ND(3.8)	ND(71)	1.6 J
Acetophenone		0.49	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Aniline		78	ND(4.1) J	ND(3.8) J	ND(71)	11
Anthracene		14000	ND(4.1)	33	140	4.6
Aramite		18	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Benzidine		0.0019	ND(8.2) J	ND(7.6) J	ND(140) J	ND(6.9) J
Benzo(a)anthracene		0.56	1.5 J	47	160	13
Benzo(a)pyrene		0.056	1.2 J	28	120	11
Benzo(b)fluoranthene		0.56	1.4 J	24	120	13
Benzo(g,h,i)perylene		55	0.83 J	10	63 J	8.1
Benzo(k)fluoranthene		5.6	1.5 J	29	54 J	5.5

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Semivolatile Organics (continued)						
Benzyl Alcohol		16000	ND(8.2)	ND(7.6)	ND(140)	5.2 J
bis(2-Chloroethoxy)methane		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
bis(2-Chloroethyl)ether		0.18	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
bis(2-Chloroisopropyl)ether		2.5	ND(4.1) J	ND(3.8) J	ND(71)	ND(3.4)
bis(2-Ethylhexyl)phthalate		32	ND(2.0)	ND(1.9)	ND(71)	ND(3.4)
Butylbenzylphthalate		930	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Chrysene		56	1.9 J	42	130	14
Diallate		7.3	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Dibenzo(a,h)anthracene		0.056	ND(4.1)	4.8	ND(71)	1.7 J
Dibenzofuran		210	ND(4.1)	16	61 J	0.89 J
Diethylphthalate		44000	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Dimethylphthalate		100000	ND(4.1)	ND(3.8)	ND(71)	1.6 J
Di-n-Butylphthalate		5500	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Di-n-Octylphthalate		1100	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1400	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Ethyl Methanesulfonate		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Fluoranthene		2000	2.9 J	110	370	20
Fluorene		1800	ND(4.1)	17	79	1.5 J
Hexachlorobenzene		0.28	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Hexachlorobutadiene		5.7	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Hexachlorocyclopentadiene		380	ND(4.1) J	ND(3.8) J	ND(140)	ND(6.9)
Hexachloroethane		32	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Hexachlorophene		16	ND(8.2) J	ND(7.6) J	ND(71) J	ND(3.4) J
Hexachloropropene		Not Listed	ND(4.1) J	ND(3.8) J	ND(140)	ND(6.9)
Indeno(1,2,3-cd)pyrene		0.56	0.51 J	11	68 J	9.4
Isodrin		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Isophorone		470	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Isosafrole		Not Listed	ND(4.1) J	ND(3.8) J	ND(71)	ND(3.4)
Methapyrilene		55	ND(4.1)	ND(3.8)	ND(71) J	ND(3.4) J
Methyl Methanesulfonate		Not Listed	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Naphthalene		55	ND(4.1)	40	110	1.7 J
Nitrobenzene		16	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodiethylamine		0.003	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodimethylamine		0.0087	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitroso-di-n-butylamine		0.022	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitroso-di-n-propylamine		0.063	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosodiphenylamine		91	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosomethylethylamine		0.02	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosomorpholine		0.21	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosopiperidine		0.21	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
N-Nitrosopyrrolidine		0.21	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
o,o,o-Triethylphosphorothioate		11	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
o-Toluidine		1.9	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
p-Dimethylaminoazobenzene		0.99	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Pentachlorobenzene		44	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Pentachloroethane		2.8	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Pentachloronitrobenzene		1.7	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Pentachlorophenol		2.5	ND(20)	ND(19)	ND(360)	ND(17)
Phenacetin		640	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Phenanthrene		55	1.6 J	120	560	18
Phenol		33000	ND(4.1)	ND(3.8)	ND(71)	2.7 J
Pronamide		4100	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Pyrene		1500	3.4 J	110	390	22
Pyridine		55	ND(4.1)	ND(3.8)	ND(71)	ND(3.4)
Safrole		Not Listed	ND(4.1) J	ND(3.8) J	ND(71)	ND(3.4)
Thionazin		330	ND(4.1)	ND(3.8)	ND(140)	ND(6.9)

TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-3-SB-15-W RA-3-SB-15-W 0-1 10/11/05	PDI RA-3-SB-15-W RA-3-SB-15-W 1-3 10/11/05	PDI RA-3-SB-15-WW RA-3-SB-15-WW 1-3 06/02/06	PDI RA-3-SB-15-WWW RA-3-SB-15-WWW 1-3 06/02/06
Furans						
2,3,7,8-TCDF		Not Applicable	NA	NA	NA	NA
TCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
2,3,4,7,8-PeCDF		Not Applicable	NA	NA	NA	NA
PeCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Applicable	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Applicable	NA	NA	NA	NA
HxCDFs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Applicable	NA	NA	NA	NA
HpCDFs (total)		Not Applicable	NA	NA	NA	NA
OCDF		Not Applicable	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Applicable	NA	NA	NA	NA
TCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Applicable	NA	NA	NA	NA
PeCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Applicable	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Applicable	NA	NA	NA	NA
HxCDDs (total)		Not Applicable	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		Not Applicable	NA	NA	NA	NA
HpCDDs (total)		Not Applicable	NA	NA	NA	NA
OCDD		Not Applicable	NA	NA	NA	NA
Total TEQs (WHO TEFs)		Not Applicable	NA	NA	NA	NA
Inorganics						
Antimony		30	NA	NA	NA	NA
Arsenic		0.38	NA	NA	NA	NA
Barium		5200	NA	NA	NA	NA
Beryllium		150	NA	NA	NA	NA
Cadmium		37	NA	NA	NA	NA
Chromium		210	NA	NA	NA	NA
Cobalt		3300	NA	NA	NA	NA
Copper		2800	NA	NA	NA	NA
Cyanide		11	NA	NA	NA	NA
Lead		400	NA	NA	NA	NA
Mercury		22	NA	NA	NA	NA
Nickel		1500	NA	NA	NA	NA
Selenium		370	NA	NA	NA	NA
Silver		370	NA	NA	NA	NA
Sulfide		350	NA	NA	NA	NA
Thallium		6	NA	NA	NA	NA
Tin		45000	NA	NA	NA	NA
Vanadium		520	NA	NA	NA	NA
Zinc		22000	NA	NA	NA	NA

**TABLE E-131
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

**TABLE E-132
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 3 (RA-3)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Volatil Organic			
Acetone	0.044	1,400	No
Chlorobenzene	0.0085	54	No
Ethylbenzene	0.004	230	No
Semivolatil Organic			
1,2,4-Trichlorobenzene	0.52	480	No
1,4-Dichlorobenzene	0.53	3	No
2,4-Dimethylphenol	22	1,100	No
2-Chloronaphthalene	0.39	3,700	No
2-Methylnaphthalene	51	55*	No
2-Methylphenol	4.0	2,700	No
3&4-Methylphenol	18	270*	No
Acenaphthene	98	2,600	No
Acenaphthylene	4.9	55*	No
Acetophenone	1.7	0.49	Yes
Aniline	33	78	No
Anthracene	190	14,000	No
Benzo(a)anthracene	190	0.56	Yes
Benzo(a)pyrene	140	0.056	Yes
Benzo(b)fluoranthene	160	0.56	Yes
Benzo(g,h,i)perylene	86	55*	Yes
Benzo(k)fluoranthene	65	5.6	Yes
bis(2-Ethylhexyl)phthalate	4.4	32	No
Chrysene	170	56	Yes
Dibenzo(a,h)anthracene	36	0.056	Yes
Dibenzofuran	73	210	No
Di-n-Butylphthalate	2.9	5,500	No
Fluoranthene	570	2,000	No
Fluorene	100	1,800	No
Indeno(1,2,3-cd)pyrene	79	0.56	Yes
Naphthalene	160	55	Yes
Phenanthrene	780	55*	Yes
Phenol	5.9	33,000	No
Pyrene	550	1,500	No
Inorganics			
Antimony	6.5	30	No
Arsenic	31	0.38	Yes
Barium	150	5,200	No
Beryllium	0.3	150	No
Cadmium	13	37	No
Chromium	94	210	No
Cobalt	9.4	3,300	No
Copper	590	2,800	No
Cyanide	3.8	11*	No
Lead	580	400	Yes
Mercury	5.5	22	No
Nickel	59	1,500	No
Selenium	2	370	No
Silver	17	370	No
Sulfide	1,360	350*	Yes
Thallium	2	6	No
Tin	150	45,000	No
Vanadium	81.8	520	No
Zinc	2,400	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-133
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03
Semivolatile Organics						
Acetophenone	1.7	2.0	0.25	0.19	--	0.20
Benzo(a)anthracene	8.0	14	1.4	1.5	--	0.62
Benzo(a)pyrene	7.2	16	1.5	1.6	--	0.57
Benzo(b)fluoranthene	9.3	17	1.9	2.0	--	0.78
Benzo(g,h,i)perylene	1.1	3.6	1.6	1.4	--	0.53
Benzo(k)fluoranthene	6.9	11	0.72	0.73	--	0.25
Chrysene	8.7	17	1.5	1.6	--	0.70
Dibenzo(a,h)anthracene	2.1	2.0	0.40	0.40	--	0.20
Indeno(1,2,3-cd)pyrene	3.2	4.7	1.2	1.1	--	0.40
Naphthalene	4.5	0.92	0.25	0.19	--	0.20
Phenanthrene	11	18	1.3	0.86	--	0.76
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	--	3.30E-05	3.10E-05	--	1.80E-05
Inorganics						
Arsenic	5.30	--	4.60	4.10	--	8.50
Lead	294	--	130	31.0	401	170
Sulfide	1,360	--	9.40	38.0	--	15.0

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05
Semivolatile Organics						
Acetophenone	0.34	0.24	0.18	2.3	0.75	2.1
Benzo(a)anthracene	3.6	7.4	190	56	21	1.5
Benzo(a)pyrene	3.0	6.1	140	40	23	1.2
Benzo(b)fluoranthene	4.3	7.8	160	32	32	1.4
Benzo(g,h,i)perylene	2.6	4.3	86	18	13	0.83
Benzo(k)fluoranthene	1.6	2.9	65	38	9.5	1.5
Chrysene	5.5	8.0	170	57	22	1.9
Dibenzo(a,h)anthracene	0.39	1.1	36	4.9	3.2	2.05
Indeno(1,2,3-cd)pyrene	2.1	3.7	78	18	15	0.51
Naphthalene	0.74	0.90	130	12	2.0	2.1
Phenanthrene	3.8	9.4	570	83	37	1.6
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	7.00E-05	3.90E-06	--	--	--
Inorganics						
Arsenic	31.0	6.60	6.50	--	--	--
Lead	400	160	110	--	--	--
Sulfide	880	42.0	14.0	--	--	--

See Notes on Page 2

TABLE E-133
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Acetophenone	0.19	1.3	N/A (See Note 7)	0.42	Not Listed	Yes
Benzo(a)anthracene	4.5	42	N/A (See Note 7)	9.4	7	Yes
Benzo(a)pyrene	3.8	33	N/A (See Note 7)	7.6	2	Yes
Benzo(b)fluoranthene	4.4	37	N/A (See Note 7)	8.9	7	Yes
Benzo(g,h,i)perylene	3.0	18	N/A (See Note 7)	4.7	1,000	No
Benzo(k)fluoranthene	1.8	19	N/A (See Note 7)	4.2	70	No
Chrysene	4.3	40	N/A (See Note 7)	10	7	Yes
Dibenzo(a,h)anthracene	0.80	7.3	N/A (See Note 7)	1.6	0.7	Yes
Indeno(1,2,3-cd)pyrene	2.5	17	N/A (See Note 7)	4.3	7	No
Naphthalene	0.50	22	N/A (See Note 7)	4.0	40	No
Phenanthrene	5.8	104	N/A (See Note 7)	20	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 1)	--	2.50E-04	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	(See Note 1)	--	N/A (See Note 7)	9.51	20	No
Lead	(See Note 1)	--	N/A (See Note 7)	212	300	No
Sulfide	(See Note 1)	--	N/A (See Note 7)	337	633*	No

Notes:

- The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03
Semivolatile Organics							
Acetophenone	1.7	2.0	0.25	0.19	--	0.20	0.34
Benzo(a)anthracene	8.0	14	1.4	1.5	--	0.62	3.6
Benzo(a)pyrene	7.2	16	1.5	1.6	--	0.57	3.0
Benzo(b)fluoranthene	9.3	17	1.9	2.0	--	0.78	4.3
Benzo(g,h,i)perylene	1.1	3.6	1.6	1.4	--	0.53	2.6
Benzo(k)fluoranthene	6.9	11	0.72	0.73	--	0.25	1.6
Chrysene	8.7	17	1.5	1.6	--	0.70	5.5
Dibenzo(a,h)anthracene	2.1	2.0	0.40	0.40	--	0.20	0.39
Indeno(1,2,3-cd)pyrene	3.2	4.7	1.2	1.1	--	0.40	2.1
Naphthalene	4.5	0.92	0.25	0.19	--	0.20	0.74
Phenanthrene	11	18	1.3	0.86	--	0.76	3.8
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.50E-04	--	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04
Inorganics							
Arsenic	5.30	--	4.60	4.10	--	8.50	31.0
Lead	294	--	130	31.0	401	170	400
Sulfide	1,360	--	9.40	38.0	--	15.0	880

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)
Semivolatile Organics							
Acetophenone	0.24	0.18	2.3	0.75	2.1	0.19	1.3
Benzo(a)anthracene	7.4	190	56	21	1.5	4.5	42
Benzo(a)pyrene	6.1	140	40	23	1.2	3.8	33
Benzo(b)fluoranthene	7.8	160	32	32	1.4	4.4	37
Benzo(g,h,i)perylene	4.3	86	18	13	0.83	3.0	18
Benzo(k)fluoranthene	2.9	65	38	9.5	1.5	1.8	19
Chrysene	8.0	170	57	22	1.9	4.3	40
Dibenzo(a,h)anthracene	1.1	36	4.9	3.2	2.05	0.80	7.3
Indeno(1,2,3-cd)pyrene	3.7	78	18	15	0.51	2.5	17
Naphthalene	0.90	130	12	2.0	2.1	0.50	22
Phenanthrene	9.4	570	83	37	1.6	5.8	104
Dioxins/Furans							
Total TEQs (WHO TEFs)	7.00E-05	3.90E-06	--	--	--	(See Note 1)	--
Inorganics							
Arsenic	6.60	6.50	--	--	--	(See Note 1)	--
Lead	160	110	--	--	--	(See Note 1)	--
Sulfide	42.0	14.0	--	--	--	(See Note 1)	--

See Notes on Page 4

TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 4)	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03
Semivolatile Organics							
Acetophenone	2.6	0.20	0.18	1.0	--	0.19	0.20
Benzo(a)anthracene	4.4	0.13	0.18	1.6	--	0.15	0.20
Benzo(a)pyrene	5.6	0.13	0.18	2.0	--	0.15	0.20
Benzo(b)fluoranthene	8.4	0.12	0.18	2.9	--	0.20	0.20
Benzo(g,h,i)perylene	5.5	0.081	0.18	1.9	--	0.19	0.20
Benzo(k)fluoranthene	3.2	0.12	0.18	1.2	--	0.19	0.20
Chrysene	4.8	0.17	0.091	1.7	--	0.19	0.20
Dibenzo(a,h)anthracene	2.6	0.20	0.18	1.0	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	4.4	0.51	0.18	1.7	--	0.19	0.20
Naphthalene	2.6	0.20	0.18	1.0	--	0.19	0.20
Phenanthrene	2.1	0.16	0.18	0.8	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 3)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 3)	--	--	8.90	8.40
Lead	580	--	(See Note 3)	--	412	92.0	160
Sulfide	200	--	(See Note 3)	--	--	14.0	2.90

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-8 1-3 06/11/03	COMP-RA-3-SB-9 1-3 (See Note 5)	RA-3-SB-11 1-3 06/11/03
Semivolatile Organics						
Acetophenone	--	0.30	--	--	--	0.19
Benzo(a)anthracene	--	2.4	--	--	--	19
Benzo(a)pyrene	--	2.6	--	--	--	3.9
Benzo(b)fluoranthene	--	4.1	--	--	--	19
Benzo(g,h,i)perylene	--	2.0	--	--	--	9.7
Benzo(k)fluoranthene	--	1.6	--	--	--	7.0
Chrysene	--	3.7	--	--	--	19
Dibenzo(a,h)anthracene	--	0.30	--	--	--	0.89
Indeno(1,2,3-cd)pyrene	--	1.7	--	--	--	8.7
Naphthalene	--	0.62	--	--	--	2.1
Phenanthrene	--	0.30	--	--	--	32
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	2.00E-03	2.30E-06	1.20E-05	2.00E-03	1.60E-05
Inorganics						
Arsenic	--	10.0	--	--	--	9.05
Lead	1,050	380	--	--	--	123
Sulfide	--	1,300	--	--	--	5.85

See Notes on Page 4

TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06
Semivolatile Organics						
Acetophenone	0.18	2.0	0.70	0.22	1.9	9.0
Benzo(a)anthracene	150	78	19	1.7	47	180
Benzo(a)pyrene	120	46	22	1.6	28	140
Benzo(b)fluoranthene	92	36	28	2.2	24	140
Benzo(g,h,i)perylene	79	18	9.2	1.2	10	63
Benzo(k)fluoranthene	59	41	8.7	0.79	29	55
Chrysene	140	69	17	2.0	42	150
Dibenzo(a,h)anthracene	23	5.3	3.1	0.22	4.8	21
Indeno(1,2,3-cd)pyrene	64	18	12	1.1	11	79
Naphthalene	160	0.99	2.4	0.13	40	120
Phenanthrene	470	69	34	1.8	120	780
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-06	--	--	(See Note 1)	--	--
Inorganics						
Arsenic	8.10	--	--	(See Note 1)	--	--
Lead	76.0	--	--	(See Note 1)	--	--
Sulfide	63.0	--	--	(See Note 1)	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WWW 1-3 06/02/06	COMP-RA-3-SB-15 1-3 (See Note 6)	Maximum Sample Result	Arithmetic Average Concentration (See Note 9)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 10)	Constituent Exceeds Comparison Criteria? (See Note 11)
Semivolatile Organics						
Acetophenone	0.35	2.1	N/A (See Note 9)	2.67	Not Listed	Yes
Benzo(a)anthracene	12	70	N/A (See Note 11)	12	7	Yes
Benzo(a)pyrene	13	53	N/A (See Note 11)	9.0	2	Yes
Benzo(b)fluoranthene	15	48	N/A (See Note 11)	11	7	Yes
Benzo(g,h,i)perylene	5.8	27	N/A (See Note 11)	5.7	1,000	No
Benzo(k)fluoranthene	4.8	28	N/A (See Note 11)	5.3	70	No
Chrysene	11	62	N/A (See Note 11)	12	7	Yes
Dibenzo(a,h)anthracene	2.0	8.5	N/A (See Note 11)	1.7	0.7	Yes
Indeno(1,2,3-cd)pyrene	7.4	28	N/A (See Note 11)	5.5	7	No
Naphthalene	1.5	46	N/A (See Note 11)	6.2	40	No
Phenanthrene	22	214	N/A (See Note 11)	31	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	2.00E-03	N/A (See Note 11)	1.00E-03	Yes
Inorganics						
Arsenic	--	--	N/A (See Note 11)	9.20	20	No
Lead	--	--	N/A (See Note 11)	286	300	No
Sulfide	--	--	N/A (See Note 11)	303	633*	No

See Notes on Page 4

TABLE E-133A
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
3. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
4. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
5. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-3-SB-9-E (1-3'; 10/10/05), RA-3-SB-8 (1-3'; 6/11/03), and RA-3-SB-9 (1-3'; 6/11/03).
6. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-W (1-3'; 10/11/05), and RA-3-SB-15 (1-3'; 6/11/03).
7. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
8. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
9. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
10. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
11. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
12. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
13. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 2)	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03
Semivolatile Organics							
Acetophenone	2.6	0.20	0.18	1.0	--	0.19	0.20
Benzo(a)anthracene	4.4	0.13	0.18	1.6	--	0.15	0.20
Benzo(a)pyrene	5.6	0.13	0.18	2.0	--	0.15	0.20
Benzo(b)fluoranthene	8.4	0.12	0.18	2.9	--	0.20	0.20
Benzo(g,h,i)perylene	5.5	0.081	0.18	1.9	--	0.19	0.20
Benzo(k)fluoranthene	3.2	0.12	0.18	1.2	--	0.19	0.20
Chrysene	4.8	0.17	0.091	1.7	--	0.19	0.20
Dibenzo(a,h)anthracene	2.6	0.20	0.18	1.0	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	4.4	0.51	0.18	1.7	--	0.19	0.20
Naphthalene	2.6	0.20	0.18	1.0	--	0.19	0.20
Phenanthrene	2.1	0.16	0.18	0.8	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 1)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 1)	--	--	8.90	8.40
Lead	580	--	(See Note 1)	--	412	92.0	160
Sulfide	200	--	(See Note 1)	--	--	14.0	2.90

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-8-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-8 1-3 06/11/03	COMP-RA-3-SB-9 1-3 (See Note 3)	RA-3-SB-11 1-3 06/11/03
Semivolatile Organics						
Acetophenone	--	0.30	--	--	--	0.19
Benzo(a)anthracene	--	2.4	--	--	--	19
Benzo(a)pyrene	--	2.6	--	--	--	3.9
Benzo(b)fluoranthene	--	4.1	--	--	--	19
Benzo(g,h,i)perylene	--	2.0	--	--	--	9.7
Benzo(k)fluoranthene	--	1.6	--	--	--	7.0
Chrysene	--	3.7	--	--	--	19
Dibenzo(a,h)anthracene	--	0.30	--	--	--	0.89
Indeno(1,2,3-cd)pyrene	--	1.7	--	--	--	8.7
Naphthalene	--	0.62	--	--	--	2.1
Phenanthrene	--	0.30	--	--	--	32
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	2.00E-03	2.30E-06	1.20E-05	2.00E-03	1.60E-05
Inorganics						
Arsenic	--	10.0	--	--	--	9.05
Lead	1,050	380	--	--	--	123
Sulfide	--	1,300	--	--	--	5.85

See Notes on Page 3

**TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06
Semivolatile Organics						
Acetophenone	0.18	2.0	0.70	0.22	1.9	9.0
Benzo(a)anthracene	150	78	19	1.7	47	180
Benzo(a)pyrene	120	46	22	1.6	28	140
Benzo(b)fluoranthene	92	36	28	2.2	24	140
Benzo(g,h,i)perylene	79	18	9.2	1.2	10	63
Benzo(k)fluoranthene	59	41	8.7	0.79	29	55
Chrysene	140	69	17	2.0	42	150
Dibenzo(a,h)anthracene	23	5.3	3.1	0.22	4.8	21
Indeno(1,2,3-cd)pyrene	64	18	12	1.1	11	79
Naphthalene	160	0.99	2.4	0.13	40	120
Phenanthrene	470	69	34	1.8	120	780
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-06	--	--	(See Note 1)	--	--
Inorganics						
Arsenic	8.10	--	--	(See Note 1)	--	--
Lead	76.0	--	--	(See Note 1)	--	--
Sulfide	63.0	--	--	(See Note 1)	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WWW 1-3 06/02/06	COMP-RA-3-SB-15 1-3 (See Note 4)	Maximum Sample Result	Arithmetic Average Concentration (See Note 7)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 8)	Constituent Exceeds Comparison Criteria? (See Note 9)
Semivolatile Organics						
Acetophenone	0.35	2.1	N/A (See Note 9)	2.67	Not Listed	Yes
Benzo(a)anthracene	12	70	N/A (See Note 9)	15	7	Yes
Benzo(a)pyrene	13	53	N/A (See Note 9)	10.3	2	Yes
Benzo(b)fluoranthene	15	48	N/A (See Note 9)	12	7	Yes
Benzo(g,h,i)perylene	5.8	27	N/A (See Note 9)	6.8	1,000	No
Benzo(k)fluoranthene	4.8	28	N/A (See Note 9)	6.4	70	No
Chrysene	11	62	N/A (See Note 9)	14	7	Yes
Dibenzo(a,h)anthracene	2.0	8.5	N/A (See Note 9)	1.8	0.7	Yes
Indeno(1,2,3-cd)pyrene	7.4	28	N/A (See Note 9)	6.7	7	No
Naphthalene	1.5	46	N/A (See Note 9)	8.4	40	No
Phenanthrene	22	214	N/A (See Note 9)	41	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	2.00E-03	N/A (See Note 9)	1.50E-03	Yes
Inorganics						
Arsenic	--	--	N/A (See Note 9)	8.83	20	No
Lead	--	--	N/A (See Note 9)	359	300	Yes
Sulfide	--	--	N/A (See Note 9)	264	633*	No

See Notes on Page 3

TABLE E-134
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
3. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-3-SB-9-E (1-3'; 10/10/05), RA-3-SB-8 (1-3'; 6/11/03), and RA-3-SB-9 (1-3'; 6/11/03).
4. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-W (1-3'; 10/11/05), and RA-3-SB-15 (1-3'; 6/11/03).
5. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
6. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
7. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
8. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
9. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
10. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
11. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-135
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03
Semivolatile Organics						
Acetophenone	0.192	0.192	0.25	0.19	--	0.20
Benzo(a)anthracene	0.198	0.198	1.4	1.5	--	0.62
Benzo(a)pyrene	0.198	0.198	1.5	1.6	--	0.57
Benzo(b)fluoranthene	0.198	0.198	1.9	2.0	--	0.78
Benzo(g,h,i)perylene	0.198	0.198	1.6	1.4	--	0.53
Benzo(k)fluoranthene	0.198	0.198	0.72	0.73	--	0.25
Chrysene	0.198	0.198	1.5	1.6	--	0.70
Dibenzo(a,h)anthracene	0.256	0.256	0.40	0.40	--	0.20
Indeno(1,2,3-cd)pyrene	0.256	0.256	1.2	1.1	--	0.40
Naphthalene	0.198	0.198	0.25	0.19	--	0.20
Phenanthrene	0.198	0.198	1.3	0.86	--	0.76
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	--	3.30E-05	3.10E-05	--	1.80E-05
Inorganics						
Arsenic	5.30	--	4.60	4.10	--	8.50
Lead	294	--	130	31.0	401	170
Sulfide	1,360	--	9.40	38.0	--	15.0

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-9 0-1 06/11/03	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05
Semivolatile Organics						
Acetophenone	0.34	0.24	0.192	0.192	0.192	2.1
Benzo(a)anthracene	3.6	7.4	0.198	0.198	0.198	1.5
Benzo(a)pyrene	3.0	6.1	0.198	0.198	0.198	1.2
Benzo(b)fluoranthene	4.3	7.8	0.198	0.198	0.198	1.4
Benzo(g,h,i)perylene	2.6	4.3	0.198	0.198	0.198	0.83
Benzo(k)fluoranthene	1.6	2.9	0.198	0.198	0.198	1.5
Chrysene	5.5	8.0	0.198	0.198	0.198	1.9
Dibenzo(a,h)anthracene	0.39	1.1	0.256	0.256	0.256	2.05
Indeno(1,2,3-cd)pyrene	2.1	3.7	0.256	0.256	0.256	0.51
Naphthalene	0.74	0.90	0.198	0.198	0.198	2.1
Phenanthrene	3.8	9.4	0.198	0.198	0.198	1.6
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.50E-04	7.00E-05	3.90E-06	--	--	--
Inorganics						
Arsenic	31.0	6.60	6.50	--	--	--
Lead	400	160	110	--	--	--
Sulfide	880	42.0	14.0	--	--	--

See Notes on Page 2

TABLE E-135
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Comparison Criteria? (See Note 7)
Semivolatile Organics						
Acetophenone	0.19	0.46	N/A (See Note 7)	0.28	Not Listed	Yes
Benzo(a)anthracene	4.5	1.0	N/A (See Note 7)	2.6	7	No
Benzo(a)pyrene	3.8	0.86	N/A (See Note 7)	2.3	2	Yes
Benzo(b)fluoranthene	4.4	1.0	N/A (See Note 7)	3.0	7	No
Benzo(g,h,i)perylene	3.0	0.69	N/A (See Note 7)	1.9	1,000	No
Benzo(k)fluoranthene	1.8	0.61	N/A (See Note 7)	1.1	70	No
Chrysene	4.3	1.0	N/A (See Note 7)	3.1	7	No
Dibenzo(a,h)anthracene	0.80	0.59	N/A (See Note 7)	0.51	0.7	No
Indeno(1,2,3-cd)pyrene	2.5	0.61	N/A (See Note 7)	1.5	7	No
Naphthalene	0.50	0.51	N/A (See Note 7)	0.47	40	No
Phenanthrene	5.8	1.2	N/A (See Note 7)	2.9	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	(See Note 1)	--	2.50E-04	N/A (See Note 7)	1.00E-03	No
Inorganics						
Arsenic	(See Note 1)	--	N/A (See Note 7)	9.51	20	No
Lead	(See Note 1)	--	N/A (See Note 7)	212	300	No
Sulfide	(See Note 1)	--	N/A (See Note 7)	337	633*	No

Notes:

- The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
- The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/1/06).
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

TABLE E-135A
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-9BB 0-0.5 10/11/95	SLB-9TB 0-0.5 10/11/95	RA-3-SB-1 0-1 06/10/03	RA-3-SB-4 0-1 06/10/03	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8 0-1 06/11/03	RA-3-SB-9 0-1 06/11/03
Semivolatile Organics							
Acetophenone	0.192	0.192	0.25	0.19	--	0.20	0.34
Benzo(a)anthracene	0.198	0.198	1.4	1.5	--	0.62	3.6
Benzo(a)pyrene	0.198	0.198	1.5	1.6	--	0.57	3.0
Benzo(b)fluoranthene	0.198	0.198	1.9	2.0	--	0.78	4.3
Benzo(g,h,i)perylene	0.198	0.198	1.6	1.4	--	0.53	2.6
Benzo(k)fluoranthene	0.198	0.198	0.72	0.73	--	0.25	1.6
Chrysene	0.198	0.198	1.5	1.6	--	0.70	5.5
Dibenzo(a,h)anthracene	0.256	0.256	0.40	0.40	--	0.20	0.39
Indeno(1,2,3-cd)pyrene	0.256	0.256	1.2	1.1	--	0.40	2.1
Naphthalene	0.198	0.198	0.25	0.19	--	0.20	0.74
Phenanthrene	0.198	0.198	1.3	0.86	--	0.76	3.8
Dioxins/Furans							
Total TEQs (WHO TEFs)	2.50E-04	--	3.30E-05	3.10E-05	--	1.80E-05	2.50E-04
Inorganics							
Arsenic	5.30	--	4.60	4.10	--	8.50	31.0
Lead	294	--	130	31.0	401	170	400
Sulfide	1,360	--	9.40	38.0	--	15.0	880

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-11 0-1 06/11/03	RA-3-SB-15 0-1 06/11/03	RA-3-SB-15-E 0-1 10/11/05	RA-3-SB-15-EE 0-1 06/02/06	RA-3-SB-15-W 0-1 10/11/05	RA-4-SB-3 0-1 06/11/03	COMP-RA-3-SB-15 / SLB-9 0-1 (See Note 2)
Semivolatile Organics							
Acetophenone	0.24	0.192	0.192	0.192	2.1	0.19	0.46
Benzo(a)anthracene	7.4	0.198	0.198	0.198	1.5	4.5	1.0
Benzo(a)pyrene	6.1	0.198	0.198	0.198	1.2	3.8	0.86
Benzo(b)fluoranthene	7.8	0.198	0.198	0.198	1.4	4.4	1.0
Benzo(g,h,i)perylene	4.3	0.198	0.198	0.198	0.83	3.0	0.69
Benzo(k)fluoranthene	2.9	0.198	0.198	0.198	1.5	1.8	0.61
Chrysene	8.0	0.198	0.198	0.198	1.9	4.3	1.0
Dibenzo(a,h)anthracene	1.1	0.256	0.256	0.256	2.05	0.80	0.59
Indeno(1,2,3-cd)pyrene	3.7	0.256	0.256	0.256	0.51	2.5	0.61
Naphthalene	0.90	0.198	0.198	0.198	2.1	0.50	0.51
Phenanthrene	9.4	0.198	0.198	0.198	1.6	5.8	1.2
Dioxins/Furans							
Total TEQs (WHO TEFs)	7.00E-05	3.90E-06	--	--	--	(See Note 1)	--
Inorganics							
Arsenic	6.60	6.50	--	--	--	(See Note 1)	--
Lead	160	110	--	--	--	(See Note 1)	--
Sulfide	42.0	14.0	--	--	--	(See Note 1)	--

See Notes on Page 4

TABLE E-135A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-1 1-3 06/10/03	RA-3-SB-1-E 1-3 10/11/05	RA-2-SB-11 1-3 06/10/03	COMP-RA-3-SB-1 1-3 (See Note 4)	RA-3-SB-3 1-3 05/04/07	RA-3-SB-4 1-3 06/10/03	RA-3-SB-8 1-3 06/11/03
Semivolatile Organics							
Acetophenone	0.192	0.20	0.18	0.19	--	0.19	0.20
Benzo(a)anthracene	0.198	0.13	0.18	0.17	--	0.15	0.20
Benzo(a)pyrene	0.198	0.13	0.18	0.17	--	0.15	0.20
Benzo(b)fluoranthene	0.198	0.12	0.18	0.17	--	0.20	0.20
Benzo(g,h,i)perylene	0.198	0.081	0.18	0.15	--	0.19	0.20
Benzo(k)fluoranthene	0.198	0.12	0.18	0.17	--	0.19	0.20
Chrysene	0.198	0.17	0.091	0.15	--	0.19	0.20
Dibenzo(a,h)anthracene	0.256	0.20	0.18	0.21	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	0.256	0.51	0.18	0.32	--	0.19	0.20
Naphthalene	0.198	0.20	0.18	0.19	--	0.19	0.20
Phenanthrene	0.198	0.16	0.18	0.18	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 3)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 3)	--	--	8.90	8.40
Lead	580	--	(See Note 3)	--	412	92.0	160
Sulfide	200	--	(See Note 3)	--	--	14.0	2.90

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-3-S 1-3 05/01/07	RA-3-SB-9 1-3 06/11/03	RA-3-SB-9-E 1-3 10/10/05	RA-3-SB-8 1-3 06/11/03	COMP-RA-3-SB-9 1-3 (See Note 5)	RA-3-SB-11 1-3 06/11/03
Semivolatile Organics						
Acetophenone	--	0.30	--	--	--	0.19
Benzo(a)anthracene	--	2.4	--	--	--	19
Benzo(a)pyrene	--	2.6	--	--	--	3.9
Benzo(b)fluoranthene	--	4.1	--	--	--	19
Benzo(g,h,i)perylene	--	2.0	--	--	--	9.7
Benzo(k)fluoranthene	--	1.6	--	--	--	7.0
Chrysene	--	3.7	--	--	--	19
Dibenzo(a,h)anthracene	--	0.30	--	--	--	0.89
Indeno(1,2,3-cd)pyrene	--	1.7	--	--	--	8.7
Naphthalene	--	0.62	--	--	--	2.1
Phenanthrene	--	0.30	--	--	--	32
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	1.00E-06	2.30E-06	1.20E-05	1.20E-05	1.60E-05
Inorganics						
Arsenic	--	10.0	--	--	--	9.05
Lead	1,050	380	--	--	--	123
Sulfide	--	1,300	--	--	--	5.85

See Notes on Page 4

TABLE E-135A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06
Semivolatile Organics						
Acetophenone	0.192	0.192	0.192	0.22	0.192	0.192
Benzo(a)anthracene	0.198	0.198	0.198	1.7	0.198	0.198
Benzo(a)pyrene	0.198	0.198	0.198	1.6	0.198	0.198
Benzo(b)fluoranthene	0.198	0.198	0.198	2.2	0.198	0.198
Benzo(g,h,i)perylene	0.198	0.198	0.198	1.2	0.198	0.198
Benzo(k)fluoranthene	0.198	0.198	0.198	0.79	0.198	0.198
Chrysene	0.198	0.198	0.198	2.0	0.198	0.198
Dibenzo(a,h)anthracene	0.256	0.256	0.256	0.22	0.256	0.256
Indeno(1,2,3-cd)pyrene	0.256	0.256	0.256	1.1	0.256	0.256
Naphthalene	0.198	0.198	0.198	0.13	0.198	0.198
Phenanthrene	0.198	0.198	0.198	1.8	0.198	0.198
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-06	--	--	(See Note 1)	--	--
Inorganics						
Arsenic	8.10	--	--	(See Note 1)	--	--
Lead	76.0	--	--	(See Note 1)	--	--
Sulfide	63.0	--	--	(See Note 1)	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WWW 1-3 06/02/06	COMP-RA-3-SB-15 1-3 (See Note 6)	Maximum Sample Result	Arithmetic Average Concentration (See Note 9)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 10)	Constituent Exceeds Comparison Criteria? (See Note 11)
Semivolatile Organics						
Acetophenone	0.35	0.2	N/A (See Note 9)	0.25	Not Listed	Yes
Benzo(a)anthracene	12	2.1	N/A (See Note 11)	3.3	7	No
Benzo(a)pyrene	13	2.2	N/A (See Note 11)	1.9	2	No
Benzo(b)fluoranthene	15	2.6	N/A (See Note 11)	3.7	7	No
Benzo(g,h,i)perylene	5.8	1.1	N/A (See Note 11)	2.0	1,000	No
Benzo(k)fluoranthene	4.8	0.9	N/A (See Note 11)	1.4	70	No
Chrysene	11	2.0	N/A (See Note 11)	3.6	7	No
Dibenzo(a,h)anthracene	2.0	0.50	N/A (See Note 11)	0.45	0.7	No
Indeno(1,2,3-cd)pyrene	7.4	1.4	N/A (See Note 11)	1.8	7	No
Naphthalene	1.5	0.37	N/A (See Note 11)	0.54	40	No
Phenanthrene	22	3.5	N/A (See Note 11)	4.5	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	1.00E-03	N/A (See Note 11)	1.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 11)	9.20	20	No
Lead	--	--	N/A (See Note 11)	286	300	No
Sulfide	--	--	N/A (See Note 11)	303	633*	No

See Notes on Page 4

TABLE E-135A
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-4-SB-3 (0-1') are used to delineate sample location RA-3-SB-15-E to the east. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 4.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (0-1'; 10/11/05), RA-3-SB-15-W (0-1'; 10/11/05), SLB-9BB (0-0.5'; 10/11/95), SLB-9TB (0-0.5'; 10/11/05), RA-3-SB-15 (0-1'; 6/11/03), RA-4-SB-3 (0-1'; 6/11/03), and RA-3-SB-15-EE (0-1'; 6/11/06).
3. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
4. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
5. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-3-SB-9-E (1-3'; 10/10/05), RA-3-SB-8 (1-3'; 6/11/03), and RA-3-SB-9 (1-3'; 6/11/03).
6. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-W (1-3'; 10/11/05), and RA-3-SB-15 (1-3'; 6/11/03).
7. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
8. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
9. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
10. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
11. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
12. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
13. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
14. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

**TABLE E-136
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID:	RA-3-SB-1	RA-3-SB-1-E	RA-2-SB-11	COMP-RA-3-SB-1	RA-3-SB-3	RA-3-SB-4	RA-3-SB-8
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	06/10/03	10/11/05	06/10/03	(See Note 2)	05/04/07	06/10/03	06/11/03
Semivolatile Organics							
Acetophenone	0.192	0.20	0.18	0.19	--	0.19	0.20
Benzo(a)anthracene	0.198	0.13	0.18	0.17	--	0.15	0.20
Benzo(a)pyrene	0.198	0.13	0.18	0.17	--	0.15	0.20
Benzo(b)fluoranthene	0.198	0.12	0.18	0.17	--	0.20	0.20
Benzo(g,h,i)perylene	0.198	0.081	0.18	0.15	--	0.19	0.20
Benzo(k)fluoranthene	0.198	0.12	0.18	0.17	--	0.19	0.20
Chrysene	0.198	0.17	0.091	0.15	--	0.19	0.20
Dibenzo(a,h)anthracene	0.256	0.20	0.18	0.21	--	0.19	0.20
Indeno(1,2,3-cd)pyrene	0.256	0.51	0.18	0.32	--	0.19	0.20
Naphthalene	0.198	0.20	0.18	0.19	--	0.19	0.20
Phenanthrene	0.198	0.16	0.18	0.18	--	0.14	0.20
Dioxins/Furans							
Total TEQs (WHO TEFs)	1.00E-03	--	(See Note 1)	--	--	7.40E-06	1.20E-05
Inorganics							
Arsenic	8.50	--	(See Note 1)	--	--	8.90	8.40
Lead	580	--	(See Note 1)	--	412	92.0	160
Sulfide	200	--	(See Note 1)	--	--	14.0	2.90

Sample ID:	RA-3-SB-8-S	RA-3-SB-9	RA-3-SB-9-E	RA-3-SB-8	COMP-RA-3-SB-9	RA-3-SB-11
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	1-3
Date Collected:	05/01/07	06/11/03	10/10/05	06/11/03	(See Note 3)	06/11/03
Semivolatile Organics						
Acetophenone	--	0.30	--	--	--	0.19
Benzo(a)anthracene	--	2.4	--	--	--	19
Benzo(a)pyrene	--	2.6	--	--	--	3.9
Benzo(b)fluoranthene	--	4.1	--	--	--	19
Benzo(g,h,i)perylene	--	2.0	--	--	--	9.7
Benzo(k)fluoranthene	--	1.6	--	--	--	7.0
Chrysene	--	3.7	--	--	--	19
Dibenzo(a,h)anthracene	--	0.30	--	--	--	0.89
Indeno(1,2,3-cd)pyrene	--	1.7	--	--	--	8.7
Naphthalene	--	0.62	--	--	--	2.1
Phenanthrene	--	0.30	--	--	--	32
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	1.00E-06	2.30E-06	1.20E-05	1.20E-05	1.60E-05
Inorganics						
Arsenic	--	10.0	--	--	--	9.05
Lead	6.24	380	--	--	--	123
Sulfide	--	1,300	--	--	--	5.85

See Notes on Page 3

**TABLE E-136
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15 1-3 06/11/03	RA-3-SB-15-E 1-3 10/11/05	RA-3-SB-15-EE 1-3 06/02/06	RA-4-SB-3 1-3 06/11/03	RA-3-SB-15-W 1-3 10/11/05	RA-3-SB-15-WW 1-3 06/02/06
Semivolatile Organics						
Acetophenone	0.192	0.192	0.192	0.22	0.192	0.192
Benzo(a)anthracene	0.198	0.198	0.198	1.7	0.198	0.198
Benzo(a)pyrene	0.198	0.198	0.198	1.6	0.198	0.198
Benzo(b)fluoranthene	0.198	0.198	0.198	2.2	0.198	0.198
Benzo(g,h,i)perylene	0.198	0.198	0.198	1.2	0.198	0.198
Benzo(k)fluoranthene	0.198	0.198	0.198	0.79	0.198	0.198
Chrysene	0.198	0.198	0.198	2.0	0.198	0.198
Dibenzo(a,h)anthracene	0.256	0.256	0.256	0.22	0.256	0.256
Indeno(1,2,3-cd)pyrene	0.256	0.256	0.256	1.1	0.256	0.256
Naphthalene	0.198	0.198	0.198	0.13	0.198	0.198
Phenanthrene	0.198	0.198	0.198	1.8	0.198	0.198
Dioxins/Furans						
Total TEQs (WHO TEFs)	1.90E-06	--	--	(See Note 1)	--	--
Inorganics						
Arsenic	8.10	--	--	(See Note 1)	--	--
Lead	76.0	--	--	(See Note 1)	--	--
Sulfide	63.0	--	--	(See Note 1)	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-WWW 1-3 06/02/06	COMP-RA-3-SB-15 1-3 (See Note 4)	Maximum Sample Result	Arithmetic Average Concentration (See Note 7)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 8)	Constituent Exceeds Comparison Criteria? (See Note 9)
Semivolatile Organics						
Acetophenone	0.35	0.2	N/A (See Note 9)	0.21	Not Listed	Yes
Benzo(a)anthracene	12	2.1	N/A (See Note 9)	4.0	7	No
Benzo(a)pyrene	13	2.2	N/A (See Note 9)	1.5	2	No
Benzo(b)fluoranthene	15	2.6	N/A (See Note 9)	4.4	7	No
Benzo(g,h,i)perylene	5.8	1.1	N/A (See Note 9)	2.2	1,000	No
Benzo(k)fluoranthene	4.8	0.94	N/A (See Note 9)	1.7	70	No
Chrysene	11	2.0	N/A (See Note 9)	4.2	7	No
Dibenzo(a,h)anthracene	2.0	0.50	N/A (See Note 9)	0.38	0.7	No
Indeno(1,2,3-cd)pyrene	7.4	1.4	N/A (See Note 9)	2.1	7	No
Naphthalene	1.5	0.37	N/A (See Note 9)	0.61	40	No
Phenanthrene	22	3.5	N/A (See Note 9)	6.1	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	--	1.00E-03	N/A (See Note 9)	1.50E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 9)	8.83	20	No
Lead	--	--	N/A (See Note 9)	229	300	No
Sulfide	--	--	N/A (See Note 9)	264	633*	No

See Notes on Page 3

TABLE E-136
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 3 (RA-3): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for RA-2-SB-11 (1-3') and RA-4-SB-3 (1-3') are used to delineate sample RA-3-SB-1 (1-3') to the west and RA-3-SB-15 to the east, respectively. The Total TEQs and inorganic results are not presented herein as these results are included in the evaluation of Recreational Area 2.
2. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-1-E (1-3'; 10/11/05), RA-2-SB-11 (1-3'; 6/10/03), and RA-3-SB-1 (1-3'; 6/10/03).
3. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-3-SB-9-E (1-3'; 10/10/05), RA-3-SB-8 (1-3'; 6/11/03), and RA-3-SB-9 (1-3'; 6/11/03).
4. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): RA-3-SB-15-E (1-3'; 10/11/05), RA-3-SB-15-W (1-3'; 10/11/05), and RA-3-SB-15 (1-3'; 6/11/03).
5. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
6. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
7. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
8. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
9. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
10. Total TEQ concentrations in italics represent the maximum value for the sample location/depth increment in question.
11. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
12. * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.

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Recreational Area 4 (RA-4)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	NA	NA	ND(0.0055)	ND(0.0057)
1,1,1-Trichloroethane		680	NA	NA	ND(0.0055)	ND(0.0057)
1,1,2,2-Tetrachloroethane		0.36	NA	NA	ND(0.0055)	ND(0.0057)
1,1,2-Trichloroethane		0.82	NA	NA	ND(0.0055)	ND(0.0057)
1,1-Dichloroethane		570	NA	NA	ND(0.0055)	ND(0.0057)
1,1-Dichloroethene		0.052	NA	NA	ND(0.0055)	ND(0.0057)
1,2,3-Trichloropropane		0.0014	NA	NA	ND(0.0055)	ND(0.0057)
1,2-Dibromo-3-chloropropane		0.32	NA	NA	ND(0.0055)	ND(0.0057)
1,2-Dibromoethane		0.0049	NA	NA	ND(0.0055)	ND(0.0057)
1,2-Dichloroethane		0.34	NA	NA	ND(0.0055)	ND(0.0057)
1,2-Dichloropropane		0.34	NA	NA	ND(0.0055)	ND(0.0057)
1,4-Dioxane		40	NA	NA	ND(0.11) J	ND(0.11) J
2-Butanone		6900	NA	NA	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene		3.6	NA	NA	ND(0.0055)	ND(0.0057)
2-Chloroethylvinylether		0.18	NA	NA	ND(0.0055)	ND(0.0057)
2-Hexanone		750	NA	NA	ND(0.011)	ND(0.011)
3-Chloropropene		2700	NA	NA	ND(0.0055)	ND(0.0057)
4-Methyl-2-pentanone		750	NA	NA	ND(0.011)	ND(0.011)
Acetone		1400	NA	NA	ND(0.022)	ND(0.023)
Acetonitrile		200	NA	NA	ND(0.11) J	ND(0.11) J
Acrolein		0.1	NA	NA	ND(0.11) J	ND(0.11) J
Acrylonitrile		0.19	NA	NA	ND(0.0055)	ND(0.0057)
Benzene		0.62	NA	NA	ND(0.0055)	ND(0.0057)
Bromodichloromethane		0.98	NA	NA	ND(0.0055)	ND(0.0057)
Bromoform		56	NA	NA	ND(0.0055)	ND(0.0057)
Bromomethane		3.8	NA	NA	ND(0.0055)	ND(0.0057)
Carbon Disulfide		350	NA	NA	ND(0.0055) J	ND(0.0057) J
Carbon Tetrachloride		0.23	NA	NA	ND(0.0055)	ND(0.0057)
Chlorobenzene		54	NA	NA	ND(0.0055)	ND(0.0057)
Chloroethane		1600	NA	NA	ND(0.0055)	ND(0.0057)
Chloroform		0.24	NA	NA	ND(0.0055)	ND(0.0057)
Chloromethane		1.2	NA	NA	ND(0.0055)	ND(0.0057)
cis-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0055)	ND(0.0057)
Dibromochloromethane		5.3	NA	NA	ND(0.0055)	ND(0.0057)
Dibromomethane		550	NA	NA	ND(0.0055)	ND(0.0057)
Dichlorodifluoromethane		94	NA	NA	ND(0.0055)	ND(0.0057)
Ethyl Methacrylate		140	NA	NA	ND(0.0055)	ND(0.0057)
Ethylbenzene		230	NA	NA	ND(0.0055)	ND(0.0057)
Iodomethane		1.2	NA	NA	ND(0.0055) J	ND(0.0057) J
Isobutanol		10000	NA	NA	ND(0.11) J	ND(0.11) J
Methacrylonitrile		1.8	NA	NA	ND(0.0055)	ND(0.0057)
Methyl Methacrylate		2200	NA	NA	ND(0.0055)	ND(0.0057)
Methylene Chloride		8.5	NA	NA	ND(0.0055)	ND(0.0057)
Propionitrile		200	NA	NA	ND(0.011)	ND(0.011)
Styrene		1700	NA	NA	ND(0.0055)	ND(0.0057)
Tetrachloroethene		4.7	NA	NA	ND(0.0055)	ND(0.0057)
Toluene		520	NA	NA	ND(0.0055)	ND(0.0057)
trans-1,2-Dichloroethene		62	NA	NA	ND(0.0055)	ND(0.0057)
trans-1,3-Dichloropropene		Not Listed	NA	NA	ND(0.0055)	ND(0.0057)
trans-1,4-Dichloro-2-butene		Not Listed	NA	NA	ND(0.0055)	ND(0.0057)
Trichloroethene		2.7	NA	NA	ND(0.0055)	ND(0.0057)
Trichlorofluoromethane		380	NA	NA	ND(0.0055)	ND(0.0057)
Vinyl Acetate		420	NA	NA	ND(0.0055)	ND(0.0057)
Vinyl Chloride		0.021	NA	NA	ND(0.0055)	ND(0.0057)
Xylenes (total)		210	NA	NA	ND(0.0055)	ND(0.0057)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,2,4-Trichlorobenzene		480	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,2-Dichlorobenzene		370	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,2-Diphenylhydrazine		0.56	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,3,5-Trinitrobenzene		1600	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,3-Dichlorobenzene		41	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,3-Dinitrobenzene		5.5	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
1,4-Dichlorobenzene		3	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
1,4-Naphthoquinone		55	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74) J	ND(0.77) J
1-Naphthylamine		Not Listed	ND(49)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
2,3,4,6-Tetrachlorophenol		1600	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2,4,5-Trichlorophenol		5500	ND(20)	ND(0.96) [ND(0.96)]	ND(0.37)	ND(0.44)
2,4,6-Trichlorophenol		40	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2,4-Dichlorophenol		160	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2,4-Dimethylphenol		1100	NA	ND(0.40) [ND(0.40)]	ND(0.37)	0.28 J
2,4-Dinitrophenol		110	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9) J	ND(2.2) J
2,4-Dinitrotoluene		110	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2,6-Dichlorophenol		160	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2,6-Dinitrotoluene		55	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2-Acetylaminofluorene		0.56	ND(4.1)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
2-Chloronaphthalene		3700	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2-Chlorophenol		59	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2-Methylnaphthalene		55	ND(4.1)	ND(0.40) [0.043 J]	0.28 J	0.12 J
2-Methylphenol		2700	3.2 J	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
2-Naphthylamine		Not Listed	ND(70)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
2-Nitroaniline		3.3	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9)	ND(2.2)
2-Nitrophenol		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
2-Picoline		55	ND(29)	ND(0.80) [ND(0.80)]	ND(0.37)	ND(0.44)
3&4-Methylphenol		270	2.5 J	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
3,3'-Dichlorobenzidine		0.99	ND(8.1)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.88)
3,3'-Dimethylbenzidine		0.048	ND(33)	ND(0.80) [ND(0.80)]	ND(0.37)	ND(0.44)
3-Methylcholanthrene		0.056	ND(12)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
3-Nitroaniline		5.5	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9)	ND(2.2)
4,6-Dinitro-2-methylphenol		55	ND(20)	ND(0.96) [ND(0.96)]	ND(0.37)	ND(0.44)
4-Aminobiphenyl		1400	ND(20)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
4-Bromophenyl-phenylether		160	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
4-Chloro-3-Methylphenol		2700	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
4-Chloroaniline		220	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
4-Chlorobenzilate		1.6	ND(4.1)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
4-Chlorophenyl-phenylether		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
4-Methylphenol		270	1.5 J	NA	NA	NA
4-Nitroaniline		5.5	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9)	ND(1.9)
4-Nitrophenol		3400	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9) J	ND(2.2) J
4-Nitroquinoline-1-oxide		110	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74) J	ND(0.77) J
4-Phenylenediamine		10000	ND(20)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
5-Nitro-o-toluidine		13	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		0.056	ND(8.2)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
a,a'-Dimethylphenethylamine		55	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
Acenaphthene		2600	ND(4.1)	ND(0.40) [0.056 J]	1.0	ND(0.44)
Acenaphthylene		55	0.79 J	0.22 J [0.31 J]	1.3	1.1
Acetophenone		0.49	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Aniline		78	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Anthracene		14000	0.80 J	0.13 J [0.24 J]	1.8	0.59
Aramite		18	ND(4.1)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
Benzidine		0.0019	ND(20)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.88)
Benzo(a)anthracene		0.56	1.9 J	0.65 [1.1]	4.5	1.7
Benzo(a)pyrene		0.056	1.8 J	0.96 [1.4]	3.8	1.6
Benzo(b)fluoranthene		0.56	1.6 J	0.99 [1.5]	4.4	2.2
Benzo(g,h,i)perylene		55	1.6 J	0.26 J [0.33 J]	3.0	1.2

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	1.7 J	0.92 [1.3]	1.8	0.79
Benzoic Acid		100000	ND(20)	NA	NA	NA
Benzyl Alcohol		16000	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.88)
bis(2-Chloroethoxy)methane		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
bis(2-Chloroethyl)ether		0.18	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
bis(2-Chloroisopropyl)ether		2.5	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
bis(2-Ethylhexyl)phthalate		32	ND(4.1)	0.12 J [0.11 J]	ND(0.36)	ND(0.38)
Butylbenzylphthalate		930	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Chrysene		56	2.1 J	0.86 [1.3]	4.3	2.0
Diallate		7.3	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
Dibenzo(a,h)anthracene		0.056	ND(4.1)	ND(0.40) [ND(0.40)]	0.80	ND(0.44)
Dibenzofuran		210	ND(4.1)	ND(0.40) [ND(0.40)]	0.41	ND(0.44)
Diethylphthalate		44000	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Dimethylphthalate		100000	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Di-n-Butylphthalate		5500	0.80 JB	0.14 JB [0.12 JB]	0.51	ND(0.44)
Di-n-Octylphthalate		1100	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Dinoseb		55	ND(8.2)	ND(0.40) [ND(0.40)]	NA	NA
Diphenylamine		1400	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Ethyl Methacrylate		140	ND(8.2)	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Fluoranthene		2000	3.4 J	1.2 [1.8]	9.7	3.4
Fluorene		1800	ND(4.1)	ND(0.40) [0.044 J]	0.89	0.26 J
Hexachlorobenzene		0.28	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Hexachlorobutadiene		5.7	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Hexachlorocyclopentadiene		380	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37) J	ND(0.44) J
Hexachloroethane		32	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Hexachlorophene		16	ND(20)	ND(2.0) [ND(2.0)]	ND(0.74) J	ND(0.88) J
Hexachloropropene		Not Listed	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.37) J	ND(0.44) J
Indeno(1,2,3-cd)pyrene		0.56	1.3 J	0.31 J [0.40]	2.5	1.1
Isodrin		Not Listed	ND(4.1)	NA	ND(0.37)	ND(0.44)
Isophorone		470	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Isosafrole		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
Methapyrilene		55	ND(16)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
Methyl Methanesulfonate		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Naphthalene		55	1.8 J	0.047 J [0.070 J]	0.50	0.13 J
Nitrobenzene		16	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitrosodiethylamine		0.003	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitrosodimethylamine		0.0087	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitroso-di-n-butylamine		0.022	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
N-Nitroso-di-n-propylamine		0.063	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitrosodiphenylamine		91	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitrosomethylethylamine		0.02	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
N-Nitrosomorpholine		0.21	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
N-Nitrosopiperidine		0.21	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37) J	ND(0.44) J
N-Nitrosopyrrolidine		0.21	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
o,o,o-Triethylphosphorothioate		11	ND(4.1)	NA	ND(0.37)	ND(0.44)
o-Toluidine		1.9	1.6 J	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
p-Dimethylaminoazobenzene		0.99	ND(12)	ND(0.40) [ND(0.40)]	ND(0.74)	ND(0.77)
Pentachlorobenzene		44	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Pentachloroethane		2.8	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Pentachloronitrobenzene		1.7	ND(8.2)	ND(0.40) [ND(0.40)]	ND(0.74) J	ND(0.77) J
Pentachlorophenol		2.5	ND(20)	ND(0.96) [ND(0.96)]	ND(1.9)	ND(2.2)
Phenacetin		640	ND(4.1)	ND(0.80) [ND(0.80)]	ND(0.74)	ND(0.77)
Phenanthrene		55	1.9 J	0.46 [0.80]	5.8	1.8
Phenol		33000	9.6	ND(0.40) [ND(0.40)]	ND(0.37)	0.67
Pronamide		4100	ND(12)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Pyrene		1500	3.0 J	0.89 [1.4]	8.4	3.3
Pyridine		55	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	Historical SLB-4 Bottom Bank SLB-4-BB 0-0.5 01/19/95	Historical SLB-4 Top Bank SLB-4-TB 0-0.5 10/11/95	PDI RA-4-SB-3 RA-4-SB-3 0-1 06/11/03	PDI RA-4-SB-3 RA-4-SB-3 1-3 06/11/03
Semivolatile Organics (continued)						
Safrole		Not Listed	ND(4.1)	ND(0.40) [ND(0.40)]	ND(0.37)	ND(0.44)
Sulfotep		27	ND(4.1)	NA	NA	NA
Thionazin		330	ND(4.1)	NA	ND(0.37) J	ND(0.44) J
Furans						
2,3,7,8-TCDF		Not Applicable	0.00051 Y	NA	0.00053 Y	0.00073 Y
TCDFs (total)		Not Applicable	0.0016	NA	0.00049 I	0.00081 I
1,2,3,7,8-PeCDF		Not Applicable	0.00026	NA	0.000022	0.000039
2,3,4,7,8-PeCDF		Not Applicable	0.00021	NA	0.000023	0.000035
PeCDFs (total)		Not Applicable	0.00050	NA	0.00038 I	0.00090 I
1,2,3,4,7,8-HxCDF		Not Applicable	0.00041	NA	0.000041	0.000065
1,2,3,6,7,8-HxCDF		Not Applicable	0.00024	NA	0.000027	0.000047
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000028)	NA	ND(0.0000032)	0.000023
2,3,4,6,7,8-HxCDF		Not Applicable	0.00012	NA	0.000014	0.000019
HxCDFs (total)		Not Applicable	0.00042	NA	0.00040 I	0.00073 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00048	NA	0.000089 J	0.00010 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000094	NA	0.000012	0.000019
HpCDFs (total)		Not Applicable	0.0012	NA	0.00020 J	0.00023 J
OCDF		Not Applicable	0.00044	NA	0.000054	0.000055
Dioxins						
2,3,7,8-TCDD		Not Applicable	0.000022 J	NA	ND(0.0000039)	ND(0.0000064)
TCDDs (total)		Not Applicable	0.000027	NA	0.000010	0.000042
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000069) X	NA	ND(0.000020)	ND(0.0000042)
PeCDDs (total)		Not Applicable	ND(0.000018)	NA	ND(0.000058)	ND(0.000040)
1,2,3,4,7,8-HxCDD		Not Applicable	0.000018	NA	0.000013	0.000030
1,2,3,6,7,8-HxCDD		Not Applicable	0.000040	NA	0.000027	ND(0.000010)
1,2,3,7,8,9-HxCDD		Not Applicable	0.000036	NA	0.000024	ND(0.000010)
HxCDDs (total)		Not Applicable	0.00034	NA	0.00012	0.00017
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00068	NA	0.00030	0.00013
HpCDDs (total)		Not Applicable	0.0012	NA	0.00050	0.00025
OCDD		Not Applicable	0.0037 E	NA	0.0016	0.00052
Total TEQs (WHO TEFs)		Not Applicable	0.00027	NA	0.000038	0.000042
Inorganics						
Aluminum		75000	7290	NA	NA	NA
Antimony		30	ND(6.20)	NA	ND(6.00)	1.10 B
Arsenic		0.38	6.20	NA	7.50	7.00
Barium		5200	32.8	NA	46.0	82.0
Beryllium		150	0.220 B	NA	0.250 B	0.270 B
Cadmium		37	0.870	NA	0.0840 B	0.260 B
Calcium		Not Listed	22400	NA	NA	NA
Chromium		210	17.0	NA	7.40	6.90
Cobalt		3300	7.30	NA	7.20	12.0
Copper		2800	141	NA	34.0	39.0
Cyanide		11	ND(0.610)	NA	0.200 J	0.210 J
Iron		22000	28600	NA	NA	NA
Lead		400	357	NA	61.0 J	65.0 J
Magnesium		Not Listed	12600	NA	NA	NA
Manganese		3100	437	NA	NA	NA
Mercury		22	0.790	NA	0.280	0.570
Nickel		1500	26.4	NA	15.0 J	13.0 J
Potassium		Not Listed	535 B	NA	NA	NA
Selenium		370	0.290 B	NA	0.690 J	ND(1.00) J
Silver		370	1.20	NA	ND(1.00)	0.500 B
Sodium		Not Listed	92.4 B	NA	NA	NA
Sulfide		350	NA	NA	19.0	26.0
Thallium		6	ND(0.240)	NA	ND(1.10) J	ND(1.10) J
Tin		45000	NA	NA	ND(10.0)	ND(10.0)
Vanadium		520	26.4	NA	16.0	8.50
Zinc		22000	221	NA	87.0	62.0

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,1,1-Trichloroethane		680	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,1,2-Trichloroethane		0.82	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,1-Dichloroethane		570	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,1-Dichloroethene		0.052	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,2,3-Trichloropropane		0.0014	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,2-Dibromoethane		0.0049	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,2-Dichloroethane		0.34	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,2-Dichloropropane		0.34	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
1,4-Dioxane		40	ND(0.12) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		6900	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
2-Chloroethylvinylether		0.18	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
2-Hexanone		750	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)
3-Chloropropene		2700	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)
Acetone		1400	ND(0.024)	ND(0.022)	ND(0.025)	ND(0.023)
Acetonitrile		200	ND(0.12) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrolein		0.1	ND(0.12) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Benzene		0.62	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Bromodichloromethane		0.98	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Bromoform		56	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Bromomethane		3.8	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Carbon Disulfide		350	ND(0.0061) J	ND(0.0054) J	ND(0.0062) J	ND(0.0058) J
Carbon Tetrachloride		0.23	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Chlorobenzene		54	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Chloroethane		1600	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Chloroform		0.24	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Chloromethane		1.2	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Dibromochloromethane		5.3	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Dibromomethane		550	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Dichlorodifluoromethane		94	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Ethyl Methacrylate		140	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Ethylbenzene		230	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Iodomethane		1.2	ND(0.0061) J	ND(0.0054) J	ND(0.0062) J	ND(0.0058) J
Isobutanol		10000	ND(0.12) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Methyl Methacrylate		2200	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Methylene Chloride		8.5	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Propionitrile		200	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.012)
Styrene		1700	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Tetrachloroethene		4.7	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Toluene		520	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
trans-1,2-Dichloroethene		62	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Trichloroethene		2.7	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Trichlorofluoromethane		380	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Vinyl Acetate		420	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Vinyl Chloride		0.021	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)
Xylenes (total)		210	ND(0.0061)	ND(0.0054)	ND(0.0062)	ND(0.0058)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,2,4-Trichlorobenzene		480	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,2-Dichlorobenzene		370	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,2-Diphenylhydrazine		0.56	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,3,5-Trinitrobenzene		1600	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,3-Dichlorobenzene		41	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,3-Dinitrobenzene		5.5	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
1,4-Dichlorobenzene		3	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
1,4-Naphthoquinone		55	ND(0.82) J	ND(0.73) J	ND(0.84) J	ND(0.77) J
1-Naphthylamine		Not Listed	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
2,3,4,6-Tetrachlorophenol		1600	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,4,5-Trichlorophenol		5500	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,4,6-Trichlorophenol		40	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,4-Dichlorophenol		160	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,4-Dimethylphenol		1100	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,4-Dinitrophenol		110	ND(2.1) J	ND(1.8) J	ND(2.3) J	ND(2.0) J
2,4-Dinitrotoluene		110	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,6-Dichlorophenol		160	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2,6-Dinitrotoluene		55	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2-Acetylaminofluorene		0.56	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
2-Chloronaphthalene		3700	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2-Chlorophenol		59	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
2-Methylnaphthalene		55	ND(0.41)	ND(0.36)	0.27 J	ND(0.38)
2-Methylphenol		2700	ND(0.41)	ND(0.36)	ND(0.46)	0.21 J
2-Naphthylamine		Not Listed	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
2-Nitroaniline		3.3	ND(2.1)	ND(1.8)	ND(2.3)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
2-Picoline		55	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
3&4-Methylphenol		270	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
3,3'-Dichlorobenzidine		0.99	ND(0.82)	ND(0.73)	ND(0.92)	ND(0.77)
3,3'-Dimethylbenzidine		0.048	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
3-Methylcholanthrene		0.056	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
3-Nitroaniline		5.5	ND(2.1)	ND(1.8)	ND(2.3)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
4-Aminobiphenyl		1400	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
4-Bromophenyl-phenylether		160	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
4-Chloro-3-Methylphenol		2700	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
4-Chloroaniline		220	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
4-Chlorobenzilate		1.6	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
4-Chlorophenyl-phenylether		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
4-Methylphenol		270	NA	NA	NA	NA
4-Nitroaniline		5.5	ND(2.1)	ND(1.8)	ND(2.1)	ND(2.0)
4-Nitrophenol		3400	ND(2.1) J	ND(1.8) J	ND(2.3) J	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(0.82) J	ND(0.73) J	ND(0.84) J	ND(0.77) J
4-Phenylenediamine		10000	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
5-Nitro-o-toluidine		13	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
a,a'-Dimethylphenethylamine		55	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Acenaphthene		2600	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Acenaphthylene		55	0.17 J	0.91	2.0	0.31 J
Acetophenone		0.49	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Aniline		78	ND(0.41)	ND(0.36)	1.1	ND(0.38)
Anthracene		14000	ND(0.41)	0.52	1.5	0.12 J
Aramite		18	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Benzidine		0.0019	ND(0.82)	ND(0.73)	ND(0.92)	ND(0.77)
Benzo(a)anthracene		0.56	ND(0.41)	1.4	3.6	0.22 J
Benzo(a)pyrene		0.056	ND(0.41)	1.6	4.0	0.30 J
Benzo(b)fluoranthene		0.56	ND(0.41)	2.1	5.3	0.35 J
Benzo(g,h,i)perylene		55	ND(0.41)	1.5	4.4	0.33 J

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth (Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03
Semivolatile Organics (continued)						
Benzo(k)fluoranthene		5.6	ND(0.41)	0.87	2.0	0.13 J
Benzoic Acid		100000	NA	NA	NA	NA
Benzyl Alcohol		16000	ND(0.82)	ND(0.73)	ND(0.92)	ND(0.77)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
bis(2-Chloroethyl)ether		0.18	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
bis(2-Chloroisopropyl)ether		2.5	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
bis(2-Ethylhexyl)phthalate		32	ND(0.40)	ND(0.36)	ND(0.41)	ND(0.38)
Butylbenzylphthalate		930	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Chrysene		56	ND(0.41)	1.5	4.3	0.25 J
Diallate		7.3	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Dibenzo(a,h)anthracene		0.056	ND(0.41)	0.43	0.99	ND(0.38)
Dibenzofuran		210	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Diethylphthalate		44000	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Dimethylphthalate		100000	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Di-n-Butylphthalate		5500	ND(0.41)	ND(0.36)	0.68	ND(0.38)
Di-n-Octylphthalate		1100	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Dinoseb		55	NA	NA	NA	NA
Diphenylamine		1400	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Ethyl Methacrylate		140	NA	NA	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Fluoranthene		2000	0.11 J	2.4	8.3	0.44
Fluorene		1800	ND(0.41)	0.11 J	0.30 J	ND(0.38)
Hexachlorobenzene		0.28	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Hexachlorobutadiene		5.7	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Hexachlorocyclopentadiene		380	ND(0.41) J	ND(0.36) J	ND(0.46) J	ND(0.38) J
Hexachloroethane		32	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Hexachlorophene		16	ND(0.82) J	ND(0.73) J	ND(0.92) J	ND(0.77) J
Hexachloropropene		Not Listed	ND(0.41) J	ND(0.36) J	ND(0.46) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene		0.56	ND(0.41)	1.2	3.3	0.22 J
Isodrin		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Isophorone		470	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Isosafrole		Not Listed	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Methapyrilene		55	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Methyl Methanesulfonate		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Naphthalene		55	ND(0.41)	0.075 J	0.31 J	ND(0.38)
Nitrobenzene		16	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitrosodiethylamine		0.003	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitrosodimethylamine		0.0087	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitroso-di-n-butylamine		0.022	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
N-Nitroso-di-n-propylamine		0.063	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitrosodiphenylamine		91	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitrosomethylethylamine		0.02	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
N-Nitrosomorpholine		0.21	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
N-Nitrosopiperidine		0.21	ND(0.41) J	ND(0.36) J	ND(0.46) J	ND(0.38) J
N-Nitrosopyrrolidine		0.21	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
o,o,o-Triethylphosphorothioate		11	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
o-Toluidine		1.9	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
p-Dimethylaminoazobenzene		0.99	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Pentachlorobenzene		44	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Pentachloroethane		2.8	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Pentachloronitrobenzene		1.7	ND(0.82) J	ND(0.73) J	ND(0.84) J	ND(0.77) J
Pentachlorophenol		2.5	ND(2.1)	ND(1.8)	ND(2.3)	ND(2.0)
Phenacetin		640	ND(0.82)	ND(0.73)	ND(0.84)	ND(0.77)
Phenanthrene		55	0.090 J	0.65	2.8	0.18 J
Phenol		33000	ND(0.41)	ND(0.36)	ND(0.46)	0.75
Pronamide		4100	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Pyrene		1500	0.10 J	2.4	7.5	0.46
Pyridine		55	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-7 RA-4-SB-7 0-1 06/11/03	PDI RA-4-SB-7 RA-4-SB-7 1-3 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 0-1 06/11/03	PDI RA-4-SB-10 RA-4-SB-10 1-3 06/11/03
Semivolatile Organics (continued)						
Safole		Not Listed	ND(0.41)	ND(0.36)	ND(0.46)	ND(0.38)
Sulfotep		27	NA	NA	NA	NA
Thionazin		330	ND(0.41) J	ND(0.36) J	ND(0.46) J	ND(0.38) J
Furans						
2,3,7,8-TCDF		Not Applicable	ND(0.000012)	0.000050 Y	0.00019 Y	0.000025 Y
TCDFs (total)		Not Applicable	ND(0.000012)	0.000036	0.0017 I	0.00028 I
1,2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000047)	0.0000076	0.000098	0.000020
2,3,4,7,8-PeCDF		Not Applicable	ND(0.0000028)	0.0000078	0.000096	0.000018
PeCDFs (total)		Not Applicable	ND(0.0000032)	0.000056	0.0020 I	0.00041 I
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000050)	0.000014	0.00016	0.000033
1,2,3,6,7,8-HxCDF		Not Applicable	0.000026	0.000093	0.00010	0.000031
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000011)	0.000053	ND(0.000021)	0.000088
2,3,4,6,7,8-HxCDF		Not Applicable	0.0000097	ND(0.0000063)	0.000064	0.000014
HxCDFs (total)		Not Applicable	0.000034	0.000076	0.0021 I	0.00035 I
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000023 J	0.000026 J	0.00035 J	0.000062 J
1,2,3,4,7,8,9-HpCDF		Not Applicable	ND(0.0000085)	0.000010	0.000045	0.000020
HpCDFs (total)		Not Applicable	0.000040 J	0.000056 J	0.00085 J	0.00013 J
OCDF		Not Applicable	0.000014	0.000032	0.00030	0.000062
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.000026)	ND(0.0000056)	0.000042	0.000019
TCDDs (total)		Not Applicable	ND(0.000013)	ND(0.0000047)	0.000030	0.000067
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000011)	ND(0.000018)	ND(0.0000028)	0.0000096
PeCDDs (total)		Not Applicable	ND(0.000010)	ND(0.000016)	ND(0.000010)	0.0000096
1,2,3,4,7,8-HxCDD		Not Applicable	0.000055	0.000076	0.000099	0.000012
1,2,3,6,7,8-HxCDD		Not Applicable	0.000011	0.000072	0.000022	0.000012
1,2,3,7,8,9-HxCDD		Not Applicable	0.000091	ND(0.0000075)	0.000020	0.000011
HxCDDs (total)		Not Applicable	0.000057	0.000014	0.00020	0.000043
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00013	0.000031	0.00053	0.000041
HpCDDs (total)		Not Applicable	0.00021	0.000055	0.0011	0.000075
OCDD		Not Applicable	0.00058	0.00022	0.0029	0.00021
Total TEQs (WHO TEFs)		Not Applicable	0.000066	0.000011	0.00012	0.000037
Inorganics						
Aluminum		75000	NA	NA	NA	NA
Antimony		30	ND(6.00)	ND(6.00)	1.80 B	ND(6.00)
Arsenic		0.38	3.30	5.50	8.80	9.60
Barium		5200	38.0	26.0	67.0	51.0
Beryllium		150	0.330 B	0.220 B	0.300 B	0.440 B
Cadmium		37	ND(0.500)	0.100 B	1.30	ND(0.500)
Calcium		Not Listed	NA	NA	NA	NA
Chromium		210	9.20	7.10	12.0	10.0
Cobalt		3300	8.00	6.30	30.0	14.0
Copper		2800	14.0	31.0	120	29.0
Cyanide		11	0.0660 J	0.0700 J	0.400 J	0.0550 J
Iron		22000	NA	NA	NA	NA
Lead		400	5.80 J	58.0 J	370 J	24.0 J
Magnesium		Not Listed	NA	NA	NA	NA
Manganese		3100	NA	NA	NA	NA
Mercury		22	ND(0.120)	0.0560 B	0.550	0.0640 B
Nickel		1500	13.0 J	14.0 J	52.0 J	26.0 J
Potassium		Not Listed	NA	NA	NA	NA
Selenium		370	ND(1.00) J	ND(1.00) J	1.10 J	0.780 J
Silver		370	ND(1.00)	ND(1.00)	0.320 B	ND(1.00)
Sodium		Not Listed	NA	NA	NA	NA
Sulfide		350	670	16.0	560	28.0
Thallium		6	ND(1.20) J	ND(1.10) J	ND(1.20) J	ND(1.20) J
Tin		45000	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		520	12.0	9.90	25.0	10.0
Zinc		22000	41.0	72.0	310	150

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03
Volatile Organics				
1,1,1,2-Tetrachloroethane		2.8	ND(0.0060)	ND(0.0058)
1,1,1-Trichloroethane		680	ND(0.0060)	ND(0.0058)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0060)	ND(0.0058)
1,1,2-Trichloroethane		0.82	ND(0.0060)	ND(0.0058)
1,1-Dichloroethane		570	ND(0.0060)	ND(0.0058)
1,1-Dichloroethene		0.052	ND(0.0060)	ND(0.0058)
1,2,3-Trichloropropane		0.0014	ND(0.0060)	ND(0.0058)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0060)	ND(0.0058)
1,2-Dibromoethane		0.0049	ND(0.0060)	ND(0.0058)
1,2-Dichloroethane		0.34	ND(0.0060)	ND(0.0058)
1,2-Dichloropropane		0.34	ND(0.0060)	ND(0.0058)
1,4-Dioxane		40	ND(0.12) J	ND(0.12) J
2-Butanone		6900	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene		3.6	ND(0.0060)	ND(0.0058)
2-Chloroethylvinylether		0.18	ND(0.0060)	ND(0.0058)
2-Hexanone		750	ND(0.012)	ND(0.012)
3-Chloropropene		2700	ND(0.0060)	ND(0.0058)
4-Methyl-2-pentanone		750	ND(0.012)	ND(0.012)
Acetone		1400	ND(0.024)	ND(0.023)
Acetonitrile		200	ND(0.12) J	ND(0.12) J
Acrolein		0.1	ND(0.12) J	ND(0.12) J
Acrylonitrile		0.19	ND(0.0060)	ND(0.0058)
Benzene		0.62	ND(0.0060)	ND(0.0058)
Bromodichloromethane		0.98	ND(0.0060)	ND(0.0058)
Bromoform		56	ND(0.0060)	ND(0.0058)
Bromomethane		3.8	ND(0.0060)	ND(0.0058)
Carbon Disulfide		350	ND(0.0060) J	ND(0.0058) J
Carbon Tetrachloride		0.23	ND(0.0060)	ND(0.0058)
Chlorobenzene		54	ND(0.0060)	ND(0.0058)
Chloroethane		1600	ND(0.0060)	ND(0.0058)
Chloroform		0.24	ND(0.0060)	ND(0.0058)
Chloromethane		1.2	ND(0.0060)	ND(0.0058)
cis-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0058)
Dibromochloromethane		5.3	ND(0.0060)	ND(0.0058)
Dibromomethane		550	ND(0.0060)	ND(0.0058)
Dichlorodifluoromethane		94	ND(0.0060)	ND(0.0058)
Ethyl Methacrylate		140	ND(0.0060)	ND(0.0058)
Ethylbenzene		230	ND(0.0060)	ND(0.0058)
Iodomethane		1.2	ND(0.0060) J	ND(0.0058) J
Isobutanol		10000	ND(0.12) J	ND(0.12) J
Methacrylonitrile		1.8	ND(0.0060)	ND(0.0058)
Methyl Methacrylate		2200	ND(0.0060)	ND(0.0058)
Methylene Chloride		8.5	ND(0.0060)	ND(0.0058)
Propionitrile		200	ND(0.012)	ND(0.012)
Styrene		1700	ND(0.0060)	ND(0.0058)
Tetrachloroethene		4.7	ND(0.0060)	ND(0.0058)
Toluene		520	ND(0.0060)	ND(0.0058)
trans-1,2-Dichloroethene		62	ND(0.0060)	ND(0.0058)
trans-1,3-Dichloropropene		Not Listed	ND(0.0060)	ND(0.0058)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0060)	ND(0.0058)
Trichloroethene		2.7	ND(0.0060)	ND(0.0058)
Trichlorofluoromethane		380	ND(0.0060)	ND(0.0058)
Vinyl Acetate		420	ND(0.0060)	ND(0.0058)
Vinyl Chloride		0.021	ND(0.0060)	ND(0.0058)
Xylenes (total)		210	ND(0.0060)	ND(0.0058)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		16	ND(0.45)	ND(0.39)
1,2,4-Trichlorobenzene		480	ND(0.45)	ND(0.39)
1,2-Dichlorobenzene		370	ND(0.45)	ND(0.39)
1,2-Diphenylhydrazine		0.56	ND(0.45)	ND(0.39)
1,3,5-Trinitrobenzene		1600	ND(0.45)	ND(0.39)
1,3-Dichlorobenzene		41	ND(0.45)	ND(0.39)
1,3-Dinitrobenzene		5.5	ND(0.80)	ND(0.78)
1,4-Dichlorobenzene		3	ND(0.45)	ND(0.39)
1,4-Naphthoquinone		55	ND(0.80)	ND(0.78)
1-Naphthylamine		Not Listed	ND(0.80)	ND(0.78)
2,3,4,6-Tetrachlorophenol		1600	ND(0.45)	ND(0.39)
2,4,5-Trichlorophenol		5500	ND(0.45)	ND(0.39)
2,4,6-Trichlorophenol		40	ND(0.45)	ND(0.39)
2,4-Dichlorophenol		160	ND(0.45)	ND(0.39)
2,4-Dimethylphenol		1100	ND(0.45)	ND(0.39)
2,4-Dinitrophenol		110	ND(2.2) J	ND(2.0) J
2,4-Dinitrotoluene		110	ND(0.45)	ND(0.39)
2,6-Dichlorophenol		160	ND(0.45)	ND(0.39)
2,6-Dinitrotoluene		55	ND(0.45)	ND(0.39)
2-Acetylaminofluorene		0.56	ND(0.80)	ND(0.78)
2-Chloronaphthalene		3700	ND(0.45)	ND(0.39)
2-Chlorophenol		59	ND(0.45)	ND(0.39)
2-Methylnaphthalene		55	ND(0.45)	ND(0.39)
2-Methylphenol		2700	ND(0.45)	ND(0.39)
2-Naphthylamine		Not Listed	ND(0.80)	ND(0.78)
2-Nitroaniline		3.3	ND(2.2)	ND(2.0)
2-Nitrophenol		Not Listed	ND(0.80)	ND(0.78)
2-Picoline		55	ND(0.45)	ND(0.39)
3&4-Methylphenol		270	ND(0.80)	ND(0.78)
3,3'-Dichlorobenzidine		0.99	ND(0.90)	ND(0.78)
3,3'-Dimethylbenzidine		0.048	ND(0.45)	ND(0.39)
3-Methylcholanthrene		0.056	ND(0.80)	ND(0.78)
3-Nitroaniline		5.5	ND(2.2)	ND(2.0)
4,6-Dinitro-2-methylphenol		55	ND(0.45)	ND(0.39)
4-Aminobiphenyl		1400	ND(0.80)	ND(0.78)
4-Bromophenyl-phenylether		160	ND(0.45)	ND(0.39)
4-Chloro-3-Methylphenol		2700	ND(0.45)	ND(0.39)
4-Chloroaniline		220	ND(0.45)	ND(0.39)
4-Chlorobenzilate		1.6	ND(0.80)	ND(0.78)
4-Chlorophenyl-phenylether		Not Listed	ND(0.45)	ND(0.39)
4-Methylphenol		270	NA	NA
4-Nitroaniline		5.5	ND(2.0)	ND(2.0)
4-Nitrophenol		3400	ND(2.2) J	ND(2.0) J
4-Nitroquinoline-1-oxide		110	ND(0.80)	ND(0.78)
4-Phenylenediamine		10000	ND(0.80)	ND(0.78)
5-Nitro-o-toluidine		13	ND(0.80)	ND(0.78)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.80)	ND(0.78)
a,a'-Dimethylphenethylamine		55	ND(0.80)	ND(0.78)
Acenaphthene		2600	ND(0.45)	ND(0.39)
Acenaphthylene		55	0.11 J	0.098 J
Acetophenone		0.49	ND(0.45)	ND(0.39)
Aniline		78	ND(0.45)	ND(0.39)
Anthracene		14000	ND(0.45)	ND(0.39)
Aramite		18	ND(0.80)	ND(0.78)
Benzidine		0.0019	ND(0.90)	ND(0.78) J
Benzo(a)anthracene		0.56	0.34 J	0.12 J
Benzo(a)pyrene		0.056	0.33 J	ND(0.39)
Benzo(b)fluoranthene		0.56	0.27 J	0.15 J
Benzo(g,h,i)perylene		55	ND(0.45)	ND(0.39)

TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03
Semivolatile Organics (continued)				
Benzo(k)fluoranthene		5.6	0.18 J	ND(0.39)
Benzoic Acid		100000	NA	NA
Benzyl Alcohol		16000	ND(0.90)	ND(0.78)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.45)	ND(0.39)
bis(2-Chloroethyl)ether		0.18	ND(0.45) J	ND(0.39)
bis(2-Chloroisopropyl)ether		2.5	ND(0.45) J	ND(0.39)
bis(2-Ethylhexyl)phthalate		32	ND(0.40)	ND(0.39)
Butylbenzylphthalate		930	ND(0.45)	ND(0.39)
Chrysene		56	0.45 J	0.15 J
Diallate		7.3	ND(0.80)	ND(0.78)
Dibenzo(a,h)anthracene		0.056	ND(0.45)	ND(0.39)
Dibenzofuran		210	ND(0.45)	ND(0.39)
Diethylphthalate		44000	ND(0.45)	ND(0.39)
Dimethylphthalate		100000	ND(0.45)	ND(0.39)
Di-n-Butylphthalate		5500	ND(0.45)	ND(0.39)
Di-n-Octylphthalate		1100	ND(0.45)	ND(0.39)
Dinoseb		55	NA	NA
Diphenylamine		1400	ND(0.45)	ND(0.39)
Ethyl Methacrylate		140	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.39)
Fluoranthene		2000	0.89	0.30 J
Fluorene		1800	ND(0.45)	ND(0.39)
Hexachlorobenzene		0.28	ND(0.45)	ND(0.39)
Hexachlorobutadiene		5.7	ND(0.45)	ND(0.39)
Hexachlorocyclopentadiene		380	ND(0.45) J	ND(0.39) J
Hexachloroethane		32	ND(0.45)	ND(0.39)
Hexachlorophene		16	ND(0.90) J	ND(0.78) J
Hexachloropropene		Not Listed	ND(0.45) J	ND(0.39)
Indeno(1,2,3-cd)pyrene		0.56	ND(0.45)	0.12 J
Isodrin		Not Listed	ND(0.45)	ND(0.39)
Isophorone		470	ND(0.45)	ND(0.39)
Isosafrole		Not Listed	ND(0.80)	ND(0.78)
Methapyrilene		55	ND(0.80)	ND(0.78)
Methyl Methanesulfonate		Not Listed	ND(0.45)	ND(0.39)
Naphthalene		55	ND(0.45)	ND(0.39)
Nitrobenzene		16	ND(0.45)	ND(0.39)
N-Nitrosodiethylamine		0.003	ND(0.45)	ND(0.39)
N-Nitrosodimethylamine		0.0087	ND(0.45)	ND(0.39)
N-Nitroso-di-n-butylamine		0.022	ND(0.80)	ND(0.78)
N-Nitroso-di-n-propylamine		0.063	ND(0.45)	ND(0.39)
N-Nitrosodiphenylamine		91	ND(0.45)	ND(0.39)
N-Nitrosomethylethylamine		0.02	ND(0.80)	ND(0.78)
N-Nitrosomorpholine		0.21	ND(0.45)	ND(0.39)
N-Nitrosopiperidine		0.21	ND(0.45)	ND(0.39)
N-Nitrosopyrrolidine		0.21	ND(0.80)	ND(0.78)
o,o,o-Triethylphosphorothioate		11	ND(0.45)	ND(0.39)
o-Toluidine		1.9	ND(0.45)	ND(0.39)
p-Dimethylaminoazobenzene		0.99	ND(0.80)	ND(0.78)
Pentachlorobenzene		44	ND(0.45)	ND(0.39)
Pentachloroethane		2.8	ND(0.45)	ND(0.39)
Pentachloronitrobenzene		1.7	ND(0.80) J	ND(0.78) J
Pentachlorophenol		2.5	ND(2.2)	ND(2.0)
Phenacetin		640	ND(0.80)	ND(0.78)
Phenanthrene		55	0.45	0.14 J
Phenol		33000	ND(0.45)	ND(0.39)
Pronamide		4100	ND(0.45)	ND(0.39)
Pyrene		1500	0.86	0.28 J
Pyridine		55	ND(0.45)	ND(0.39)

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Data Type: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	PDI RA-4-SB-13 RA-4-SB-13 0-1 06/12/03	PDI RA-4-SB-13 RA-4-SB-13 1-3 06/12/03
Semivolatile Organics (continued)				
Safrole		Not Listed	ND(0.45)	ND(0.39)
Sulfotep		27	NA	NA
Thionazin		330	ND(0.45)	ND(0.39) J
Furans				
2,3,7,8-TCDF		Not Applicable	ND(0.000021) Y	ND(0.000020) Y
TCDFs (total)		Not Applicable	0.00045	0.00014
1,2,3,7,8-PeCDF		Not Applicable	0.000015	ND(0.0000063) X
2,3,4,7,8-PeCDF		Not Applicable	0.000011	ND(0.0000048) X
PeCDFs (total)		Not Applicable	0.00024	0.000035
1,2,3,4,7,8-HxCDF		Not Applicable	0.00021 I	0.000086 I
1,2,3,6,7,8-HxCDF		Not Applicable	0.000078	0.0000054
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000016)	ND(0.0000011)
2,3,4,6,7,8-HxCDF		Not Applicable	ND(0.0000080) X	ND(0.0000092)
HxCDFs (total)		Not Applicable	0.00047	0.00014
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.000046	0.000045
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000052	ND(0.0000013)
HpCDFs (total)		Not Applicable	0.000052	0.000045
OCDF		Not Applicable	0.000053	0.00020
Dioxins				
2,3,7,8-TCDD		Not Applicable	ND(0.0000012)	ND(0.0000011)
TCDDs (total)		Not Applicable	ND(0.0000012)	ND(0.0000011)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000040)	ND(0.0000039)
PeCDDs (total)		Not Applicable	ND(0.0000040)	ND(0.0000039)
1,2,3,4,7,8-HxCDD		Not Applicable	ND(0.0000030)	ND(0.0000024)
1,2,3,6,7,8-HxCDD		Not Applicable	ND(0.0000027)	0.0000087
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000027)	0.0000066
HxCDDs (total)		Not Applicable	ND(0.0000027)	0.000015
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.000076	0.00018
HpCDDs (total)		Not Applicable	0.00016	0.00030
OCDD		Not Applicable	0.00045	0.0011
Total TEQs (WHO TEFs)		Not Applicable	0.000034	0.000018
Inorganics				
Aluminum		75000	NA	NA
Antimony		30	1.70 B	1.10 B
Arsenic		0.38	5.20	8.90
Barium		5200	39.0	36.0
Beryllium		150	0.210 B	0.430 B
Cadmium		37	0.220 B	ND(0.500)
Calcium		Not Listed	NA	NA
Chromium		210	8.10	9.40
Cobalt		3300	6.80	13.0
Copper		2800	28.0	26.0
Cyanide		11	0.480	0.470
Iron		22000	NA	NA
Lead		400	82.0	28.0
Magnesium		Not Listed	NA	NA
Manganese		3100	NA	NA
Mercury		22	0.730	0.0590 B
Nickel		1500	12.0	24.0
Potassium		Not Listed	NA	NA
Selenium		370	ND(1.20) J	ND(1.20) J
Silver		370	ND(1.00)	ND(1.00)
Sodium		Not Listed	NA	NA
Sulfide		350	7.70	ND(5.80)
Thallium		6	6.20 J	6.60 J
Tin		45000	ND(10.0)	ND(10.0)
Vanadium		520	11.0	9.50
Zinc		22000	84.0	76.0

**TABLE E-137
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Data Types: PDI = GE Pre-Design Investigation soil sampling; Historical = GE Historical soil sampling.
3. PDI Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- E - Analyte exceeded calibration range.
- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

**TABLE E-138
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 4 (RA-4)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS**

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
2,4-Dimethylphenol	0.28	1,100	No
2-Methylnaphthalene	0.28	55*	No
2-Methylphenol	3.2	2,700	No
3&4-Methylphenol	2.5	270*	No
4-Methylphenol	1.5	270	No
Acenaphthene	1	2,600	No
Acenaphthylene	2	55*	No
Aniline	1.1	78	No
Anthracene	1.8	14,000	No
Benzo(a)anthracene	21	0.56	Yes
Benzo(a)pyrene	23	0.056	Yes
Benzo(b)fluoranthene	32	0.56	Yes
Benzo(g,h,i)perylene	13	55*	No
Benzo(k)fluoranthene	9.5	5.6	Yes
bis(2-Ethylhexyl)phthalate	0.12	32	No
Chrysene	22	56	No
Dibenzo(a,h)anthracene	3.2	0.056	Yes
Dibenzofuran	0.41	210	No
Di-n-Butylphthalate	0.8	5,500	No
Fluoranthene	9.7	2,000	No
Fluorene	0.89	1,800	No
Indeno(1,2,3-cd)pyrene	15	0.56	Yes
Naphthalene	2.0	55	No
o-Toluidine	1.6	1.9	No
Phenanthrene	37	55*	No
Phenol	9.6	33,000	No
Pyrene	8.4	1,500	No
Inorganics			
Antimony	1.8	30	No
Arsenic	9.6	0.38	Yes
Barium	82	5,200	No
Beryllium	0.44	150	No
Cadmium	1.3	37	No
Chromium	17	210	No
Cobalt	30	3,300	No
Copper	141	2,800	No
Cyanide	0.48	11*	No
Lead	370	400	No
Mercury	0.79	22	No
Nickel	52	1,500	No
Selenium	1.1	370	No
Silver	1.2	370	No
Sulfide	670	350*	Yes
Thallium	6.6	6	Yes
Vanadium	26.4	520	No
Zinc	310	22,000	No

Notes:

1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

TABLE E-139
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05
Inorganics						
Arsenic	6.20	--	7.50	3.30	8.80	5.20
Sulfide	--	--	19.0	670	560	7.70
Thallium	0.120	--	0.550	0.600	0.600	6.20

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-EE 0-1 06/02/06	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	21	N/A (See Note 5)	4.6	7	No
Benzo(a)pyrene	23	N/A (See Note 5)	4.9	2	Yes
Benzo(b)fluoranthene	32	N/A (See Note 5)	6.4	7	No
Benzo(k)fluoranthene	9.5	N/A (See Note 5)	2.4	70	No
Dibenzo(a,h)anthracene	3.2	N/A (See Note 5)	1.1	0.7	Yes
Indeno(1,2,3-cd)pyrene	15	N/A (See Note 5)	3.3	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 5)	6.20	20	No
Sulfide	--	N/A (See Note 5)	314	633*	No
Thallium	--	N/A (See Note 5)	1.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Constituent not subject to analysis.

TABLE E-140
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT (BANK)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics					
Benzo(a)anthracene	1.7	1.4	0.22	0.12	19
Benzo(a)pyrene	1.6	1.6	0.30	0.20	22
Benzo(b)fluoranthene	2.2	2.1	0.35	0.15	28
Benzo(k)fluoranthene	0.79	0.87	0.13	0.20	8.7
Dibenzo(a,h)anthracene	0.22	0.43	0.19	0.20	3.1
Indeno(1,2,3-cd)pyrene	1.1	1.2	0.22	0.12	12
Dioxins/Furans					
Total TEQs (WHO TEFs)	4.20E-05	1.10E-05	3.70E-05	1.80E-05	--
Inorganics					
Arsenic	7.00	5.50	9.60	8.90	--
Sulfide	26.0	16.0	28.0	2.90	--
Thallium	0.550	0.550	0.600	6.60	--

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	4.5	7	No
Benzo(a)pyrene	N/A (See Note 5)	5.1	2	Yes
Benzo(b)fluoranthene	N/A (See Note 5)	6.6	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	2.1	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.83	0.7	Yes
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	2.9	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.20E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	7.75	20	No
Sulfide	N/A (See Note 5)	18.2	633*	No
Thallium	N/A (See Note 5)	2.08	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Constituent not subject to analysis.

TABLE E-141
 POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
 RECREATIONAL AREA 4 (RA-4): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	SLB-4BB 0-0.5 01/19/95	SLB-4TB 0-0.5 10/11/95	RA-4-SB-3 0-1 06/11/03	RA-4-SB-7 0-1 06/11/03	RA-4-SB-10 0-1 06/11/03	RA-4-SB-13 0-1 06/12/03
Semivolatile Organics						
Benzo(a)anthracene	1.9	0.88	4.5	0.21	3.6	0.34
Benzo(a)pyrene	1.8	1.2	3.8	0.21	4.0	0.33
Benzo(b)fluoranthene	1.6	1.2	4.4	0.21	5.3	0.27
Benzo(k)fluoranthene	1.7	1.1	1.8	0.21	2.0	0.18
Dibenzo(a,h)anthracene	2.1	0.20	0.80	0.21	0.99	0.23
Indeno(1,2,3-cd)pyrene	1.3	0.36	2.5	0.21	3.3	0.23
Dioxins/Furans						
Total TEQs (WHO TEFs)	2.70E-04	--	3.80E-05	6.60E-06	1.20E-04	3.40E-05
Inorganics						
Arsenic	6.20	--	7.50	3.30	8.80	5.20
Sulfide	--	--	19.0	670	560	7.70
Thallium	0.120	--	0.550	0.600	0.600	6.20

Sample ID: Sample Depth(Feet): Date Collected:	RA-3-SB-15-EE 0-1 06/02/06	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	0.198	N/A (See Note 5)	1.7	7	No
Benzo(a)pyrene	0.198	N/A (See Note 5)	1.6	2	No
Benzo(b)fluoranthene	0.198	N/A (See Note 5)	1.9	7	No
Benzo(k)fluoranthene	0.198	N/A (See Note 5)	1.0	70	No
Dibenzo(a,h)anthracene	0.256	N/A (See Note 5)	0.68	0.7	No
Indeno(1,2,3-cd)pyrene	0.256	N/A (See Note 5)	1.2	7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	2.70E-04	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 5)	6.20	20	No
Sulfide	--	N/A (See Note 5)	314	633*	No
Thallium	--	N/A (See Note 5)	1.61	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
- = Constituent not subject to analysis.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

**TABLE E-142
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 4 (RA-4): 1- TO 3-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	RA-4-SB-3 1-3 06/11/03	RA-4-SB-7 1-3 06/11/03	RA-4-SB-10 1-3 06/11/03	RA-4-SB-13 1-3 06/12/03	RA-3-SB-15-EE 1-3 06/02/06
Semivolatile Organics					
Benzo(a)anthracene	1.7	1.4	0.22	0.12	<i>0.198</i>
Benzo(a)pyrene	1.6	1.6	0.30	0.20	<i>0.198</i>
Benzo(b)fluoranthene	2.2	2.1	0.35	0.15	<i>0.198</i>
Benzo(k)fluoranthene	0.79	0.87	0.13	0.20	<i>0.198</i>
Dibenzo(a,h)anthracene	0.22	0.43	0.19	0.20	<i>0.256</i>
Indeno(1,2,3-cd)pyrene	1.1	1.2	0.22	0.12	<i>0.256</i>
Dioxins/Furans					
Total TEQs (WHO TEFs)	4.20E-05	1.10E-05	3.70E-05	1.80E-05	--
Inorganics					
Arsenic	7.00	5.50	9.60	8.90	--
Sulfide	26.0	16.0	28.0	2.90	--
Thallium	0.550	0.550	0.600	6.60	--

	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.73	7	No
Benzo(a)pyrene	N/A (See Note 5)	0.78	2	No
Benzo(b)fluoranthene	N/A (See Note 5)	1.0	7	No
Benzo(k)fluoranthene	N/A (See Note 5)	0.44	70	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.26	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.58	7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.20E-05	N/A (See Note 5)	1.50E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	7.75	20	No
Sulfide	N/A (See Note 5)	18.2	633*	No
Thallium	N/A (See Note 5)	2.08	8	No

- Notes:**
- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
 - With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
 - Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
 - The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
 - Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
 - * = Although no MCP Method 1 Standard exists for sulfide, an MCP Method 2 Soil Standard has been derived for carbon disulfide. Carbon disulfide is an EPA-approved surrogate for sulfide.
 - = Constituent not subject to analysis.
 - Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

Recreational Area 5 (RA-5)

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	RA-5-SB-2 0-1 06/12/03
Volatile Organics						
1,1,1,2-Tetrachloroethane		2.8	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,1,1-Trichloroethane		680	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,1,2,2-Tetrachloroethane		0.36	ND(0.0064) J	ND(0.0053) J	NA	ND(0.0064)
1,1,2-Trichloroethane		0.82	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,1-Dichloroethane		570	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,1-Dichloroethene		0.052	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,2,3-Trichloropropane		0.0014	ND(0.0064) J	ND(0.0053)	NA	ND(0.0064)
1,2-Dibromo-3-chloropropane		0.32	ND(0.0064) J	ND(0.0053)	NA	ND(0.0064)
1,2-Dibromoethane		0.0049	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,2-Dichloroethane		0.34	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,2-Dichloropropane		0.34	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
1,4-Dioxane		40	ND(0.13) J	ND(0.10) J	NA	ND(0.13) J
2-Butanone		6900	ND(0.013)	ND(0.010)	NA	ND(0.013)
2-Chloro-1,3-butadiene		3.6	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
2-Chloroethylvinylether		0.18	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
2-Hexanone		750	ND(0.013)	ND(0.010)	NA	ND(0.013)
3-Chloropropene		2700	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
4-Methyl-2-pentanone		750	ND(0.013)	ND(0.010)	NA	ND(0.013)
Acetone		1400	ND(0.026)	ND(0.021) J	NA	ND(0.025)
Acetonitrile		200	ND(0.13)	ND(0.10)	NA	ND(0.13) J
Acrolein		0.1	ND(0.13) J	ND(0.10) J	NA	ND(0.13) J
Acrylonitrile		0.19	ND(0.0064) J	ND(0.0053) J	NA	ND(0.0064)
Benzene		0.62	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Bromodichloromethane		0.98	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Bromoform		56	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Bromomethane		3.8	ND(0.0064) J	ND(0.0053) J	NA	ND(0.0064)
Carbon Disulfide		350	ND(0.0064)	ND(0.0053)	NA	ND(0.0064) J
Carbon Tetrachloride		0.23	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Chlorobenzene		54	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Chloroethane		1600	ND(0.0064) J	ND(0.0053) J	NA	ND(0.0064)
Chloroform		0.24	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Chloromethane		1.2	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
cis-1,3-Dichloropropene		Not Listed	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Dibromochloromethane		5.3	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Dibromomethane		550	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Dichlorodifluoromethane		94	ND(0.0064) J	ND(0.0053)	NA	ND(0.0064)
Ethyl Methacrylate		140	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Ethylbenzene		230	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Iodomethane		1.2	ND(0.0064)	ND(0.0053)	NA	ND(0.0064) J
Isobutanol		10000	ND(0.13)	ND(0.10)	NA	ND(0.13) J
Methacrylonitrile		1.8	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Methyl Methacrylate		2200	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Methylene Chloride		8.5	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Propionitrile		200	ND(0.013)	ND(0.010)	NA	ND(0.013)
Styrene		1700	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Tetrachloroethene		4.7	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Toluene		520	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
trans-1,2-Dichloroethene		62	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
trans-1,3-Dichloropropene		Not Listed	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0064) J	ND(0.0053)	NA	ND(0.0064)
Trichloroethene		2.7	ND(0.0064) J	ND(0.0053)	NA	ND(0.0064)
Trichlorofluoromethane		380	ND(0.0064)	ND(0.0053) J	NA	ND(0.0064)
Vinyl Acetate		420	ND(0.0064) J	ND(0.0053) J	NA	ND(0.0064)
Vinyl Chloride		0.021	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)
Xylenes (total)		210	ND(0.0064)	ND(0.0053)	NA	ND(0.0064)

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	RA-5-SB-2 0-1 06/12/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		16	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
1,2,4-Trichlorobenzene		480	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
1,2-Dichlorobenzene		370	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
1,2-Diphenylhydrazine		0.56	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
1,3,5-Trinitrobenzene		1600	ND(0.81) J	ND(0.35) J	ND(9.2) J [ND(4.3) J]	ND(1.2)
1,3-Dichlorobenzene		41	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	0.31 J
1,3-Dinitrobenzene		5.5	ND(0.86) J	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(1.2)
1,4-Dichlorobenzene		3	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	0.69 J
1,4-Naphthoquinone		55	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
1-Naphthylamine		Not Listed	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
2,3,4,6-Tetrachlorophenol		1600	ND(0.81)	ND(0.35)	ND(9.2) J [ND(4.3)]	ND(1.2)
2,4,5-Trichlorophenol		5500	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2,4,6-Trichlorophenol		40	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2,4-Dichlorophenol		160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2,4-Dimethylphenol		1100	0.76 J	0.49	ND(9.2) [ND(4.3) J]	ND(1.2)
2,4-Dinitrophenol		110	ND(4.0)	ND(1.8) J	ND(46) [ND(21) J]	ND(5.9) J
2,4-Dinitrotoluene		110	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2,6-Dichlorophenol		160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2,6-Dinitrotoluene		55	ND(0.81) J	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2-Acetylaminofluorene		0.56	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(1.2)
2-Chloronaphthalene		3700	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2-Chlorophenol		59	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
2-Methylnaphthalene		55	ND(0.81)	21	ND(9.2) [0.47 J]	1.1 J
2-Methylphenol		2700	ND(0.81)	0.37	ND(9.2) [ND(4.3)]	5.6
2-Naphthylamine		Not Listed	ND(0.86)	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(1.2)
2-Nitroaniline		3.3	ND(4.0) J	ND(1.8) J	ND(46) [ND(21) J]	ND(5.9)
2-Nitrophenol		Not Listed	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
2-Picoline		55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
3&4-Methylphenol		270	1.2	1.5	ND(9.2) [0.70 J]	12
3,3'-Dichlorobenzidine		0.99	ND(1.6)	ND(0.71)	ND(18) [ND(8.6)]	ND(2.4)
3,3'-Dimethylbenzidine		0.048	ND(0.81) J	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
3-Methylcholanthrene		0.056	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
3-Nitroaniline		5.5	ND(4.0)	ND(1.8)	ND(46) [ND(21)]	ND(5.9)
4,6-Dinitro-2-methylphenol		55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Aminobiphenyl		1400	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(1.2)
4-Bromophenyl-phenylether		160	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Chloro-3-Methylphenol		2700	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Chloroaniline		220	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Chlorobenzilate		1.6	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Chlorophenyl-phenylether		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
4-Nitroaniline		5.5	ND(2.2)	ND(1.8)	ND(9.2) [ND(4.3)]	ND(2.2)
4-Nitrophenol		3400	4.1	ND(1.8)	ND(46) [ND(21)]	ND(5.9) J
4-Nitroquinoline-1-oxide		110	ND(0.86) J	ND(0.71) J	ND(9.2) J [ND(4.3) J]	ND(1.2)
4-Phenylenediamine		10000	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
5-Nitro-o-toluidine		13	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
a,a'-Dimethylphenethylamine		55	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(1.2)
Acenaphthene		2600	13	26	18 [12]	ND(1.2)
Acenaphthylene		55	4.0	39	ND(9.2) [3.0 J]	ND(1.2)
Acetophenone		0.49	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Aniline		78	1.3	ND(0.35)	120 [41 J]	180
Anthracene		14000	9.9	80	42 [24]	1.5
Aramite		18	ND(0.86) J	ND(0.71)	ND(9.2) J [ND(4.3)]	ND(1.2)
Benzidine		0.0019	ND(1.6) J	ND(0.71)	ND(18) J [ND(8.6) J]	ND(2.4) J
Benzo(a)anthracene		0.56	47	130	82 [50]	1.2
Benzo(a)pyrene		0.056	37	100	55 [30]	0.82 J
Benzo(b)fluoranthene		0.56	28	82	41 [22]	1.5
Benzo(g,h,i)perylene		55	12	60	27 [14]	0.71 J
Benzo(k)fluoranthene		5.6	36	90	43 [27]	0.52 J

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	I9-9-34-SB-1 0-1 09/16/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	RA-5-SB-2 0-1 06/12/03
Semivolatile Organics (continued)						
Benzyl Alcohol		16000	ND(1.6)	ND(0.71)	ND(18) [ND(8.6)]	ND(2.4)
bis(2-Chloroethoxy)methane		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
bis(2-Chloroethyl)ether		0.18	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
bis(2-Chloroisopropyl)ether		2.5	ND(0.81) J	ND(0.35) J	ND(9.2) [ND(4.3) J]	ND(1.2)
bis(2-Ethylhexyl)phthalate		32	ND(0.42)	ND(0.35)	ND(4.6) [ND(2.1)]	ND(0.59)
Butylbenzylphthalate		930	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Chrysene		56	42	110	76 [46]	1.6
Diallate		7.3	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
Dibenzo(a,h)anthracene		0.056	3.6	24	ND(9.2) [2.9 J]	ND(1.2)
Dibenzofuran		210	1.4	37	13 [8.4]	ND(1.2)
Diethylphthalate		44000	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Dimethylphthalate		100000	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Di-n-Butylphthalate		5500	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Di-n-Octylphthalate		1100	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Diphenylamine		1400	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Ethyl Methanesulfonate		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Fluoranthene		2000	66	240	130 [73]	3.4
Fluorene		1800	1.4	39	25 [15]	2.3
Hexachlorobenzene		0.28	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Hexachlorobutadiene		5.7	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Hexachlorocyclopentadiene		380	ND(0.81) J	ND(0.35) J	ND(9.2) J [ND(4.3) J]	ND(1.2) J
Hexachloroethane		32	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Hexachlorophene		16	ND(1.6) J	ND(0.71) J	ND(18) J [ND(8.6) J]	ND(2.4) J
Hexachloropropene		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3) J]	ND(1.2)
Indeno(1,2,3-cd)pyrene		0.56	16	65	25 [13]	0.57 J
Isodrin		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Isophorone		470	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Isosafrole		Not Listed	ND(0.86)	ND(0.71)	ND(9.2) J [ND(4.3) J]	ND(1.2)
Methapyrilene		55	ND(0.86)	ND(0.71) J	ND(9.2) J [ND(4.3)]	ND(1.2)
Methyl Methanesulfonate		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Naphthalene		55	2.0	20	2.5 J [1.5 J]	1.0 J
Nitrobenzene		16	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosodiethylamine		0.003	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosodimethylamine		0.0087	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitroso-di-n-butylamine		0.022	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitroso-di-n-propylamine		0.063	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosodiphenylamine		91	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosomethylethylamine		0.02	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosomorpholine		0.21	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosopiperidine		0.21	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
N-Nitrosopyrrolidine		0.21	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
o,o,o-Triethylphosphorothioate		11	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
o-Toluidine		1.9	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
p-Dimethylaminoazobenzene		0.99	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
Pentachlorobenzene		44	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Pentachloroethane		2.8	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Pentachloronitrobenzene		1.7	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2) J
Pentachlorophenol		2.5	ND(4.0)	ND(1.8)	ND(46) [ND(21)]	ND(5.9)
Phenacetin		640	ND(0.86)	ND(0.71)	ND(9.2) [ND(4.3)]	ND(1.2)
Phenanthrene		55	28	320	110 [59]	4.6
Phenol		33000	1.0	1.1	9.6 [3.9 J]	8.4
Pronamide		4100	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Pyrene		1500	80	340	150 [110]	5.8
Pyridine		55	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2)
Safrole		Not Listed	ND(0.81)	ND(0.35)	ND(9.2) J [ND(4.3) J]	ND(1.2)
Thionazin		330	ND(0.81)	ND(0.35)	ND(9.2) [ND(4.3)]	ND(1.2) J

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	19-9-34-SB-1 0-1 09/16/03	19-9-34-SB-1 1-3 09/16/03	19-9-34-SB-1-NE 1-3 10/11/05	RA-5-SB-2 0-1 06/12/03
Furans						
2,3,7,8-TCDF		Not Applicable	0.00011 YI	ND(0.000015) Y	NA	0.0013 Y
TCDFs (total)		Not Applicable	0.00084	0.000090	NA	0.011
1,2,3,7,8-PeCDF		Not Applicable	0.000062	0.0000048	NA	0.0018 I
2,3,4,7,8-PeCDF		Not Applicable	ND(0.000051) X	ND(0.0000056) X	NA	0.00076
PeCDFs (total)		Not Applicable	0.0013	0.00048	NA	0.0034
1,2,3,4,7,8-HxCDF		Not Applicable	ND(0.0000088)	ND(0.0000070)	NA	0.030 I
1,2,3,6,7,8-HxCDF		Not Applicable	0.00059 I	ND(0.0000069)	NA	0.0011
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.0000011)	ND(0.0000091)	NA	ND(0.000075)
2,3,4,6,7,8-HxCDF		Not Applicable	0.000029	ND(0.0000078)	NA	ND(0.00043) X
HxCDFs (total)		Not Applicable	0.0015	0.000091	NA	0.044
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00016	0.000018	NA	0.0024
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.000017	ND(0.0000031) X	NA	0.00078
HpCDFs (total)		Not Applicable	0.00018	0.000018	NA	0.0033
OCDF		Not Applicable	0.00017	0.000020	NA	0.0019
Dioxins						
2,3,7,8-TCDD		Not Applicable	ND(0.0000086)	ND(0.0000057)	NA	ND(0.000036)
TCDDs (total)		Not Applicable	0.0000080	0.0000022	NA	0.0018
1,2,3,7,8-PeCDD		Not Applicable	ND(0.0000026)	ND(0.0000016)	NA	ND(0.00021)
PeCDDs (total)		Not Applicable	ND(0.0000026)	ND(0.0000016)	NA	ND(0.00021)
1,2,3,4,7,8-HxCDD		Not Applicable	0.0000056	ND(0.0000097)	NA	0.00066
1,2,3,6,7,8-HxCDD		Not Applicable	0.000012	ND(0.0000088)	NA	0.00054
1,2,3,7,8,9-HxCDD		Not Applicable	ND(0.0000012)	ND(0.0000089)	NA	0.00052
HxCDDs (total)		Not Applicable	0.000032	ND(0.0000088)	NA	0.0017
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.00020	ND(0.000012) J	NA	0.0031
HpCDDs (total)		Not Applicable	0.00036	0.0000098	NA	0.0055
OCDD		Not Applicable	0.0011	0.000063 J	NA	0.0060
Total TEQs (WHO TEFs)		Not Applicable	0.000096	0.0000040	NA	0.0041
Inorganics						
Antimony		30	ND(6.00)	ND(6.00)	NA	1.50 B
Arsenic		0.38	7.20	9.50	NA	7.10
Barium		5200	47.0	34.0	NA	48.0
Beryllium		150	0.200 B	0.160 B	NA	0.300 B
Cadmium		37	0.210 B	ND(0.500)	NA	5.10
Chromium		210	7.30	5.50	NA	25.0
Cobalt		3300	6.80	12.0	NA	8.90
Copper		2800	41.0	32.0	NA	220
Cyanide		11	0.290	0.0680 B	NA	0.980
Lead		400	150	38.0	NA	260
Mercury		22	0.500	0.130	NA	4.80
Nickel		1500	12.0	15.0	NA	27.0
Selenium		370	1.40	0.770 B	NA	1.00 J
Silver		370	ND(1.0)	ND(1.0)	NA	4.70
Sulfide		350	14.0	6.80	NA	290
Thallium		6	ND(1.30)	ND(1.00)	NA	1.10 J
Tin		45000	ND(10.0)	ND(10.0)	NA	27.0
Vanadium		520	11.0	6.60	NA	16.0
Zinc		22000	99.0	53.0	NA	230

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	ND(0.0061)	NA	NA
1,1,1-Trichloroethane		680	ND(0.0061)	NA	NA
1,1,2,2-Tetrachloroethane		0.36	ND(0.0061)	NA	NA
1,1,2-Trichloroethane		0.82	ND(0.0061)	NA	NA
1,1-Dichloroethane		570	ND(0.0061)	NA	NA
1,1-Dichloroethene		0.052	ND(0.0061)	NA	NA
1,2,3-Trichloropropane		0.0014	ND(0.0061)	NA	NA
1,2-Dibromo-3-chloropropane		0.32	ND(0.0061)	NA	NA
1,2-Dibromoethane		0.0049	ND(0.0061)	NA	NA
1,2-Dichloroethane		0.34	ND(0.0061)	NA	NA
1,2-Dichloropropane		0.34	ND(0.0061)	NA	NA
1,4-Dioxane		40	ND(0.12) J	NA	NA
2-Butanone		6900	ND(0.012)	NA	NA
2-Chloro-1,3-butadiene		3.6	ND(0.0061)	NA	NA
2-Chloroethylvinylether		0.18	ND(0.0061)	NA	NA
2-Hexanone		750	ND(0.012)	NA	NA
3-Chloropropene		2700	ND(0.0061)	NA	NA
4-Methyl-2-pentanone		750	ND(0.012)	NA	NA
Acetone		1400	ND(0.024)	NA	NA
Acetonitrile		200	ND(0.12) J	NA	NA
Acrolein		0.1	ND(0.12) J	NA	NA
Acrylonitrile		0.19	ND(0.0061)	NA	NA
Benzene		0.62	ND(0.0061)	NA	NA
Bromodichloromethane		0.98	ND(0.0061)	NA	NA
Bromoform		56	ND(0.0061)	NA	NA
Bromomethane		3.8	ND(0.0061)	NA	NA
Carbon Disulfide		350	ND(0.0061) J	NA	NA
Carbon Tetrachloride		0.23	ND(0.0061)	NA	NA
Chlorobenzene		54	ND(0.0061)	NA	NA
Chloroethane		1600	ND(0.0061)	NA	NA
Chloroform		0.24	ND(0.0061)	NA	NA
Chloromethane		1.2	ND(0.0061)	NA	NA
cis-1,3-Dichloropropene		Not Listed	ND(0.0061)	NA	NA
Dibromochloromethane		5.3	ND(0.0061)	NA	NA
Dibromomethane		550	ND(0.0061)	NA	NA
Dichlorodifluoromethane		94	ND(0.0061)	NA	NA
Ethyl Methacrylate		140	ND(0.0061)	NA	NA
Ethylbenzene		230	ND(0.0061)	NA	NA
Iodomethane		1.2	ND(0.0061) J	NA	NA
Isobutanol		10000	ND(0.12) J	NA	NA
Methacrylonitrile		1.8	ND(0.0061)	NA	NA
Methyl Methacrylate		2200	ND(0.0061)	NA	NA
Methylene Chloride		8.5	ND(0.0061)	NA	NA
Propionitrile		200	ND(0.012)	NA	NA
Styrene		1700	ND(0.0061)	NA	NA
Tetrachloroethene		4.7	ND(0.0061)	NA	NA
Toluene		520	ND(0.0061)	NA	NA
trans-1,2-Dichloroethene		62	ND(0.0061)	NA	NA
trans-1,3-Dichloropropene		Not Listed	ND(0.0061)	NA	NA
trans-1,4-Dichloro-2-butene		Not Listed	ND(0.0061)	NA	NA
Trichloroethene		2.7	ND(0.0061)	NA	NA
Trichlorofluoromethane		380	ND(0.0061)	NA	NA
Vinyl Acetate		420	ND(0.0061)	NA	NA
Vinyl Chloride		0.021	ND(0.0061)	NA	NA
Xylenes (total)		210	ND(0.0061)	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	ND(0.65)	NA	NA
1,2,4-Trichlorobenzene		480	ND(0.65)	NA	NA
1,2-Dichlorobenzene		370	ND(0.65)	NA	NA
1,2-Diphenylhydrazine		0.56	ND(0.65)	NA	NA
1,3,5-Trinitrobenzene		1600	ND(0.65)	NA	NA
1,3-Dichlorobenzene		41	0.14 J	NA	NA
1,3-Dinitrobenzene		5.5	ND(0.82)	NA	NA
1,4-Dichlorobenzene		3	0.17 J	NA	NA
1,4-Naphthoquinone		55	ND(0.82)	NA	NA
1-Naphthylamine		Not Listed	ND(0.82)	NA	NA
2,3,4,6-Tetrachlorophenol		1600	ND(0.65)	NA	NA
2,4,5-Trichlorophenol		5500	ND(0.65)	NA	NA
2,4,6-Trichlorophenol		40	ND(0.65)	NA	NA
2,4-Dichlorophenol		160	ND(0.65)	NA	NA
2,4-Dimethylphenol		1100	ND(0.65)	NA	NA
2,4-Dinitrophenol		110	ND(3.3) J	NA	NA
2,4-Dinitrotoluene		110	ND(0.65)	NA	NA
2,6-Dichlorophenol		160	ND(0.65)	NA	NA
2,6-Dinitrotoluene		55	ND(0.65)	NA	NA
2-Acetylaminofluorene		0.56	ND(0.82)	NA	NA
2-Chloronaphthalene		3700	ND(0.65)	NA	NA
2-Chlorophenol		59	ND(0.65)	NA	NA
2-Methylnaphthalene		55	0.72	NA	NA
2-Methylphenol		2700	0.15 J	NA	NA
2-Naphthylamine		Not Listed	ND(0.82)	NA	NA
2-Nitroaniline		3.3	ND(3.3)	NA	NA
2-Nitrophenol		Not Listed	ND(0.82)	NA	NA
2-Picoline		55	ND(0.65)	NA	NA
3&4-Methylphenol		270	ND(0.82)	NA	NA
3,3'-Dichlorobenzidine		0.99	ND(1.3)	NA	NA
3,3'-Dimethylbenzidine		0.048	ND(0.65)	NA	NA
3-Methylcholanthrene		0.056	ND(0.82)	NA	NA
3-Nitroaniline		5.5	ND(3.3)	NA	NA
4,6-Dinitro-2-methylphenol		55	ND(0.65)	NA	NA
4-Aminobiphenyl		1400	ND(0.82)	NA	NA
4-Bromophenyl-phenylether		160	ND(0.65)	NA	NA
4-Chloro-3-Methylphenol		2700	ND(0.65)	NA	NA
4-Chloroaniline		220	ND(0.65)	NA	NA
4-Chlorobenzilate		1.6	ND(0.82)	NA	NA
4-Chlorophenyl-phenylether		Not Listed	ND(0.65)	NA	NA
4-Nitroaniline		5.5	ND(2.1)	NA	NA
4-Nitrophenol		3400	ND(3.3) J	NA	NA
4-Nitroquinoline-1-oxide		110	ND(0.82)	NA	NA
4-Phenylenediamine		10000	ND(0.82)	NA	NA
5-Nitro-o-toluidine		13	ND(0.82)	NA	NA
7,12-Dimethylbenz(a)anthracene		0.056	ND(0.82)	NA	NA
a,a'-Dimethylphenethylamine		55	ND(0.82)	NA	NA
Acenaphthene		2600	ND(0.65)	NA	NA
Acenaphthylene		55	ND(0.65)	NA	NA
Acetophenone		0.49	ND(0.65)	NA	NA
Aniline		78	1.7	NA	NA
Anthracene		14000	0.59 J	NA	NA
Aramite		18	ND(0.82)	NA	NA
Benzidine		0.0019	ND(1.3)	NA	NA
Benzo(a)anthracene		0.56	1.5	NA	NA
Benzo(a)pyrene		0.056	1.4	NA	NA
Benzo(b)fluoranthene		0.56	1.4	NA	NA
Benzo(g,h,i)perylene		55	ND(0.65)	NA	NA
Benzo(k)fluoranthene		5.6	1.5	NA	NA

TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatile Organics (continued)					
Benzyl Alcohol		16000	ND(1.3)	NA	NA
bis(2-Chloroethoxy)methane		Not Listed	ND(0.65)	NA	NA
bis(2-Chloroethyl)ether		0.18	ND(0.65) J	NA	NA
bis(2-Chloroisopropyl)ether		2.5	ND(0.65) J	NA	NA
bis(2-Ethylhexyl)phthalate		32	ND(0.40)	NA	NA
Butylbenzylphthalate		930	ND(0.65)	NA	NA
Chrysene		56	2.5	NA	NA
Diallate		7.3	ND(0.82)	NA	NA
Dibenzo(a,h)anthracene		0.056	ND(0.65)	NA	NA
Dibenzofuran		210	ND(0.65)	NA	NA
Diethylphthalate		44000	ND(0.65)	NA	NA
Dimethylphthalate		100000	ND(0.65)	NA	NA
Di-n-Butylphthalate		5500	ND(0.65)	NA	NA
Di-n-Octylphthalate		1100	ND(0.65)	NA	NA
Diphenylamine		1400	ND(0.65)	NA	NA
Ethyl Methanesulfonate		Not Listed	ND(0.65)	NA	NA
Fluoranthene		2000	3.3	NA	NA
Fluorene		1800	0.91	NA	NA
Hexachlorobenzene		0.28	ND(0.65)	NA	NA
Hexachlorobutadiene		5.7	ND(0.65)	NA	NA
Hexachlorocyclopentadiene		380	ND(0.65) J	NA	NA
Hexachloroethane		32	ND(0.65)	NA	NA
Hexachlorophene		16	ND(1.3) J	NA	NA
Hexachloropropene		Not Listed	ND(0.65) J	NA	NA
Indeno(1,2,3-cd)pyrene		0.56	0.77	NA	NA
Isodrin		Not Listed	ND(0.65)	NA	NA
Isophorone		470	ND(0.65)	NA	NA
Isosafrole		Not Listed	ND(0.82)	NA	NA
Methapyrilene		55	ND(0.82)	NA	NA
Methyl Methanesulfonate		Not Listed	ND(0.65)	NA	NA
Naphthalene		55	0.56 J	NA	NA
Nitrobenzene		16	ND(0.65)	NA	NA
N-Nitrosodiethylamine		0.003	ND(0.65)	NA	NA
N-Nitrosodimethylamine		0.0087	ND(0.65)	NA	NA
N-Nitroso-di-n-butylamine		0.022	ND(0.82)	NA	NA
N-Nitroso-di-n-propylamine		0.063	ND(0.65)	NA	NA
N-Nitrosodiphenylamine		91	ND(0.65)	NA	NA
N-Nitrosomethylethylamine		0.02	ND(0.82)	NA	NA
N-Nitrosomorpholine		0.21	ND(0.65)	NA	NA
N-Nitrosopiperidine		0.21	ND(0.65)	NA	NA
N-Nitrosopyrrolidine		0.21	ND(0.82)	NA	NA
o,o,o-Triethylphosphorothioate		11	ND(0.65)	NA	NA
o-Toluidine		1.9	ND(0.65)	NA	NA
p-Dimethylaminoazobenzene		0.99	ND(0.82)	NA	NA
Pentachlorobenzene		44	ND(0.65)	NA	NA
Pentachloroethane		2.8	ND(0.65)	NA	NA
Pentachloronitrobenzene		1.7	ND(0.82) J	NA	NA
Pentachlorophenol		2.5	ND(3.3)	NA	NA
Phenacetin		640	ND(0.82)	NA	NA
Phenanthrene		55	2.8	NA	NA
Phenol		33000	ND(0.65)	NA	NA
Pronamide		4100	ND(0.65)	NA	NA
Pyrene		1500	5.1	NA	NA
Pyridine		55	ND(0.65)	NA	NA
Safrole		Not Listed	ND(0.65)	NA	NA
Thionazin		330	ND(0.65)	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Data Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2 1-3 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Furans					
2,3,7,8-TCDF		Not Applicable	0.00016 Y	0.0000049 Y	0.0000011 J
TCDFs (total)		Not Applicable	0.0037	0.000046	0.000060
1,2,3,7,8-PeCDF		Not Applicable	0.00046 I	0.0000025 J	0.0000032 J
2,3,4,7,8-PeCDF		Not Applicable	0.00013	0.0000040 J	0.0000071 J
PeCDFs (total)		Not Applicable	0.00067	0.000046	0.00010
1,2,3,4,7,8-HxCDF		Not Applicable	0.0058 I	0.0000033 J	0.0000047 J
1,2,3,6,7,8-HxCDF		Not Applicable	0.00015	0.0000026 J	0.0000045 J
1,2,3,7,8,9-HxCDF		Not Applicable	ND(0.000025)	ND(0.0000012)	ND(0.0000015)
2,3,4,6,7,8-HxCDF		Not Applicable	0.000078	0.0000045 J	0.000010 J
HxCDFs (total)		Not Applicable	0.0086	0.000058	0.00014
1,2,3,4,7,8-HpCDF		Not Applicable	0.00044	0.000014	0.000025
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00018	0.0000013 J	0.0000020 J
HpCDFs (total)		Not Applicable	0.00066	0.000035	0.000062
OCDF		Not Applicable	0.00033	0.000022 J	0.000034
Dioxins					
2,3,7,8-TCDD		Not Applicable	ND(0.00039) X	ND(0.00000042)	ND(0.00000029)
TCDDs (total)		Not Applicable	0.00043	0.0000012 J	0.0000028
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000062)	ND(0.0000012)	0.0000012 J
PeCDDs (total)		Not Applicable	ND(0.000062)	0.0000016 J	0.0000035 J
1,2,3,4,7,8-HxCDD		Not Applicable	0.00011	ND(0.0000012)	0.0000014 J
1,2,3,6,7,8-HxCDD		Not Applicable	0.00011	0.0000022 J	0.0000034 J
1,2,3,7,8,9-HxCDD		Not Applicable	0.00010	0.0000016 J	0.0000024 J
HxCDDs (total)		Not Applicable	0.00033	0.000017	0.000027
1,2,3,4,6,7,8-HpCDD		Not Applicable	ND(0.00046) X	0.000043	0.000064
HpCDDs (total)		Not Applicable	0.00039	0.00011	0.00012
OCDD		Not Applicable	0.00077	0.00028	0.00053
Total TEQs (WHO TEFs)		Not Applicable	0.00097	0.0000056	0.0000088
Inorganics					
Antimony		30	ND(6.00)	NA	NA
Arsenic		0.38	7.00	NA	NA
Barium		5200	140	NA	NA
Beryllium		150	0.340 B	NA	NA
Cadmium		37	1.60	NA	NA
Chromium		210	11.0	NA	NA
Cobalt		3300	13.0	NA	NA
Copper		2800	120	NA	NA
Cyanide		11	0.180 B	NA	NA
Lead		400	370	NA	NA
Mercury		22	0.350	NA	NA
Nickel		1500	28.0	NA	NA
Selenium		370	1.10 J	NA	NA
Silver		370	0.500 B	NA	NA
Sulfide		350	150	NA	NA
Thallium		6	ND(1.20) J	NA	NA
Tin		45000	23.0	NA	NA
Vanadium		520	7.80	NA	NA
Zinc		22000	150	NA	NA

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Volatile Organics					
1,1,1,2-Tetrachloroethane		2.8	NA	ND(0.0064)	ND(0.0073)
1,1,1-Trichloroethane		680	NA	ND(0.0064)	ND(0.0073)
1,1,2-Tetrachloroethane		0.36	NA	ND(0.0064)	ND(0.0073)
1,1,2-Trichloroethane		0.82	NA	ND(0.0064)	ND(0.0073)
1,1-Dichloroethane		570	NA	ND(0.0064)	ND(0.0073)
1,1-Dichloroethene		0.052	NA	ND(0.0064)	ND(0.0073)
1,2,3-Trichloropropane		0.0014	NA	ND(0.0064)	ND(0.0073)
1,2-Dibromo-3-chloropropane		0.32	NA	ND(0.0064)	ND(0.0073)
1,2-Dibromoethane		0.0049	NA	ND(0.0064)	ND(0.0073)
1,2-Dichloroethane		0.34	NA	ND(0.0064)	ND(0.0073)
1,2-Dichloropropane		0.34	NA	ND(0.0064)	ND(0.0073)
1,4-Dioxane		40	NA	ND(0.13) J	ND(0.14) J
2-Butanone		6900	NA	ND(0.013)	ND(0.014)
2-Chloro-1,3-butadiene		3.6	NA	ND(0.0064)	ND(0.0073)
2-Chloroethylvinylether		0.18	NA	ND(0.0064)	ND(0.0073)
2-Hexanone		750	NA	ND(0.013)	ND(0.014)
3-Chloropropene		2700	NA	ND(0.0064)	ND(0.0073)
4-Methyl-2-pentanone		750	NA	ND(0.013)	ND(0.014)
Acetone		1400	NA	ND(0.025)	ND(0.029)
Acetonitrile		200	NA	ND(0.13) J	ND(0.14) J
Acrolein		0.1	NA	ND(0.13) J	ND(0.14) J
Acrylonitrile		0.19	NA	ND(0.0064)	ND(0.0073)
Benzene		0.62	NA	ND(0.0064)	ND(0.0073)
Bromodichloromethane		0.98	NA	ND(0.0064)	ND(0.0073)
Bromoform		56	NA	ND(0.0064)	ND(0.0073)
Bromomethane		3.8	NA	ND(0.0064)	ND(0.0073)
Carbon Disulfide		350	NA	ND(0.0064) J	ND(0.0073) J
Carbon Tetrachloride		0.23	NA	ND(0.0064)	ND(0.0073)
Chlorobenzene		54	NA	ND(0.0064)	ND(0.0073)
Chloroethane		1600	NA	ND(0.0064)	ND(0.0073)
Chloroform		0.24	NA	ND(0.0064)	ND(0.0073)
Chloromethane		1.2	NA	ND(0.0064)	ND(0.0073)
cis-1,3-Dichloropropene		Not Listed	NA	ND(0.0064)	ND(0.0073)
Dibromochloromethane		5.3	NA	ND(0.0064)	ND(0.0073)
Dibromomethane		550	NA	ND(0.0064)	ND(0.0073)
Dichlorodifluoromethane		94	NA	ND(0.0064)	ND(0.0073)
Ethyl Methacrylate		140	NA	ND(0.0064)	ND(0.0073)
Ethylbenzene		230	NA	ND(0.0064)	ND(0.0073)
Iodomethane		1.2	NA	ND(0.0064) J	ND(0.0073) J
Isobutanol		10000	NA	ND(0.13) J	ND(0.14) J
Methacrylonitrile		1.8	NA	ND(0.0064)	ND(0.0073)
Methyl Methacrylate		2200	NA	ND(0.0064)	ND(0.0073)
Methylene Chloride		8.5	NA	ND(0.0064)	ND(0.0073)
Propionitrile		200	NA	ND(0.013)	ND(0.014)
Styrene		1700	NA	ND(0.0064)	ND(0.0073)
Tetrachloroethene		4.7	NA	ND(0.0064)	ND(0.0073)
Toluene		520	NA	ND(0.0064)	ND(0.0073)
trans-1,2-Dichloroethene		62	NA	ND(0.0064)	ND(0.0073)
trans-1,3-Dichloropropene		Not Listed	NA	ND(0.0064)	ND(0.0073)
trans-1,4-Dichloro-2-butene		Not Listed	NA	ND(0.0064)	ND(0.0073)
Trichloroethene		2.7	NA	ND(0.0064)	ND(0.0073)
Trichlorofluoromethane		380	NA	ND(0.0064)	ND(0.0073)
Vinyl Acetate		420	NA	ND(0.0064)	ND(0.0073)
Vinyl Chloride		0.021	NA	ND(0.0064)	ND(0.0073)
Xylenes (total)		210	NA	ND(0.0064)	ND(0.0073)

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		16	NA	ND(0.89)	ND(0.48)
1,2,4-Trichlorobenzene		480	NA	ND(0.89)	ND(0.48)
1,2-Dichlorobenzene		370	NA	ND(0.89)	ND(0.48)
1,2-Diphenylhydrazine		0.56	NA	ND(0.89)	ND(0.48)
1,3,5-Trinitrobenzene		1600	NA	ND(0.89)	ND(0.48)
1,3-Dichlorobenzene		41	NA	ND(0.89)	ND(0.48)
1,3-Dinitrobenzene		5.5	NA	ND(0.89)	ND(0.97)
1,4-Dichlorobenzene		3	NA	ND(0.89)	ND(0.48)
1,4-Naphthoquinone		55	NA	ND(0.89)	ND(0.97)
1-Naphthylamine		Not Listed	NA	ND(0.89)	ND(0.97)
2,3,4,6-Tetrachlorophenol		1600	NA	ND(0.89)	ND(0.48)
2,4,5-Trichlorophenol		5500	NA	ND(0.89)	ND(0.48)
2,4,6-Trichlorophenol		40	NA	ND(0.89)	ND(0.48)
2,4-Dichlorophenol		160	NA	ND(0.89)	ND(0.48)
2,4-Dimethylphenol		1100	NA	ND(0.89)	ND(0.48)
2,4-Dinitrophenol		110	NA	ND(4.4) J	ND(2.5) J
2,4-Dinitrotoluene		110	NA	ND(0.89)	ND(0.48)
2,6-Dichlorophenol		160	NA	ND(0.89)	ND(0.48)
2,6-Dinitrotoluene		55	NA	ND(0.89)	ND(0.48)
2-Acetylaminofluorene		0.56	NA	ND(0.89)	ND(0.97)
2-Chloronaphthalene		3700	NA	ND(0.89)	ND(0.48)
2-Chlorophenol		59	NA	ND(0.89)	ND(0.48)
2-Methylnaphthalene		55	NA	ND(0.89)	ND(0.48)
2-Methylphenol		2700	NA	0.94	0.37 J
2-Naphthylamine		Not Listed	NA	ND(0.89)	ND(0.97)
2-Nitroaniline		3.3	NA	ND(4.4)	ND(2.5)
2-Nitrophenol		Not Listed	NA	ND(0.89)	ND(0.97)
2-Picoline		55	NA	ND(0.89)	ND(0.48)
3&4-Methylphenol		270	NA	1.5	0.46 J
3,3'-Dichlorobenzidine		0.99	NA	ND(1.8)	ND(0.97)
3,3'-Dimethylbenzidine		0.048	NA	ND(0.89)	ND(0.48)
3-Methylcholanthrene		0.056	NA	ND(0.89)	ND(0.97)
3-Nitroaniline		5.5	NA	ND(4.4)	ND(2.5)
4,6-Dinitro-2-methylphenol		55	NA	ND(0.89)	ND(0.48)
4-Aminobiphenyl		1400	NA	ND(0.89)	ND(0.97)
4-Bromophenyl-phenylether		160	NA	ND(0.89)	ND(0.48)
4-Chloro-3-Methylphenol		2700	NA	ND(0.89)	ND(0.48)
4-Chloroaniline		220	NA	ND(0.89)	ND(0.48)
4-Chlorobenzilate		1.6	NA	ND(0.89)	ND(0.97)
4-Chlorophenyl-phenylether		Not Listed	NA	ND(0.89)	ND(0.48)
4-Nitroaniline		5.5	NA	ND(2.2)	ND(2.5)
4-Nitrophenol		3400	NA	ND(4.4) J	ND(2.5) J
4-Nitroquinoline-1-oxide		110	NA	ND(0.89)	ND(0.97)
4-Phenylenediamine		10000	NA	ND(0.89)	ND(0.97)
5-Nitro-o-toluidine		13	NA	ND(0.89)	ND(0.97)
7,12-Dimethylbenz(a)anthracene		0.056	NA	ND(0.89)	ND(0.97)
a,a'-Dimethylphenethylamine		55	NA	ND(0.89)	ND(0.97)
Acenaphthene		2600	NA	ND(0.89)	ND(0.48)
Acenaphthylene		55	NA	ND(0.89)	ND(0.48)
Acetophenone		0.49	NA	ND(0.89)	ND(0.48)
Aniline		78	NA	0.45 J	0.34 J
Anthracene		14000	NA	ND(0.89)	0.22 J
Aramite		18	NA	ND(0.89)	ND(0.97)
Benzidine		0.0019	NA	ND(1.8) J	ND(0.97) J
Benzo(a)anthracene		0.56	NA	0.60 J	0.43 J
Benzo(a)pyrene		0.056	NA	0.59 J	0.36 J
Benzo(b)fluoranthene		0.56	NA	0.99	0.49
Benzo(g,h,i)perylene		55	NA	0.65 J	0.33 J
Benzo(k)fluoranthene		5.6	NA	0.38 J	0.18 J

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Semivolatile Organics (continued)					
Benzyl Alcohol		16000	NA	ND(1.8)	ND(0.97)
bis(2-Chloroethoxy)methane		Not Listed	NA	ND(0.89)	ND(0.48)
bis(2-Chloroethyl)ether		0.18	NA	ND(0.89)	ND(0.48)
bis(2-Chloroisopropyl)ether		2.5	NA	ND(0.89)	ND(0.48)
bis(2-Ethylhexyl)phthalate		32	NA	1.1	0.36 J
Butylbenzylphthalate		930	NA	1.5	ND(0.48)
Chrysene		56	NA	0.69 J	0.44 J
Diallate		7.3	NA	ND(0.89)	ND(0.97)
Dibenzo(a,h)anthracene		0.056	NA	ND(0.89)	ND(0.48)
Dibenzofuran		210	NA	ND(0.89)	ND(0.48)
Diethylphthalate		44000	NA	ND(0.89)	ND(0.48)
Dimethylphthalate		100000	NA	ND(0.89)	ND(0.48)
Di-n-Butylphthalate		5500	NA	ND(0.89)	ND(0.48)
Di-n-Octylphthalate		1100	NA	ND(0.89)	ND(0.48)
Diphenylamine		1400	NA	ND(0.89)	ND(0.48)
Ethyl Methanesulfonate		Not Listed	NA	ND(0.89)	ND(0.48)
Fluoranthene		2000	NA	1.5	1.1
Fluorene		1800	NA	ND(0.89)	0.13 J
Hexachlorobenzene		0.28	NA	ND(0.89)	ND(0.48)
Hexachlorobutadiene		5.7	NA	ND(0.89)	ND(0.48)
Hexachlorocyclopentadiene		380	NA	ND(0.89) J	ND(0.48) J
Hexachloroethane		32	NA	ND(0.89)	ND(0.48)
Hexachlorophene		16	NA	ND(1.8) J	ND(0.97) J
Hexachloropropene		Not Listed	NA	ND(0.89)	ND(0.48)
Indeno(1,2,3-cd)pyrene		0.56	NA	0.50 J	0.24 J
Isodrin		Not Listed	NA	ND(0.89)	ND(0.48)
Isophorone		470	NA	ND(0.89)	ND(0.48)
Isosafrole		Not Listed	NA	ND(0.89)	ND(0.97)
Methapyrilene		55	NA	ND(0.89)	ND(0.97)
Methyl Methanesulfonate		Not Listed	NA	ND(0.89)	ND(0.48)
Naphthalene		55	NA	ND(0.89)	ND(0.48)
Nitrobenzene		16	NA	ND(0.89)	ND(0.48)
N-Nitrosodiethylamine		0.003	NA	ND(0.89)	ND(0.48)
N-Nitrosodimethylamine		0.0087	NA	ND(0.89)	ND(0.48)
N-Nitroso-di-n-butylamine		0.022	NA	ND(0.89)	ND(0.97)
N-Nitroso-di-n-propylamine		0.063	NA	ND(0.89)	ND(0.48)
N-Nitrosodiphenylamine		91	NA	ND(0.89)	ND(0.48)
N-Nitrosomethylethylamine		0.02	NA	ND(0.89)	ND(0.97)
N-Nitrosomorpholine		0.21	NA	ND(0.89)	ND(0.48)
N-Nitrosopiperidine		0.21	NA	ND(0.89)	ND(0.48)
N-Nitrosopyrrolidine		0.21	NA	ND(0.89)	ND(0.97)
o,o,o-Triethylphosphorothioate		11	NA	ND(0.89)	ND(0.48)
o-Toluidine		1.9	NA	ND(0.89)	ND(0.48)
p-Dimethylaminoazobenzene		0.99	NA	ND(0.89)	ND(0.97)
Pentachlorobenzene		44	NA	ND(0.89)	ND(0.48)
Pentachloroethane		2.8	NA	ND(0.89)	ND(0.48)
Pentachloronitrobenzene		1.7	NA	ND(0.89) J	ND(0.97) J
Pentachlorophenol		2.5	NA	ND(4.4)	ND(2.5)
Phenacetin		640	NA	ND(0.89)	ND(0.97)
Phenanthrene		55	NA	0.68 J	0.71
Phenol		33000	NA	4.3	1.5
Pronamide		4100	NA	ND(0.89)	ND(0.48)
Pyrene		1500	NA	1.2	1.0
Pyridine		55	NA	ND(0.89)	ND(0.48)
Safrole		Not Listed	NA	ND(0.89)	ND(0.48)
Thionazin		330	NA	ND(0.89) J	ND(0.48) J

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	EPA Region 9 Residential PRGs	RA-5-SB-2-W 0-1 10/11/05	RA-5-SB-5 0-1 06/12/03	RA-5-SB-5 1-3 06/12/03
Furans					
2,3,7,8-TCDF		Not Applicable	0.00021 Y [0.00019 Y]	0.000022 Y	0.000034 Y
TCDFs (total)		Not Applicable	0.0063 I [0.0059]	0.00019	0.00057
1,2,3,7,8-PeCDF		Not Applicable	0.000054 J [0.000062 J]	0.000029 I	0.000054 I
2,3,4,7,8-PeCDF		Not Applicable	0.00078 [0.00090]	0.000024	0.000032
PeCDFs (total)		Not Applicable	0.0090 I [0.011]	0.00060	0.00038
1,2,3,4,7,8-HxCDF		Not Applicable	0.00047 [0.00042]	0.00060 I	ND(0.0000088)
1,2,3,6,7,8-HxCDF		Not Applicable	0.00032 [0.00030]	0.000028	0.000026
1,2,3,7,8,9-HxCDF		Not Applicable	0.00011 [0.00011]	ND(0.0000020)	ND(0.000011)
2,3,4,6,7,8-HxCDF		Not Applicable	0.00063 [0.00074]	0.000051	0.000044
HxCDFs (total)		Not Applicable	0.010 [0.012]	0.0023	0.0014
1,2,3,4,6,7,8-HpCDF		Not Applicable	0.00095 [0.00090]	0.00057	0.00034
1,2,3,4,7,8,9-HpCDF		Not Applicable	0.00021 [0.00018]	ND(0.000028) X	ND(0.000033) X
HpCDFs (total)		Not Applicable	0.0025 [0.0025]	0.00057	0.00034
OCDF		Not Applicable	0.00053 [0.00048]	0.0013	0.00068
Dioxins					
2,3,7,8-TCDD		Not Applicable	0.0000088 J [0.0000079 J]	ND(0.0000015)	ND(0.0000092)
TCDDs (total)		Not Applicable	0.00023 [0.00022]	ND(0.0000015)	ND(0.0000092)
1,2,3,7,8-PeCDD		Not Applicable	ND(0.000075) X [ND(0.000086) X]	ND(0.000010)	ND(0.000030)
PeCDDs (total)		Not Applicable	0.00044 [0.00046 Q]	ND(0.000010)	ND(0.000030)
1,2,3,4,7,8-HxCDD		Not Applicable	0.000053 J [0.000064 J]	0.000029	ND(0.000019)
1,2,3,6,7,8-HxCDD		Not Applicable	0.00010 [0.00012]	0.000088	0.000054
1,2,3,7,8,9-HxCDD		Not Applicable	0.000098 [0.00012]	0.000058	ND(0.000017)
HxCDDs (total)		Not Applicable	0.0010 [0.0011]	0.00018	0.000054
1,2,3,4,6,7,8-HpCDD		Not Applicable	0.0012 [0.0013]	0.0018	0.00092
HpCDDs (total)		Not Applicable	0.0021 [0.0023]	0.0029	0.0015
OCDD		Not Applicable	0.0036 [0.0036]	0.0097	0.0046
Total TEQs (WHO TEFs)		Not Applicable	0.00066 [0.00073]	0.00013	0.000070
Inorganics					
Antimony		30	NA	4.30 B	ND(6.00)
Arsenic		0.38	NA	5.90	1.90
Barium		5200	NA	54.0	1600
Beryllium		150	NA	0.240 B	0.710
Cadmium		37	NA	1.00	0.450 B
Chromium		210	NA	34.0	26.0
Cobalt		3300	NA	11.0	8.10
Copper		2800	NA	89.0	37.0
Cyanide		11	NA	0.0780 B	0.540 B
Lead		400	NA	190	8.20
Mercury		22	NA	0.0910 B	0.230
Nickel		1500	NA	26.0	19.0
Selenium		370	NA	ND(1.30) J	ND(1.40) J
Silver		370	NA	0.190 B	0.400 B
Sulfide		350	NA	14.0	77.0
Thallium		6	NA	7.70 J	4.80 J
Tin		45000	NA	ND(10.0)	ND(11.0)
Vanadium		520	NA	22.0	25.0
Zinc		22000	NA	330	65.0

**TABLE E-143
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA 5 (RA-5)**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by GE subcontractors and submitted for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Estimated Value.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- Q - Indicates the presence of quantitative interferences.
- X - Estimated Maximum Possible Concentration
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Estimated Value.

TABLE E-144
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA 5 (RA-5)

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 5)
Semivolatile Organics			
1,3-Dichlorobenzene	0.31	41	No
1,4-Dichlorobenzene	0.69	3	No
2,4-Dimethylphenol	0.76	1,100	No
2-Methylnaphthalene	21	55*	No
2-Methylphenol	5.6	2,700	No
3&4-Methylphenol	12	270*	No
4-Nitrophenol	4.1	3,400	No
Acenaphthene	26	2,600	No
Acenaphthylene	39	55*	No
Aniline	180	78	Yes
Anthracene	80	14,000	No
Benzo(a)anthracene	130	0.56	Yes
Benzo(a)pyrene	100	0.056	Yes
Benzo(b)fluoranthene	82	0.56	Yes
Benzo(g,h,i)perylene	60	55*	Yes
Benzo(k)fluoranthene	90	5.6	Yes
bis(2-Ethylhexyl)phthalate	1.1	32	No
Butylbenzylphthalate	1.5	930	No
Chrysene	110	56	Yes
Dibenzo(a,h)anthracene	24	0.056	Yes
Dibenzofuran	37	210	No
Fluoranthene	240	2,000	No
Fluorene	39	1,800	No
Indeno(1,2,3-cd)pyrene	65	0.56	Yes
Naphthalene	20	55	No
Phenanthrene	320	55*	Yes
Phenol	9.6	33,000	No
Pyrene	340	1,500	No
Inorganics			
Antimony	4.3	30	No
Arsenic	9.5	0.38	Yes
Barium	1600	5,200	No
Beryllium	0.71	150	No
Cadmium	5.1	37	No
Chromium	34	210	No
Cobalt	13	3,300	No
Copper	220	2,800	No
Cyanide	0.98	11*	No
Lead	370	400	No
Mercury	4.8	22	No
Nickel	28	1,500	No
Selenium	1.4	370	No
Silver	4.7	370	No
Sulfide	290	350*	No
Thallium	7.7	6	Yes
Tin	27	45,000	No
Vanadium	25	520	No
Zinc	330	22,000	No

- Notes:
1. PRG = Preliminary Remediation Goal.
 2. Per Attachment F to Statement of Work for Removal Actions Outside the River (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
 3. The PRGs listed in this column consist of EPA Region 9 residential soil PRGs for the constituents listed or, for certain constituents, surrogate Region 9 PRGs previously approved by EPA as identified in Section 3.3.3 of this Work Plan. The PRGs listed are those set forth in Exhibit F-1 to Attachment F to the SOW.
 4. * = No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e., 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene), 3&4-methylphenol, cyanide, or sulfide. The PRGs for naphthalene, 4-methylphenol, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
 5. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.

**TABLE E-145
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	19-9-34-SB-1 0-1 09/16/03	19-9-34-SB-4 0-1 09/16/03	RA-5-SB-5 0-1 06/12/03	COMP-19-9-34-SB-1 0-1 (See Note 2)	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatile Organics							
Aniline	1.3	0.80	0.45	0.9	180	--	--
Benzo(a)anthracene	47	0.52	0.60	16	1.2	--	--
Benzo(a)pyrene	37	0.68	0.59	13	0.82	--	--
Benzo(b)fluoranthene	28	0.34	0.99	10	1.5	--	--
Benzo(g,h,i)perylene	12	0.80	0.68	4	4.6	--	--
Benzo(k)fluoranthene	36	0.80	0.38	12	0.52	--	--
Chrysene	42	0.65	0.69	14	1.6	--	--
Dibenzo(a,h)anthracene	3.6	0.80	0.45	1.6	0.60	--	--
Indeno(1,2,3-cd)pyrene	16	0.80	0.50	6	0.57	--	--
Phenanthrene	28	0.72	0.68	10	4.6	--	--
Dioxins/Furans							
Total TEQs (WHO TEFs)	9.60E-05	(See Note 1)	--	--	4.10E-03	5.60E-06	8.80E-06
Inorganics							
Arsenic	7.20	(See Note 1)	--	--	7.10	--	--
Thallium	0.650	(See Note 1)	--	--	1.10	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2-W 0-1 10/11/05	COMP-RA-5-SB-2 0-1 (See Note 3)	RA-5-SB-5 0-1 06/12/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics							
Aniline	--	--	0.45	N/A (See Note 8)	60	Not Listed	Yes
Benzo(a)anthracene	--	--	0.60	N/A (See Note 8)	5.9	7	No
Benzo(a)pyrene	--	--	0.59	N/A (See Note 8)	4.7	2	Yes
Benzo(b)fluoranthene	--	--	0.99	N/A (See Note 8)	4.1	7	No
Benzo(g,h,i)perylene	--	--	0.68	N/A (See Note 8)	3.3	1,000	No
Benzo(k)fluoranthene	--	--	0.38	N/A (See Note 8)	4.4	70	No
Chrysene	--	--	0.69	N/A (See Note 8)	5.6	7	No
Dibenzo(a,h)anthracene	--	--	0.45	N/A (See Note 8)	0.89	0.7	Yes
Indeno(1,2,3-cd)pyrene	--	--	0.50	N/A (See Note 8)	2.3	7	No
Phenanthrene	--	--	0.68	N/A (See Note 8)	5.0	100	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	7.30E-04	4.10E-03	1.30E-04	4.10E-03	N/A (See Note 8)	1.00E-03	Yes
Inorganics							
Arsenic	--	--	5.90	N/A (See Note 8)	6.73	20	No
Thallium	--	--	7.70	N/A (See Note 8)	3.15	8	No

See Notes on Page 2

TABLE E-145
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented are used to delineate sample I9-9-34-SB-1 (0-1') to the west. The Total TEQs and inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-34.
2. The SVOC result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-34-SB-1 (0-1'; 9/16/03), I9-9-34-SB-4 (0-1'; 9/16/03), and RA-5-SB-5 (0-1'; 6/12/03).
3. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-5-SB-2-N (0-1'; 10/10/05), RA-5-SB-2-S (0-1'; 10/10/05), RA-5-SB-2-W (0-1'; 10/11/05), and RA-5-SB-2 (0-1'; 6/12/03).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
10. -- = Constituent not subject to analysis.

TABLE E-146
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 1-3 06/12/03	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Comparison Criteria? (See Note 5)
Semivolatile Organics								
Aniline	1.7	0.34	0.18	81	N/A (See Note 5)	21	Not Listed	Yes
Benzo(a)anthracene	1.5	0.43	130	66	N/A (See Note 5)	49	7	Yes
Benzo(a)pyrene	1.4	0.36	100	43	N/A (See Note 5)	36	2	Yes
Benzo(b)fluoranthene	1.4	0.49	82	32	N/A (See Note 5)	29	7	Yes
Benzo(g,h,i)perylene	0.33	0.33	60	21	N/A (See Note 5)	20	1,000	No
Benzo(k)fluoranthene	1.5	0.18	90	35	N/A (See Note 5)	32	70	No
Chrysene	2.5	0.44	110	61	N/A (See Note 5)	43	7	Yes
Dibenzo(a,h)anthracene	0.33	0.24	24	3.8	N/A (See Note 5)	7.1	0.7	Yes
Indeno(1,2,3-cd)pyrene	0.77	0.24	65	19	N/A (See Note 5)	21	7	Yes
Phenanthrene	2.8	0.71	320	85	N/A (See Note 5)	102	100	Yes
Dioxins/Furans								
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05	4.00E-06	--	9.70E-04	N/A (See Note 5)	1.50E-03	No
Inorganics								
Arsenic	7.00	1.90	9.50	--	N/A (See Note 5)	6.13	20	No
Thallium	0.600	4.80	0.500	--	N/A (See Note 5)	1.97	8	No

Notes:

- Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
- With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
- Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
- The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
- Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
- = Constituent not subject to analysis.

**TABLE E-147
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT**

**CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)**

Sample ID: Sample Depth(Feet): Date Collected:	19-9-34-SB-1 0-1 09/16/03	19-9-34-SB-4 0-1 09/16/03	RA-5-SB-5 0-1 06/12/03	COMP-19-9-34-SB-1 0-1 (See Note 2)	RA-5-SB-2 0-1 06/12/03	RA-5-SB-2-N 0-1 10/10/05	RA-5-SB-2-S 0-1 10/10/05
Semivolatile Organics							
Aniline	0.192	0.80	0.45	0.48	180 (See Note 12)	--	--
Benzo(a)anthracene	0.198	0.52	0.60	0.44	1.2	--	--
Benzo(a)pyrene	0.198	0.68	0.59	0.49	0.82	--	--
Benzo(b)fluoranthene	0.198	0.34	0.99	0.51	1.5	--	--
Benzo(g,h,i)perylene	0.198	0.80	0.68	0.56	4.6	--	--
Benzo(k)fluoranthene	0.198	0.80	0.38	0.46	0.52	--	--
Chrysene	0.198	0.65	0.69	0.51	1.6	--	--
Dibenzo(a,h)anthracene	0.256	0.80	0.45	0.50	0.60	--	--
Indeno(1,2,3-cd)pyrene	0.256	0.80	0.50	0.52	0.57	--	--
Phenanthrene	0.198	0.72	0.68	0.53	4.6		
Dioxins/Furans							
Total TEQs (WHO TEFs)	9.60E-05	(See Note 1)	--	--	1.00E-06	5.60E-06	8.80E-06
Inorganics							
Arsenic	7.20	(See Note 1)	--	--	7.10	--	--
Thallium	0.650	(See Note 1)	--	--	1.10	--	--

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2-W 0-1 10/11/05	COMP-RA-5-SB-2 0-1 (See Note 3)	RA-5-SB-5 0-1 06/12/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Comparison Criteria? (See Note 8)
Semivolatile Organics							
Aniline	--	--	0.45 (See Note 12)	N/A (See Note 8)	60 (See Note 12)	Not Listed	(See Note 12)
Benzo(a)anthracene	--	--	0.60	N/A (See Note 8)	0.75	7	No
Benzo(a)pyrene	--	--	0.59	N/A (See Note 8)	0.63	2	No
Benzo(b)fluoranthene	--	--	0.99	N/A (See Note 8)	1.0	7	No
Benzo(g,h,i)perylene	--	--	0.68	N/A (See Note 8)	1.9	1,000	No
Benzo(k)fluoranthene	--	--	0.38	N/A (See Note 8)	0.45	70	No
Chrysene	--	--	0.69	N/A (See Note 8)	0.93	7	No
Dibenzo(a,h)anthracene	--	--	0.45	N/A (See Note 8)	0.52	0.7	No
Indeno(1,2,3-cd)pyrene	--	--	0.50	N/A (See Note 8)	0.53	7	No
Phenanthrene	--	--	0.68	N/A (See Note 8)	1.9	100	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	7.30E-04	7.30E-04	1.30E-04	7.30E-04	N/A (See Note 8)	1.00E-03	No
Inorganics							
Arsenic	--	--	5.90	N/A (See Note 8)	6.73	20	No
Thallium	--	--	7.70	N/A (See Note 8)	3.15	8	No

See Notes on Page 2

TABLE E-147
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented are used to delineate sample I9-9-34-SB-1 (0-1') to the west. The Total TEQs and inorganic results are not presented herein, as these results are included in the evaluation of Parcel I9-9-34.
2. The SVOC result presented for this sample location represents the average result from the following samples (depth; date collected): I9-9-34-SB-1 (0-1'; 9/16/03), I9-9-34-SB-4 (0-1'; 9/16/03), and RA-5-SB-5 (0-1'; 6/12/03).
3. The Total TEQs result presented for this sample location represents the maximum result from the following samples (depth; date collected): RA-5-SB-2-N (0-1'; 10/10/05), RA-5-SB-2-S (0-1'; 10/10/05), RA-5-SB-2-W (0-1'; 10/11/05), and RA-5-SB-2 (0-1'; 6/12/03).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
10. -- = Constituent not subject to analysis.
11. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
12. Given that: (1) the average existing concentration in the 0- to 1-foot depth increment (60 ppm) is below the EPA PRG for aniline (78 ppm); and (2) the soil in and around location RA-5-SB-2 will be removed to a depth of 1 foot below ground surface to address PCBs and dioxins/furans, GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

TABLE E-148
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth(Feet): Date Collected:	RA-5-SB-2 1-3 06/12/03	RA-5-SB-5 1-3 06/12/03	I9-9-34-SB-1-NW 1-3 10/11/05	I9-9-34-SB-1 1-3 09/16/03	I9-9-34-SB-1-NE 1-3 10/11/05
Semivolatile Organics					
Aniline	1.7 (See Note 9)	0.34 (See Note 9)	0.19	0.192	0.192
Benzo(a)anthracene	1.5	0.43	2.0	0.198	0.198
Benzo(a)pyrene	1.4	0.36	1.6	0.198	0.198
Benzo(b)fluoranthene	1.4	0.49	1.4	0.198	0.198
Benzo(g,h,i)perylene	0.33	0.33	0.91	0.198	0.198
Benzo(k)fluoranthene	1.5	0.18	1.6	0.198	0.198
Chrysene	2.5	0.44	2.0	0.198	0.198
Dibenzo(a,h)anthracene	0.33	0.24	0.19	0.256	0.256
Indeno(1,2,3-cd)pyrene	0.77	0.24	0.82	0.256	0.256
Phenanthrene	2.8	0.71	1.1	0.198	0.198
Dioxins/Furans					
Total TEQs (WHO TEFs)	9.70E-04	7.00E-05		4.00E-06	--
Inorganics					
Arsenic	7.00	1.90	--	9.50	--
Thallium	0.600	4.80	--	0.500	--

Sample ID: Sample Depth(Feet): Date Collected:	COMP-I9-9-34-SB-1 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Comparison Criteria? (See Note 6)
Semivolatile Organics					
Aniline	0.23	N/A (See Note 6)	0.76 (See Note 9)	Not Listed	(See Note 9)
Benzo(a)anthracene	0.71	N/A (See Note 6)	0.88	7	No
Benzo(a)pyrene	0.59	N/A (See Note 6)	0.78	2	No
Benzo(b)fluoranthene	0.57	N/A (See Note 6)	0.82	7	No
Benzo(g,h,i)perylene	0.41	N/A (See Note 6)	0.36	1,000	No
Benzo(k)fluoranthene	0.54	N/A (See Note 6)	0.74	70	No
Chrysene	0.71	N/A (See Note 6)	1.2	7	No
Dibenzo(a,h)anthracene	0.24	N/A (See Note 6)	0.27	0.7	No
Indeno(1,2,3-cd)pyrene	0.39	N/A (See Note 6)	0.47	7	No
Phenanthrene	0.55	N/A (See Note 6)	1.4	100	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	9.70E-04	N/A (See Note 6)	1.50E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	6.13	20	No
Thallium	--	N/A (See Note 6)	1.97	8	No

See Notes on Page 2

TABLE E-148
POST-REMEDATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA 5 (RA-5): 1- TO 3-FOOT DEPTH INCREMENT

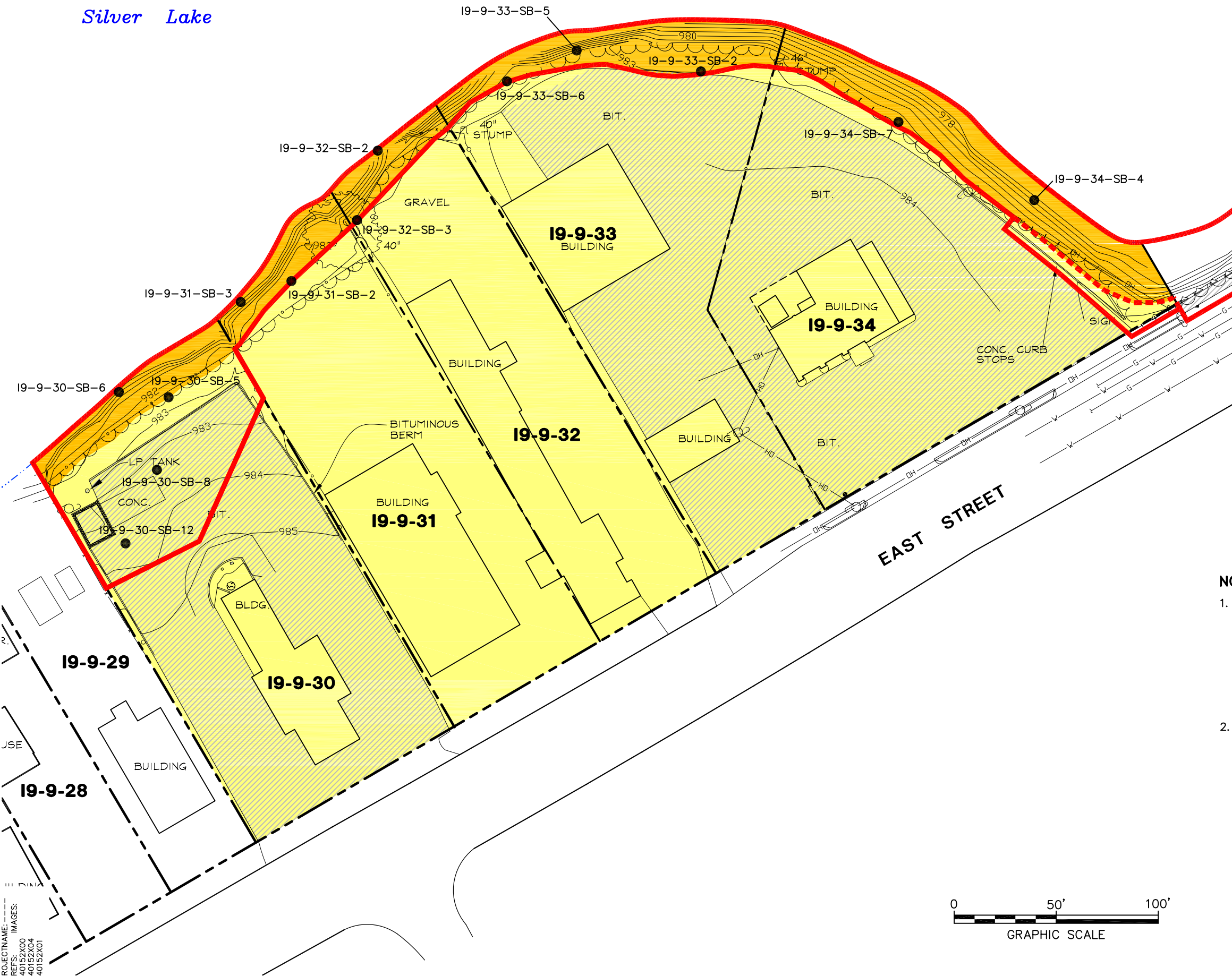
CONCEPTUAL RD/RA WORK PLAN FOR SOILS ADJACENT TO SILVER LAKE
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average result from the following samples (depth; date collected): I9-9-34-SB-1-NE (1-3'; 10/11/05), I9-9-34-SB-1-NW (1-3'; 10/25/05), RA-5-SB-5 (1-3'; 6/12/03), and I9-9-34-SB-1 (1-3', 9/16/03).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, each constituent evaluated above has a maximum sample result that exceeds its respective EPA Region 9 Residential PRG or surrogate PRG.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River (SOW)* or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.
9. Given that the average existing concentration in the 1- to 3-foot depth increment (0.76 ppm) is well below the EPA PRG for aniline (78 ppm), GE does not believe that there is a need for delineation sampling or additional remediation for aniline at this parcel.

Silver Lake

[SYR-85-DMW LEAD] SYR-85-BGP KEW GMS LAYER: ON=*, OFF=*REF*, [AREAS, |armor-edge, |PROPERTY LINEHIDDEN, |TEXT-BLOWOFF, |u-oh-high, |SHD-OFFSITE
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 40152X04
 40152X01

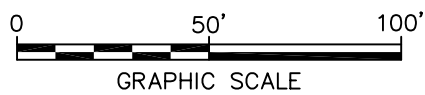


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

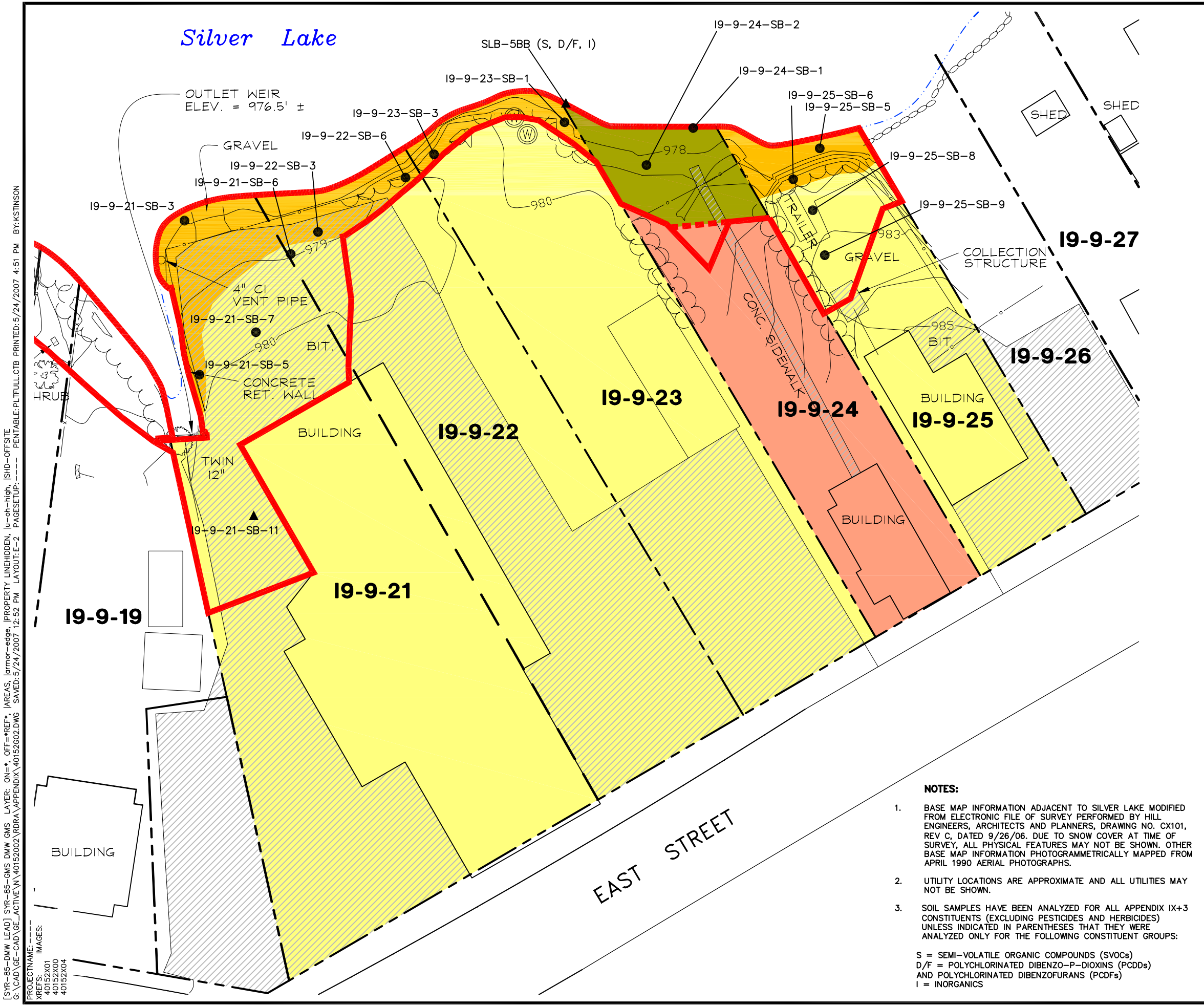


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-30, -31, -33, AND
 -34) [0- TO 1- FOOT DEPTH INTERVAL]**



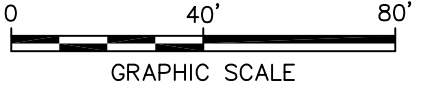
FIGURE
E-1

Silver Lake



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SURFACE SOIL SAMPLE LOCATION
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR THE FOLLOWING CONSTITUENT GROUPS:

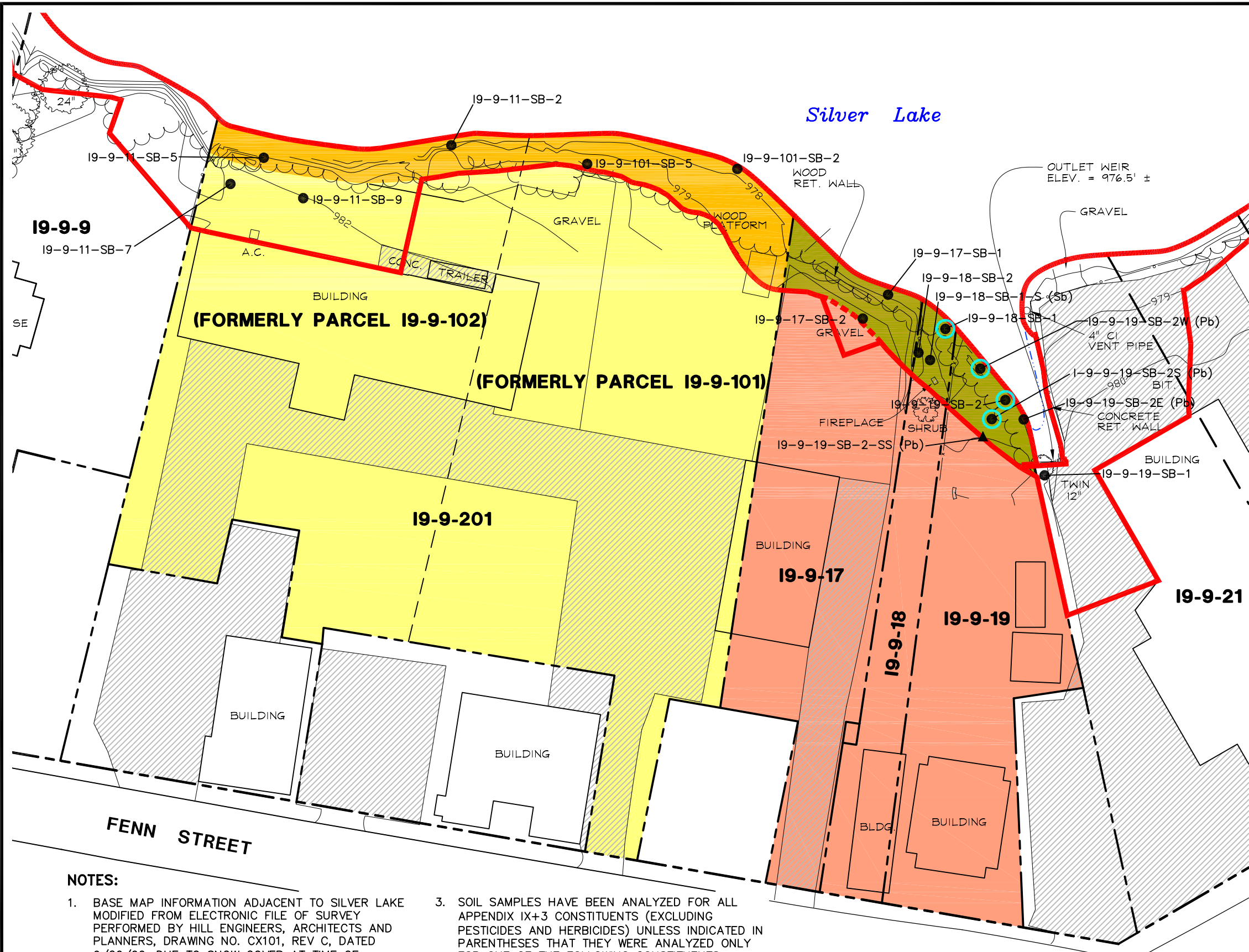
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 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs)
 AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 I = INORGANICS

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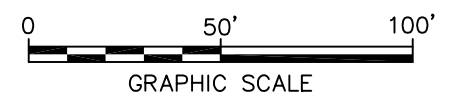
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21, -22, -23, -24,
 AND -25) [0- TO 1-FOOT DEPTH INTERVAL]**



[SYR-85-DMW LEAD] SYR-85-DMW GMS LAYER: ON=*, OFF=*REF*, [armor-edge, [DEBRIS, [PROPERTY LINEHIDDEN, [u-oh-high
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 PENTABLE: PLTFULLCTB PRINTED: 5/24/2007 4:50 PM BY: KSTINSON
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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - APPROXIMATE PROPERTY LINE
 - APPROXIMATE FORMER PROPERTY LINE
 - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-30** PROPERTY ID
 - SURFACE ELEVATION (1-FT CONTOUR)
 - EDGE OF BUSHES
 - WIRE FENCE
 - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - BANK PORTIONS OF RESIDENTIAL PROPERTIES
 - COMMERCIAL PROPERTY
 - RESIDENTIAL PROPERTY
 - PAVED AREAS
 - SURFACE SOIL SAMPLE LOCATION
 - SOIL BORING LOCATION
 - APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
 - MEAN WATER ELEV. (975.9) (APPROXIMATE)

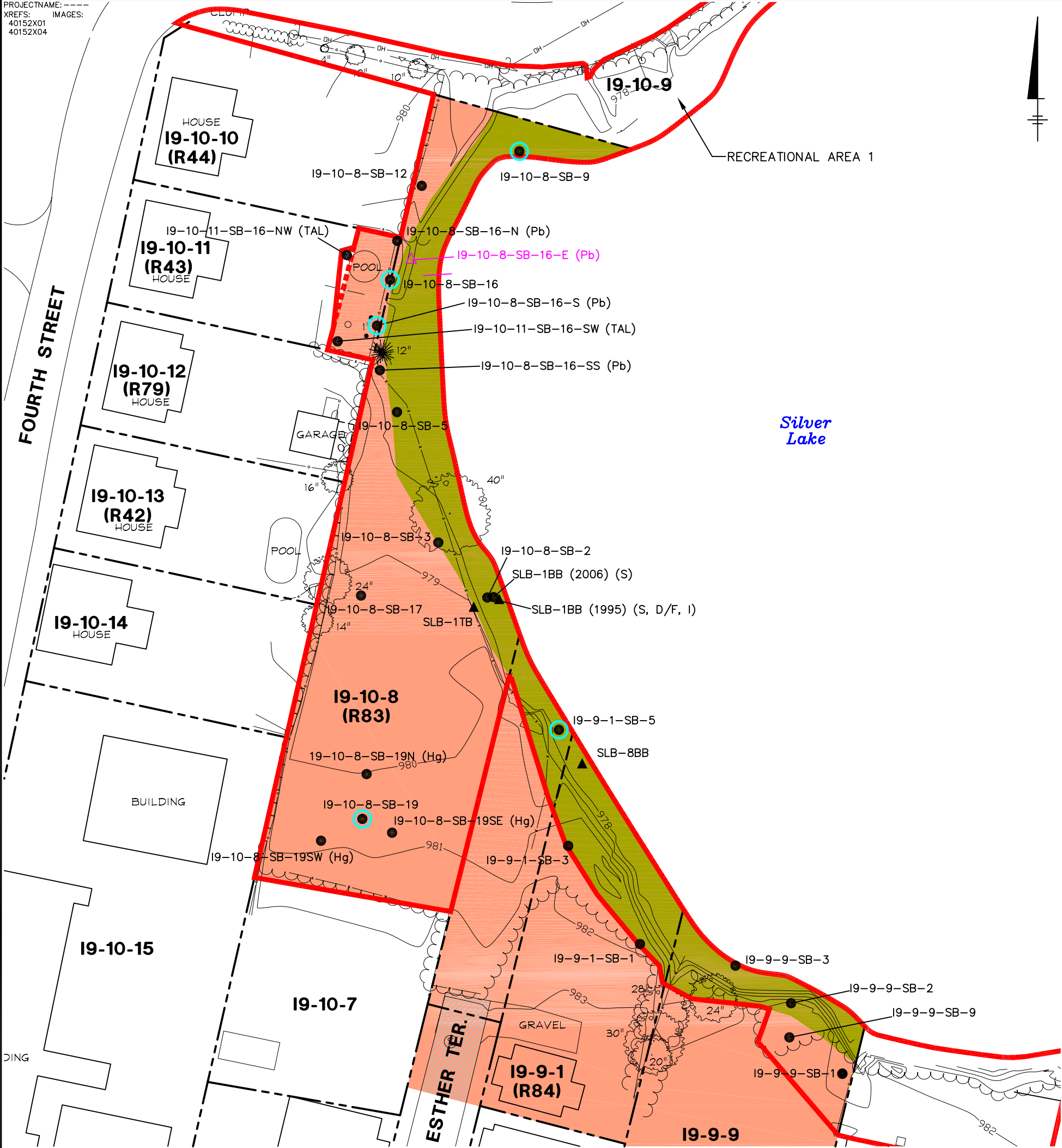


NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED FOR ONE OF THE FOLLOWING CONSTITUENTS:
 Sb = ANTIMONY
 Pb = LEAD

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-201, -17, -18, -19)
 [0- TO 1-FOOT DEPTH INTERVAL]**



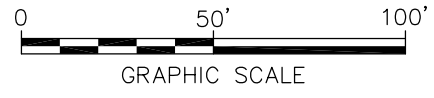


LEGEND:

- | | | | |
|----------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-9-30 | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | SOIL BORING LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | SURFACE SOIL SAMPLE LOCATION |
| | EDGE OF BUSHES | | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL |
| | GUARDRAIL | | MAY 2007 SOIL SAMPLE LOCATION |
| | WOODEN FENCE | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |
| | OVERHEAD ELECTRIC | | |
| | SIGN | | |

NOTES CONTINUED:

- SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
 - I = INORGANICS
 - S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 - Pb = LEAD
 - Hg = MERCURY
 - TAL = TARGET ANALYTE LIST METALS
 - D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)



NOTES:

- BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
- UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)**
[0- TO 1-FOOT DEPTH INTERVAL]

ARCADIS BBL
 infrastructure, environment, facilities

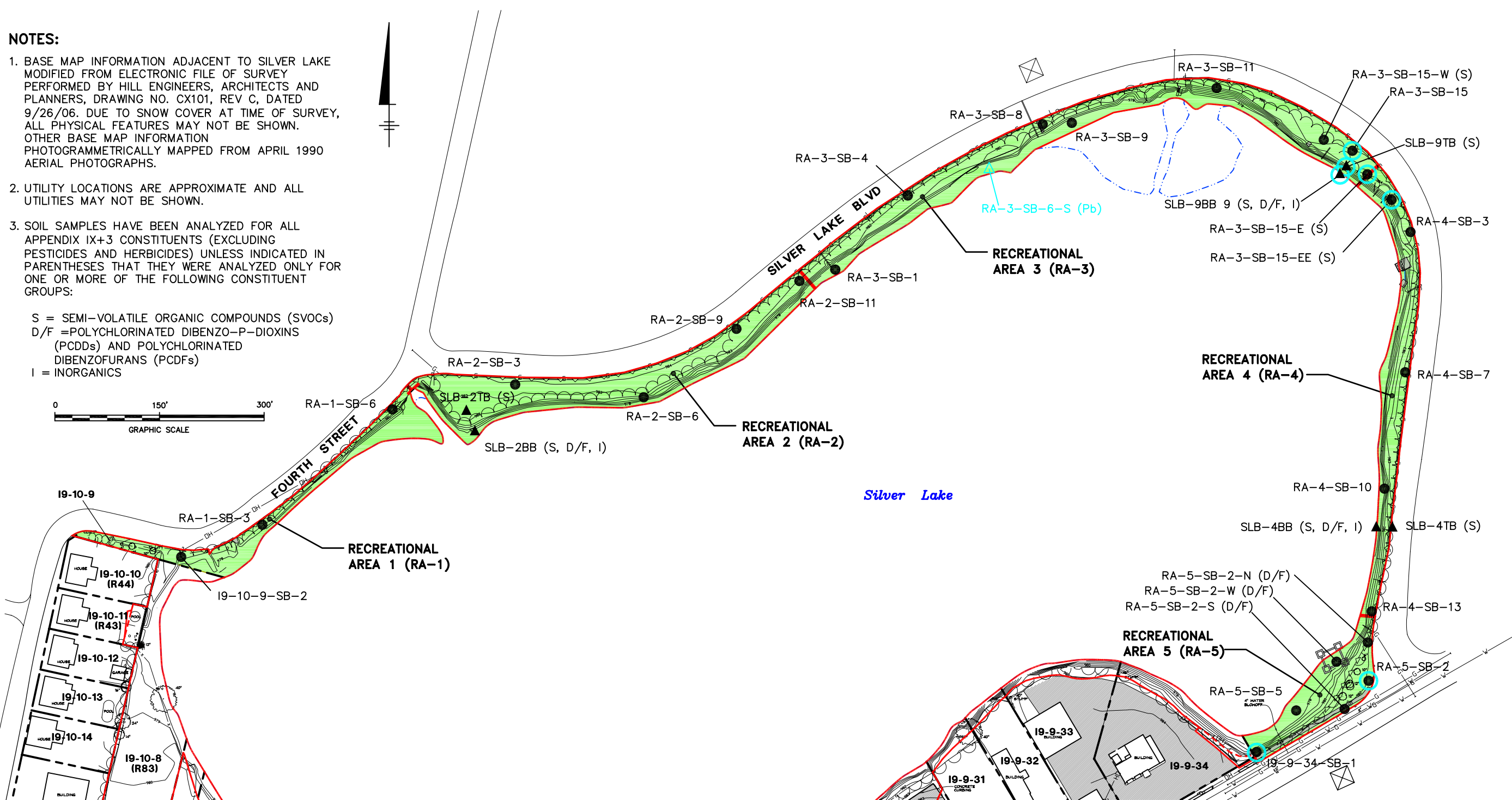
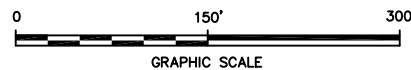
FIGURE
E-4

[SYR-85-DMW LEAD] SYR-85-DMW GMS KFS LAYER: ON=*, OFF=*, REF=*, AREAS, [armor-edge, DEBRIS, IPL-ID, PROPERTY LINEHIDDEN, I STREET-NAME, I TEXT-GAS, I u-on-high, I WELLS, G:\CAD\GE-CAD\GE_ACTIVE\N\40152002\RDRA_APPENDIX\40152005.DWG, SAVER: 5/24/2007 1:20 PM LAYOUT: E-5 PAGES: 5/24/2007 4:51 PM BY: KJSTINSON

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 I = INORGANICS



LEGEND:

- | | | |
|----------------------|--|---------------------------------|
| —○— CHAIN LINK FENCE | ⊗ UTILITY POLE | ▲ SURFACE SOIL SAMPLE LOCATION |
| —○— DECIDUOUS TREE | - SIGN | ● SOIL SAMPLE LOCATION |
| ● CONIFEROUS TREE | ■ ELECTRIC METER | △ MAY 2007 SOIL SAMPLE LOCATION |
| —G— GAS SERVICE | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS | |
| —v— WATER SERVICE | PAVED AREA | |
| —D— STORM SEWER | ○ APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL | |
| ⊙ SANITARY MANHOLE | | |
| · CATCH BASIN | | |

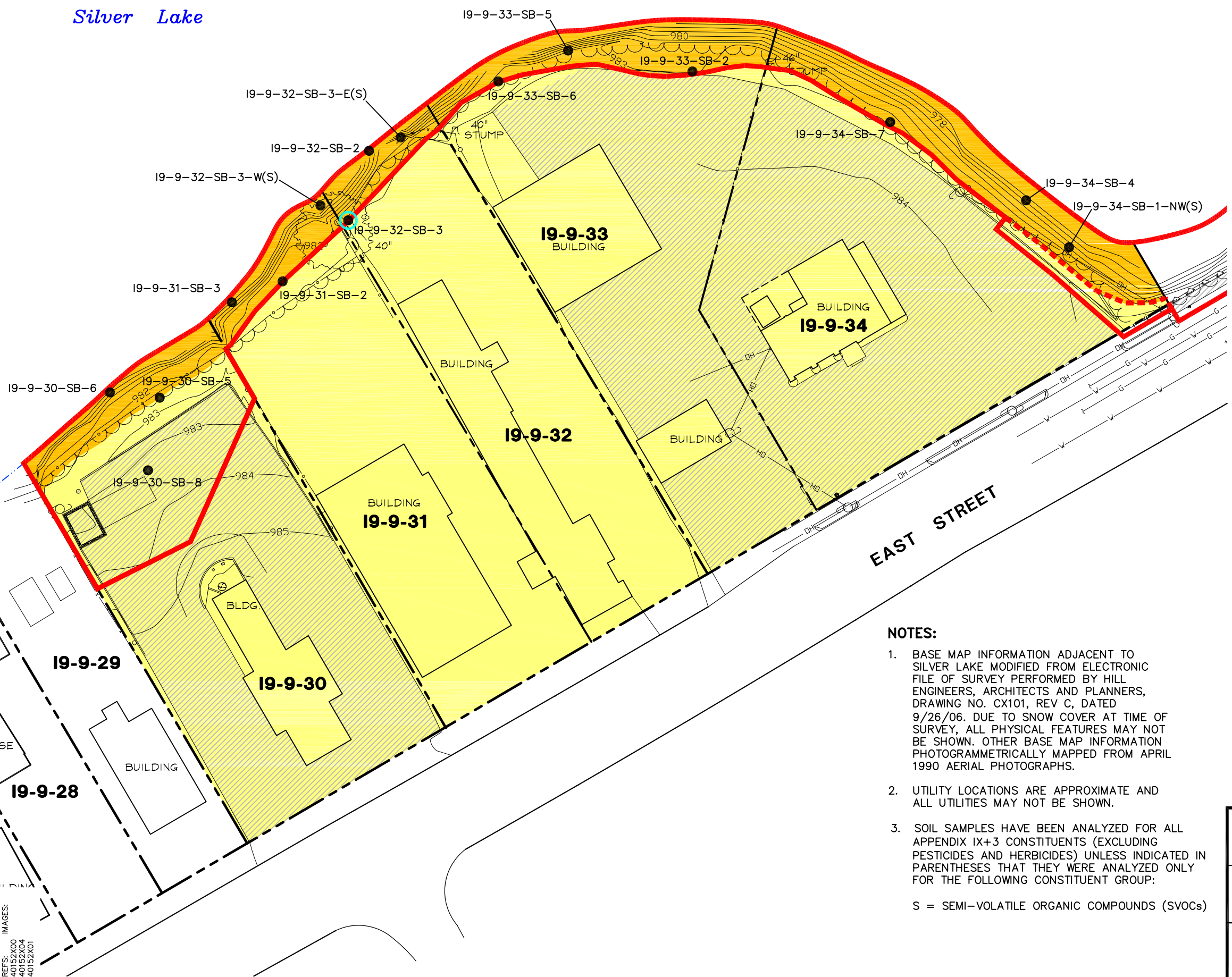
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (RECREATIONAL AREAS)
 [0- TO 1-FOOT DEPTH INTERVAL]**



FIGURE
E-5

Silver Lake

[SYR-85-DMW LEAD] SYR-85-BQP DMW KLS L: ON=*, OFF=*REF*, AREAS, [ARMOR-EDGE, IPROPERTY LINEHIDDEN, ITEXT, ITEXT-BLOWOFF, Iu-oh-high, ISHD-OFFSITE
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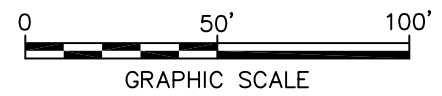
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- GAS LINE
- WATER LINE
- COMMERCIAL PROPERTY
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR THE FOLLOWING CONSTITUENT GROUP:

S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)

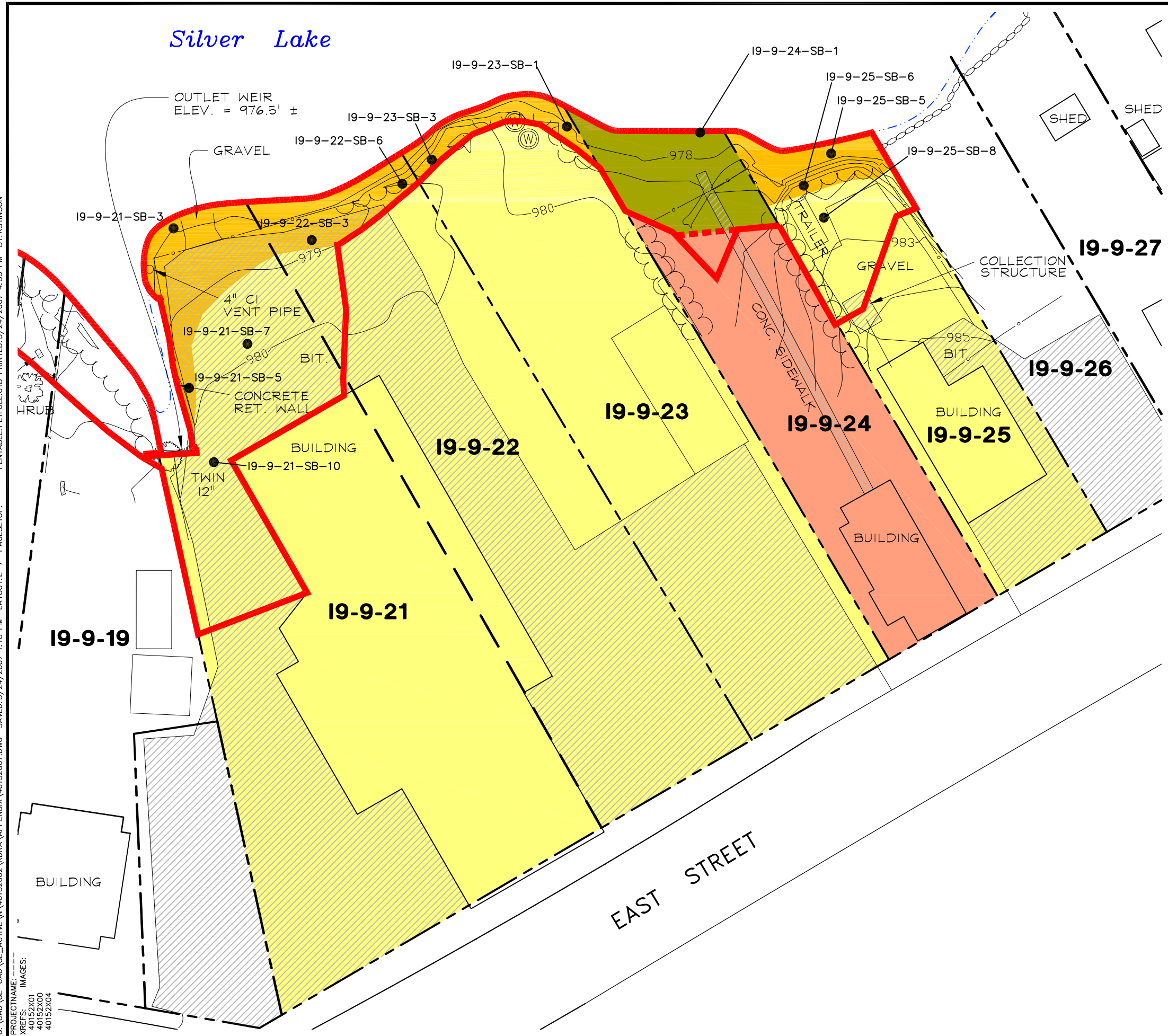


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
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 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-30, -31, -32, -33,
 AND -34) [1- TO 3-FOOT DEPTH INTERVAL]**



FIGURE
E-6

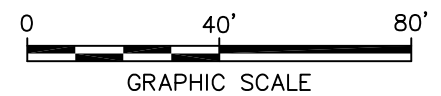
[SYR-85-DMW LEAD] SYR-85-GMS GMS KLS LAYER: ON=*, OFF=*REF*, [AREAS, [armor-edge, [PROPERTY LINEHIDDEN, [u-on-high, [SHD-OFFSITE
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 40152X04



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV. (975.9) (APPROXIMATE)

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.

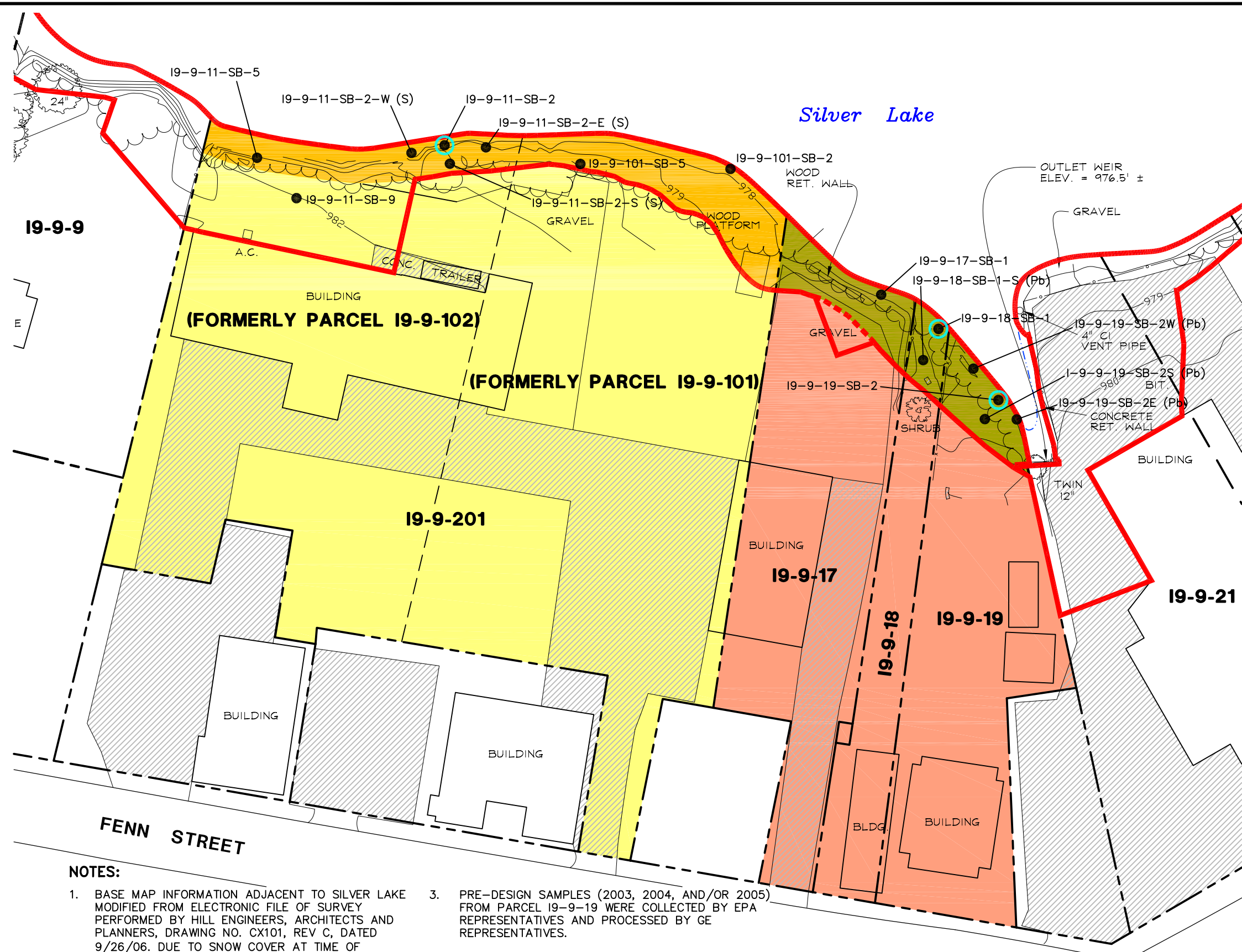


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21, -22, -23, -24,
 AND -25) [1- TO 3-FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

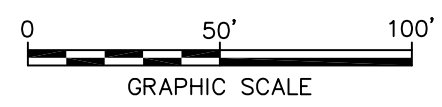
FIGURE
E-7

[SYR-85-DMW LEAD] SYR-85-DMW KLS GMS LAYER: ON=*, OFF=*REF*, Iarmor-edge, [DEBRIS, [PROPERTY LINEHIDDEN, [TEXT-FIRE, [u-oh-high
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LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- APPROXIMATE FORMER PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- RESIDENTIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MEAN WATER ELEV (975.9) (APPROXIMATE)



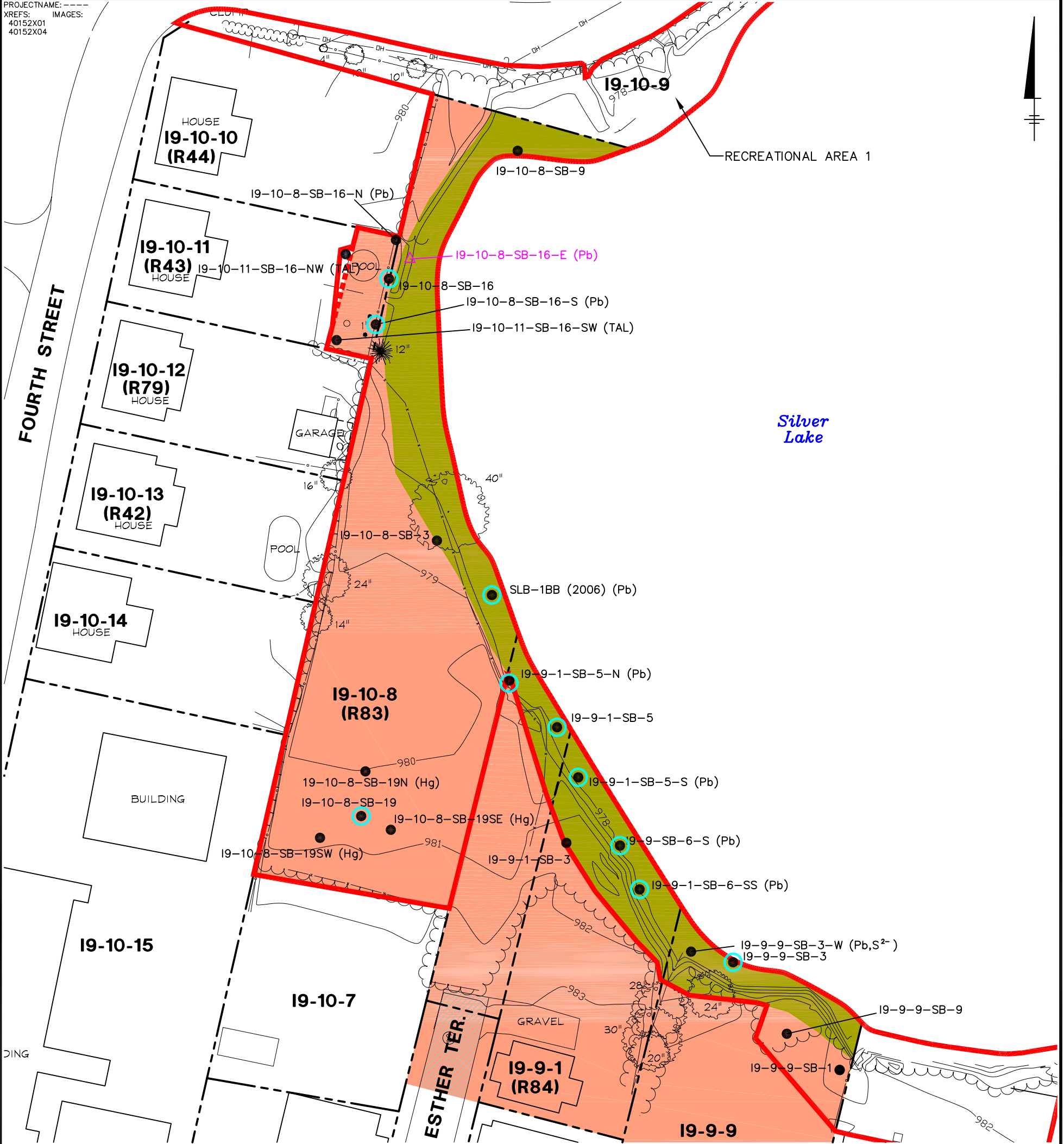
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. PRE-DESIGN SAMPLES (2003, 2004, AND/OR 2005) FROM PARCEL 19-9-19 WERE COLLECTED BY EPA REPRESENTATIVES AND PROCESSED BY GE REPRESENTATIVES.
4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:

S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 Pb = LEAD

GENERAL ELECTRIC COMPANY
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 LOCATIONS (PARCELS 19-9-201, -17, -18, -19)
 [1- TO 3-FOOT DEPTH INTERVAL]**



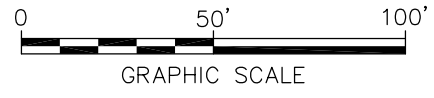


LEGEND:

- | | | | |
|----------------|--|--|--|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-9-30 | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | SOIL BORING LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL |
| | EDGE OF BUSHES | | MAY 2007 SOIL SAMPLE LOCATION |
| | GUARDRAIL | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | WOODEN FENCE | | |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |
| | OVERHEAD ELECTRIC | | |
| | SIGN | | |

NOTES CONTINUED:

3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
- S²⁻ = SULFIDE
 Pb = LEAD
 Hg = MERCURY
 TAL = TARGET ANALYTE LIST METALS



NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)
 [1- TO 3-FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

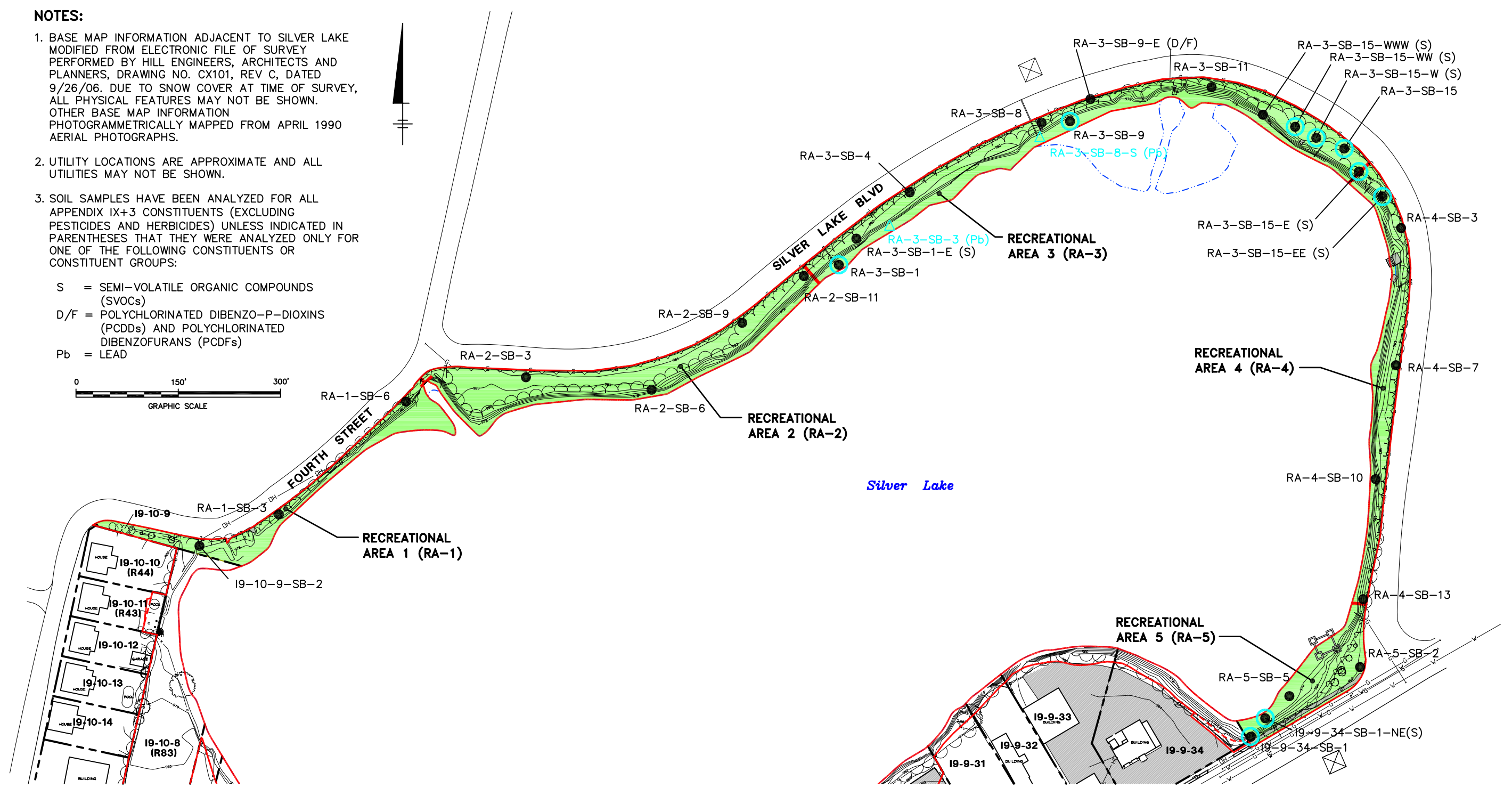
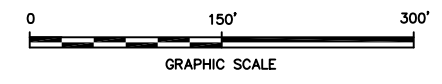
FIGURE
E-9

[SYR-85-DMW LEAD] SYR-85-DMW GMS KFS LAYER: ON=*, OFF=*, REF, AREAS, [armor-edge, DEBRIS, [L-ID, [PROPERTY LINEHIDDEN, [STREET-NAME, [TEXT, [TEXT-BLOWOFF, [TEXT_GAS, [TEXT_TREE, [u-oh-high, [WELLS
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 PROJECT NAME: -----
 XREFS: IMAGES:
 40152X01
 40152X00
 40152X04

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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 D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
 Pb = LEAD



LEGEND:

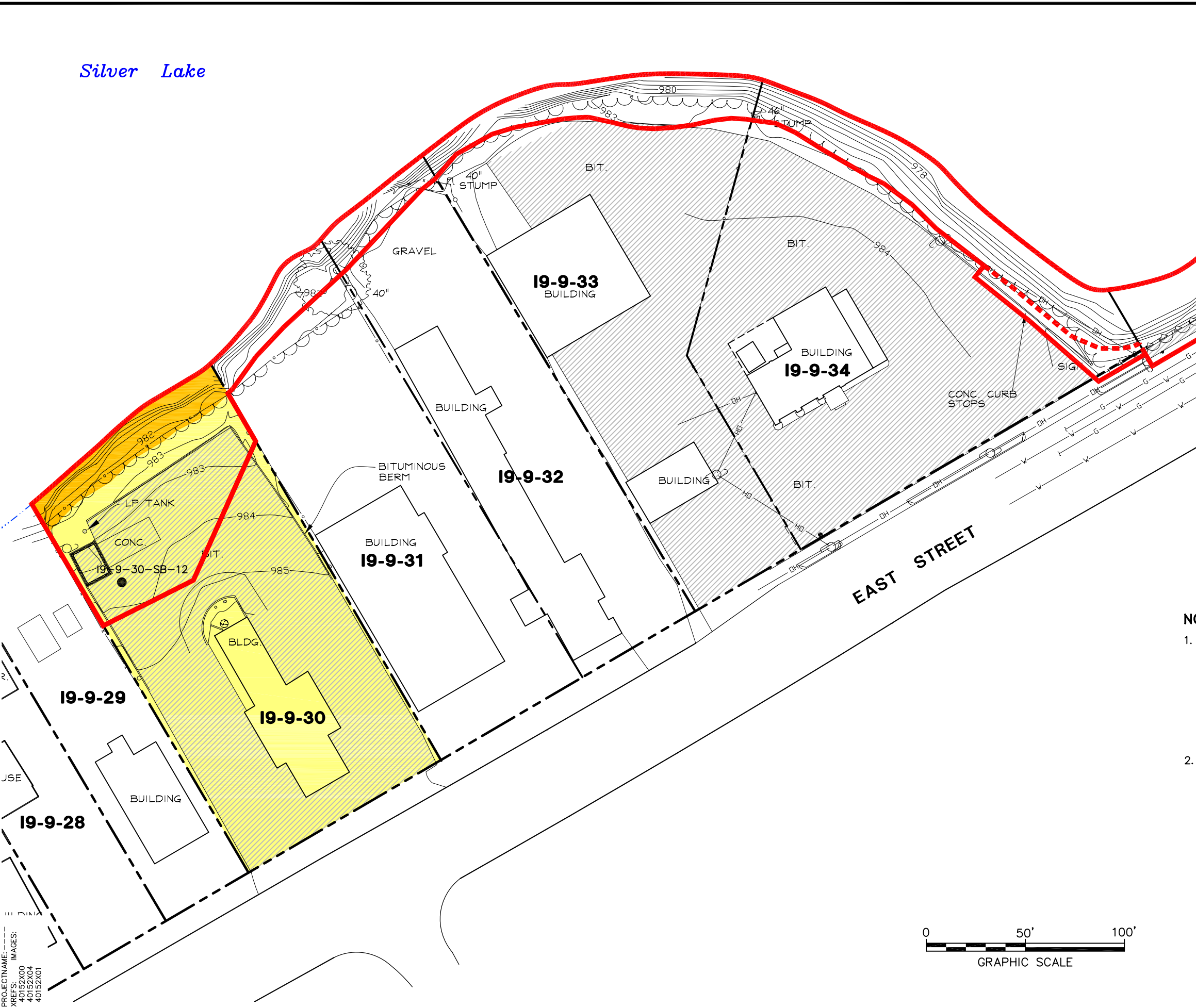
- | | | | |
|--|------------------|--|-------------------------------|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY) | CHAIN LINK FENCE | UTILITY POLE | SOIL SAMPLE LOCATION |
| APPROXIMATE PROPERTY LINE | DECIDUOUS TREE | SIGN | MAY 2007 SOIL SAMPLE LOCATION |
| 19-9-23 PROPERTY ID | CONIFEROUS TREE | ELECTRIC METER | |
| MEAN WATER ELEV (975.9) (APPROX.) | GAS SERVICE | RECREATIONAL AVERAGING AREA SUBJECT TO PRE-DESIGN INVESTIGATIONS | |
| SURFACE ELEVATION (1-FT CONTOUR) | WATER SERVICE | PAVED AREA | |
| EDGE OF BUSHES | STORM SEWER | APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL | |
| GUARDRAIL | SANITARY MANHOLE | | |
| | CATCH BASIN | | |

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 LOCATIONS (RECREATIONAL AREAS)
 [1- TO 3-FOOT DEPTH INTERVAL]**



Silver Lake

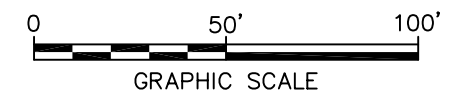
[SYR-85-DMW LEAD] SYR-85-BGP KLS GMS LAYER: ON=*, OFF=REF*, AREAS, |armor-edge, |PROPERTY LINEHIDDEN, |TEXT-BLOWOFF, |u-on-high, |SHD-OFFSITE
 G:\CAD\GE-CAD\GE_ACTIVE\N\40152002\RDRA\APPENDIX\40152G11.DWG SAVED:5/24/2007 1:33 PM LAYOUT:E-11 PAGES:10 PENTABLE:PLT\FULL\CTB PRINTED:5/24/2007 4:56 PM BY:KSTINSON
 PROJECTNAME:-----
 XREFS: IMAGES:-----
 40152X00
 40152X04
 40152X01



LEGEND:

	APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
	APPROXIMATE PROPERTY LINE
19-9-30	PROPERTY ID
	SURFACE ELEVATION (1-FT CONTOUR)
	EDGE OF BUSHES
	GUARDRAIL
	WOODEN FENCE
	WIRE FENCE
	CHAIN LINK FENCE
	DECIDUOUS TREE
	UTILITY POLE
	OVERHEAD ELECTRIC
	GAS LINE
	WATER LINE
	COMMERCIAL PROPERTY
	BANK PORTIONS OF COMMERCIAL PROPERTIES
	PAVED AREAS
	SOIL BORING LOCATION
	MEAN WATER ELEV (975.9) (APPROXIMATE)

- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCEL 19-9-30)
 [3- TO 6- FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

FIGURE
E-11

Silver Lake

[SYR-85-DMW LEAD] SYR-85-GMS KLS GMS LAYER: ON=*, OFF=REF*, AREAS, [armor-edge, [PROPERTY LINEHIDDEN, [TEXT-GRAVEL, [TEXT-VENT, [u-oh-high, [SHD-OFFSITE
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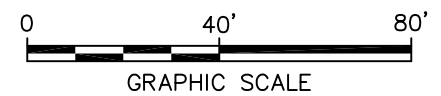


LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)

NOTES:

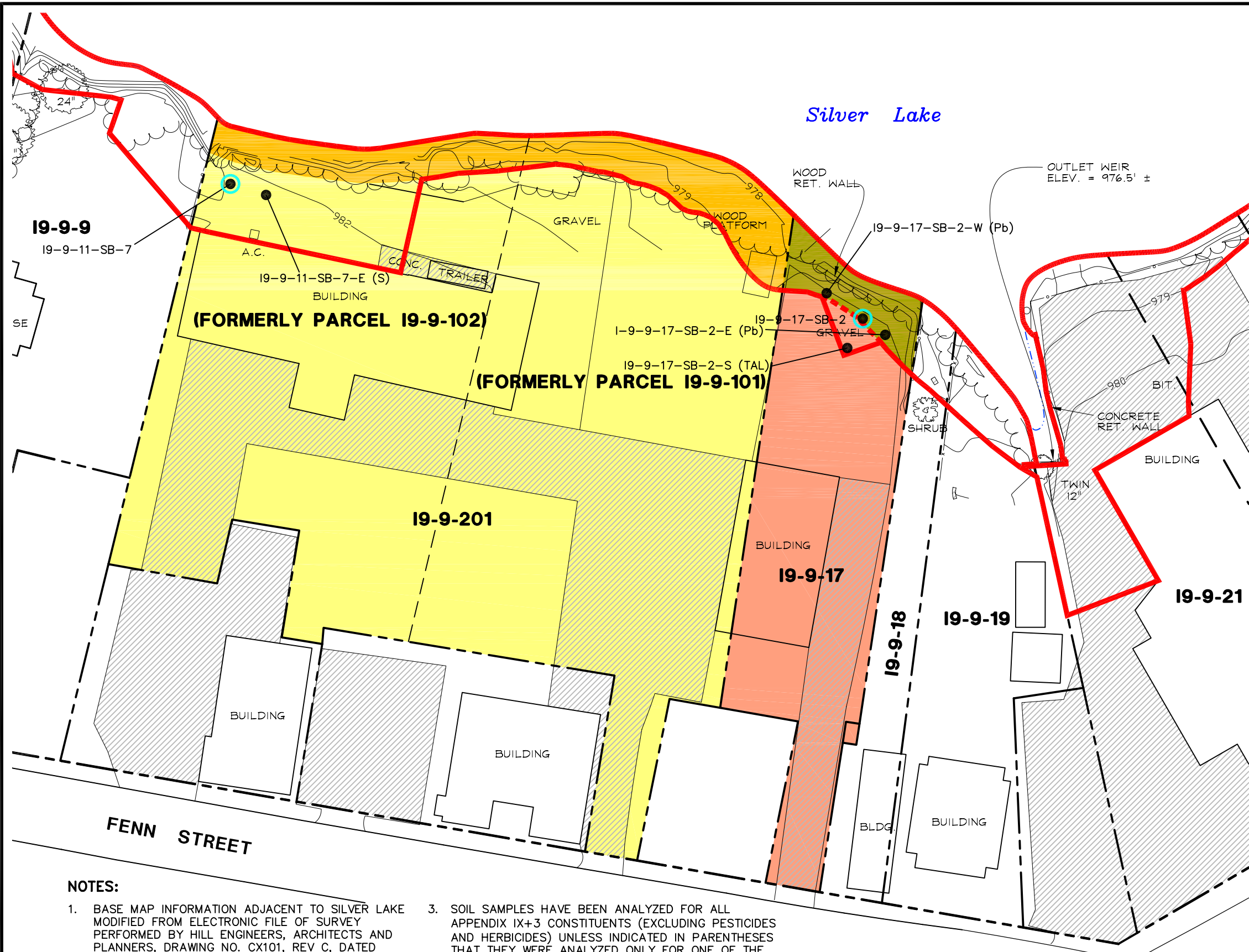
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.



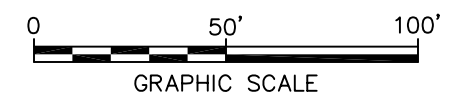
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-21/-22, -24, -25)
 [3- TO 6-FOOT DEPTH INTERVAL]**



[SYR-85-DMW LEAD] SYR-85-DMW KLS GMS LAYER: ON=*, OFF=*REF*, IARMOR-EDGE, [DEBRIS, [PROPERTY LINEHIDDEN, [TEXT-FIRE, [TEXT-GRAVEL, [TEXT-VENT, [L-oh-high
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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
 - APPROXIMATE PROPERTY LINE
 - APPROXIMATE FORMER PROPERTY LINE
 - BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-30** PROPERTY ID
 - 980 — SURFACE ELEVATION (1-FT CONTOUR)
 - ~ ~ ~ EDGE OF BUSHES
 - x - x - WIRE FENCE
 - o o o CHAIN LINK FENCE
 - o DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - BANK PORTIONS OF RESIDENTIAL PROPERTIES
 - COMMERCIAL PROPERTY
 - RESIDENTIAL PROPERTY
 - PAVED AREAS
 - SOIL BORING LOCATION
 - APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
 - MEAN WATER ELEV (975.9) (APPROXIMATE)



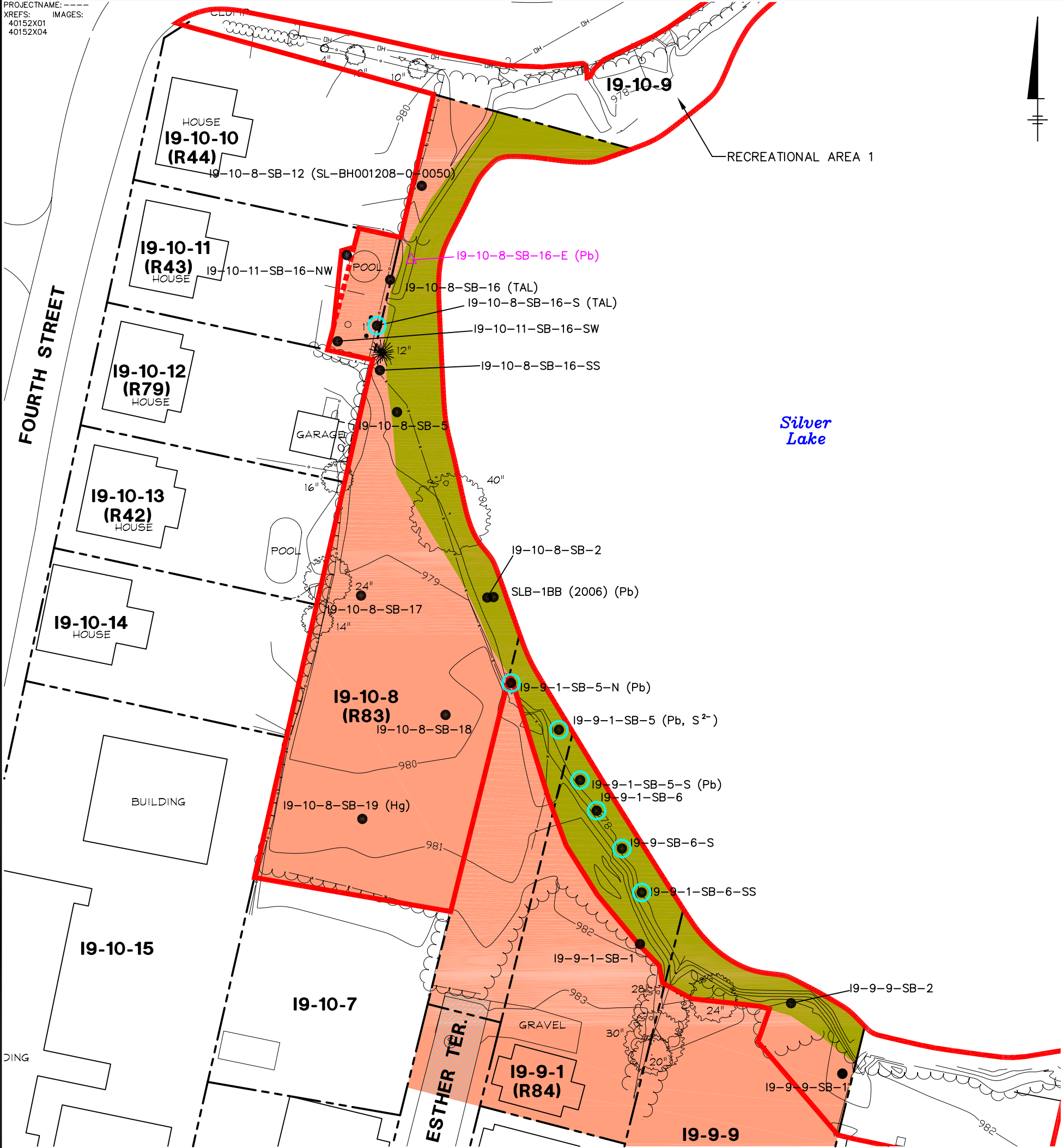
NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
 S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
 Pb = LEAD
 TAL = TARGET ANALYTE LIST METALS

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-201, 19-9-17)
 [3- TO 6-FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

FIGURE
E-13



PROJECTNAME: ---
 XREFS: 40152X01
 40152X04



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30**
(R83) PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- SIGN

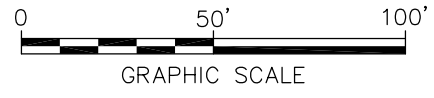
- PAVED AREAS
- RESIDENTIAL PROPERTY
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MAY 2007 SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SAMPLE IDENTIFIED IN PARENTHESES.

NOTES CONTINUED:

3. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
 S²⁻ = SULFIDE
 Pb = LEAD
 Hg = MERCURY
 TAL = TARGET ANALYTE LIST METALS

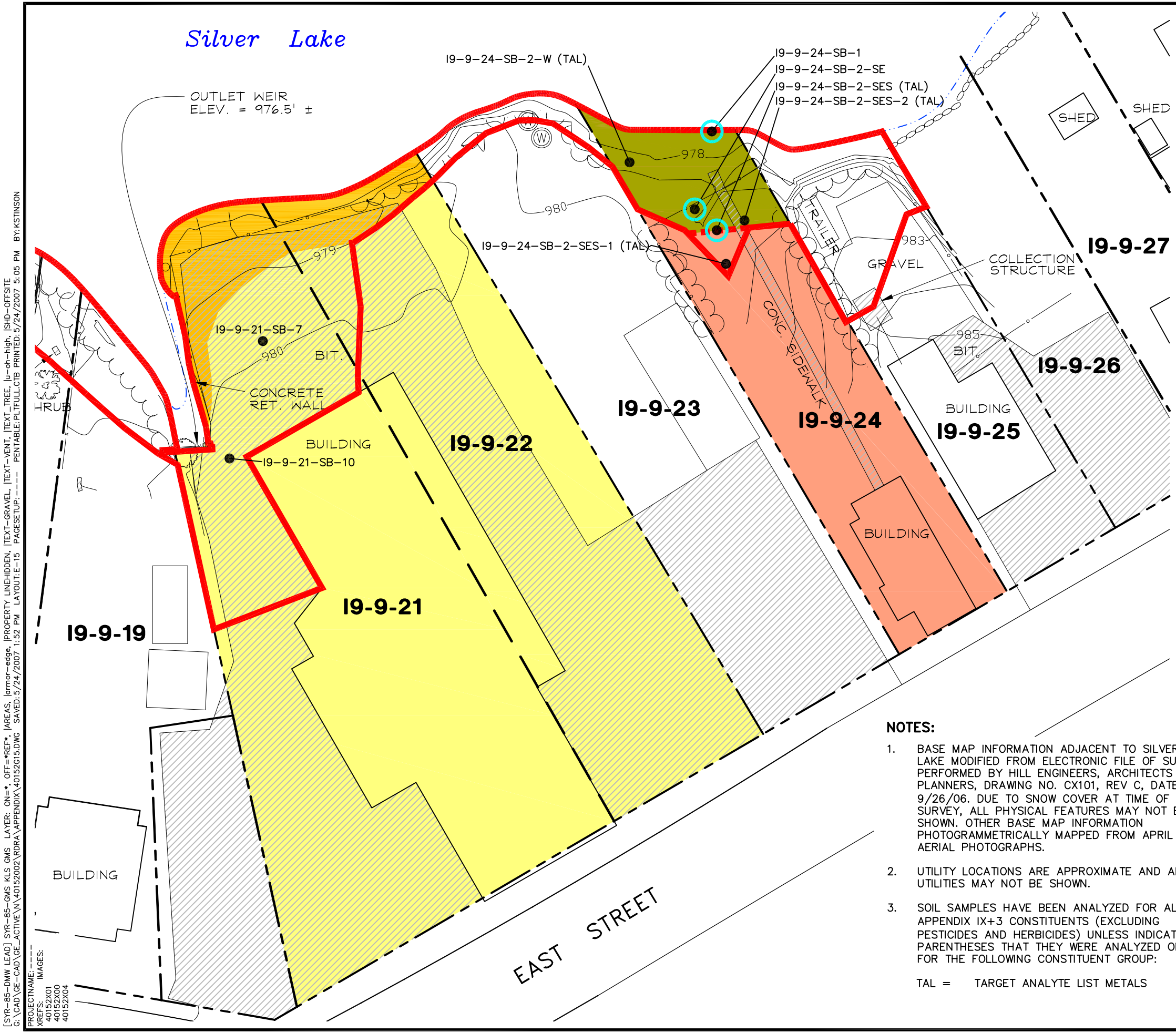


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)**
[3- TO 6-FOOT DEPTH INTERVAL]

ARCADIS BBL
 infrastructure, environment, facilities

**FIGURE
 E-14**

Silver Lake



LEGEND:

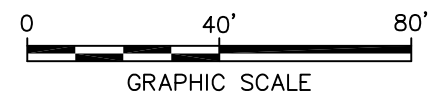
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MEAN WATER ELEV (975.9) (APPROXIMATE)



NOTES:

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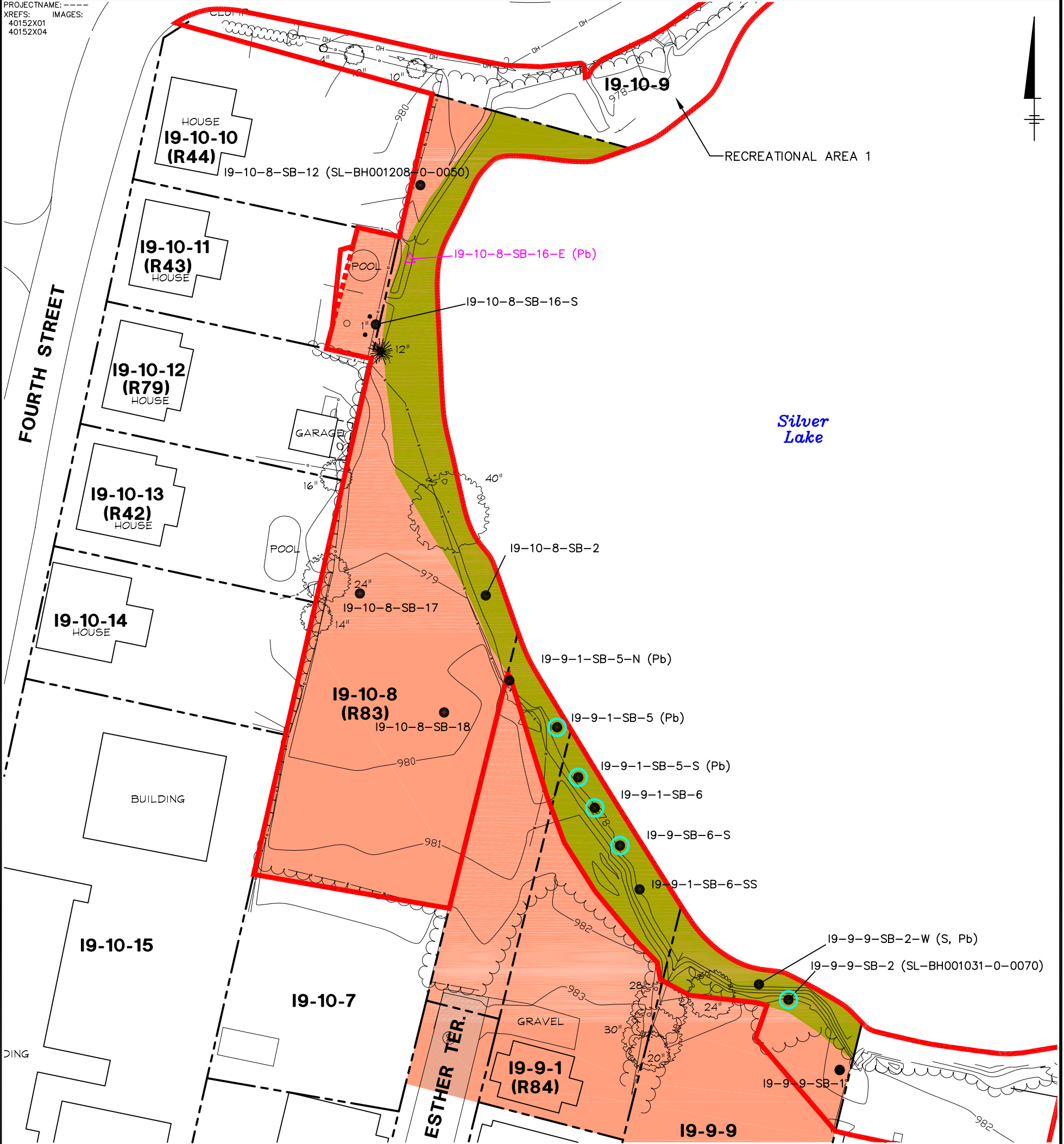
TAL = TARGET ANALYTE LIST METALS



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE
EXISTING APPENDIX IX+3 SOIL SAMPLE
LOCATIONS (PARCELS 19-9-21/-22 AND 19-9-24)
[6- TO 10-FOOT DEPTH INTERVAL]**



[SYR-85-DMW LEAD] SYR-85-GMS KLS GMS LAYER: ON=*, OFF=*, REF=*, AREAS, [armor-edge, [PROPERTY LINEHIDDEN, [TEXT-GRAVEL, [TEXT-VENT, [TEXT-TREE, [u-oh-high, [SHD-OFFSITE
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 PROJECTNAME: - IMAGES: -
 XREFS: 40152X01
 40152X00
 40152X04



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (DASHED WHERE ASSOCIATED WITH PCB EVALUATIONS ONLY)
- APPROXIMATE PROPERTY LINE
- 19-9-30**
(R83) PROPERTY ID
EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- GUARDRAIL
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- UTILITY POLE
- OVERHEAD ELECTRIC
- SIGN

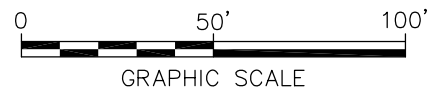
- PAVED AREAS
- RESIDENTIAL PROPERTY
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MAY 2007 SOIL SAMPLE LOCATION
- MEAN WATER ELEV (975.9) (APPROXIMATE)

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. UTILITY LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN.
3. EPA PRE-DESIGN SPLIT SAMPLE IDENTIFIED IN PARENTHESES.

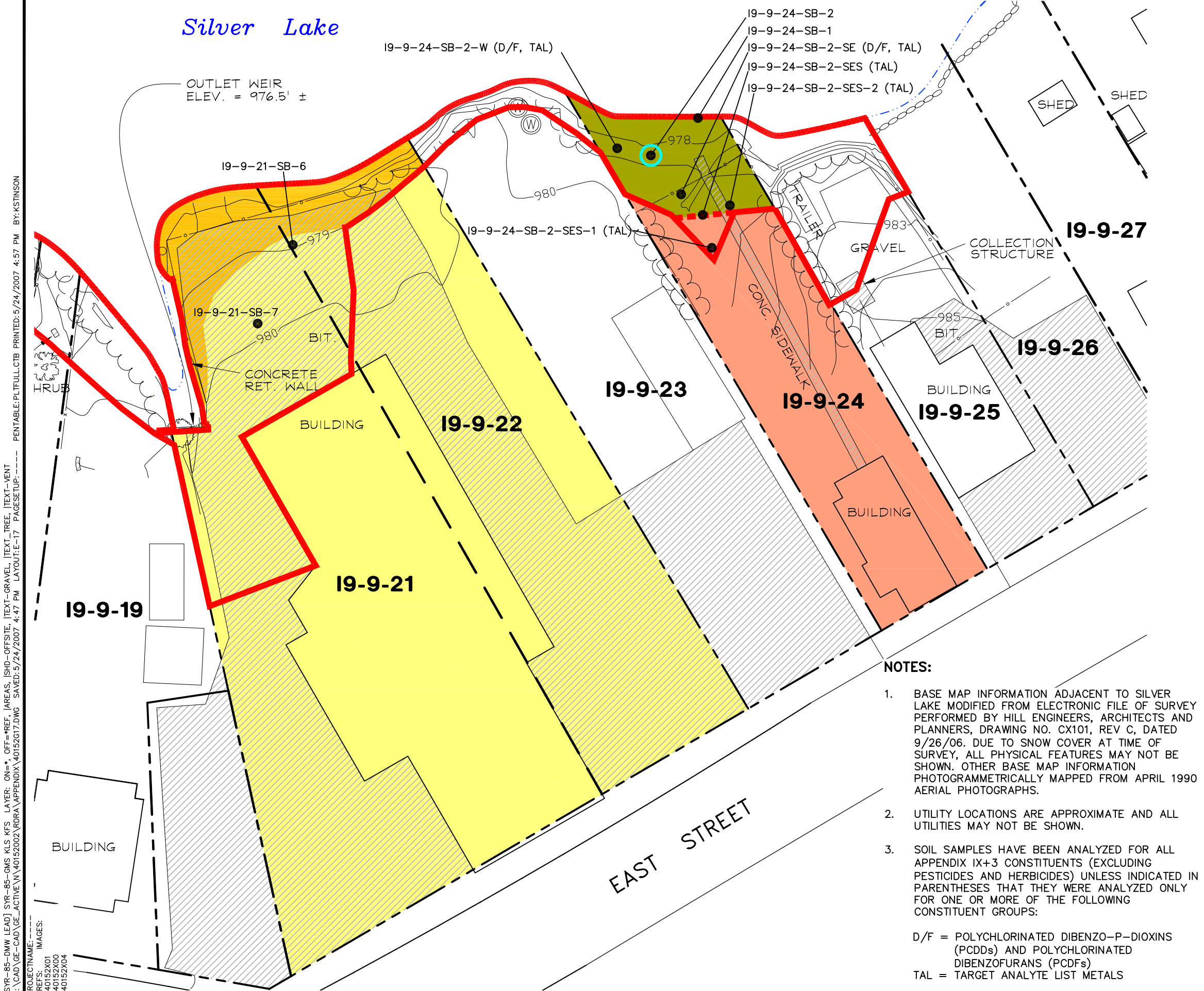
NOTES CONTINUED:

4. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENTS OR CONSTITUENT GROUPS:
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 Pb = LEAD



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
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**EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCELS 19-9-1 & -9, 19-10-8 & -11)**
[6- TO 10-FOOT DEPTH INTERVAL]

**FIGURE
 E-16**



Silver Lake

OUTLET WEIR
ELEV. = 976.5' ±

19-9-24-SB-2-W (D/F, TAL)

19-9-24-SB-2

19-9-24-SB-1

19-9-24-SB-2-SE (D/F, TAL)

19-9-24-SB-2-SES (TAL)

19-9-24-SB-2-SES-2 (TAL)

19-9-21-SB-6

978

980

19-9-24-SB-2-SES-1 (TAL)

983

19-9-27

19-9-21-SB-7

980

BIT.

CONCRETE
RET. WALL

19-9-23

19-9-24

19-9-25

19-9-26

BUILDING

19-9-22

CONC. SIDEWALK

TRAILER

GRAVEL

COLLECTION
STRUCTURE

BUILDING

BUILDING

19-9-19

19-9-21

BUILDING

EAST STREET

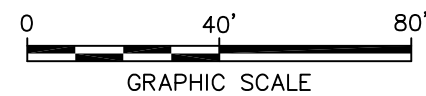
LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE PROPERTY LINE
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- 19-9-30** PROPERTY ID
- SURFACE ELEVATION (1-FT CONTOUR)
- EDGE OF BUSHES
- WIRE FENCE
- CHAIN LINK FENCE
- RETAINING WALL
- DECIDUOUS TREE
- BANK PORTIONS OF COMMERCIAL PROPERTIES
- BANK PORTIONS OF RESIDENTIAL PROPERTIES
- RESIDENTIAL PROPERTIES
- COMMERCIAL PROPERTY
- PAVED AREAS
- SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- MEAN WATER ELEV (975.9) (APPROXIMATE)

NOTES:

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D/F = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
TAL = TARGET ANALYTE LIST METALS



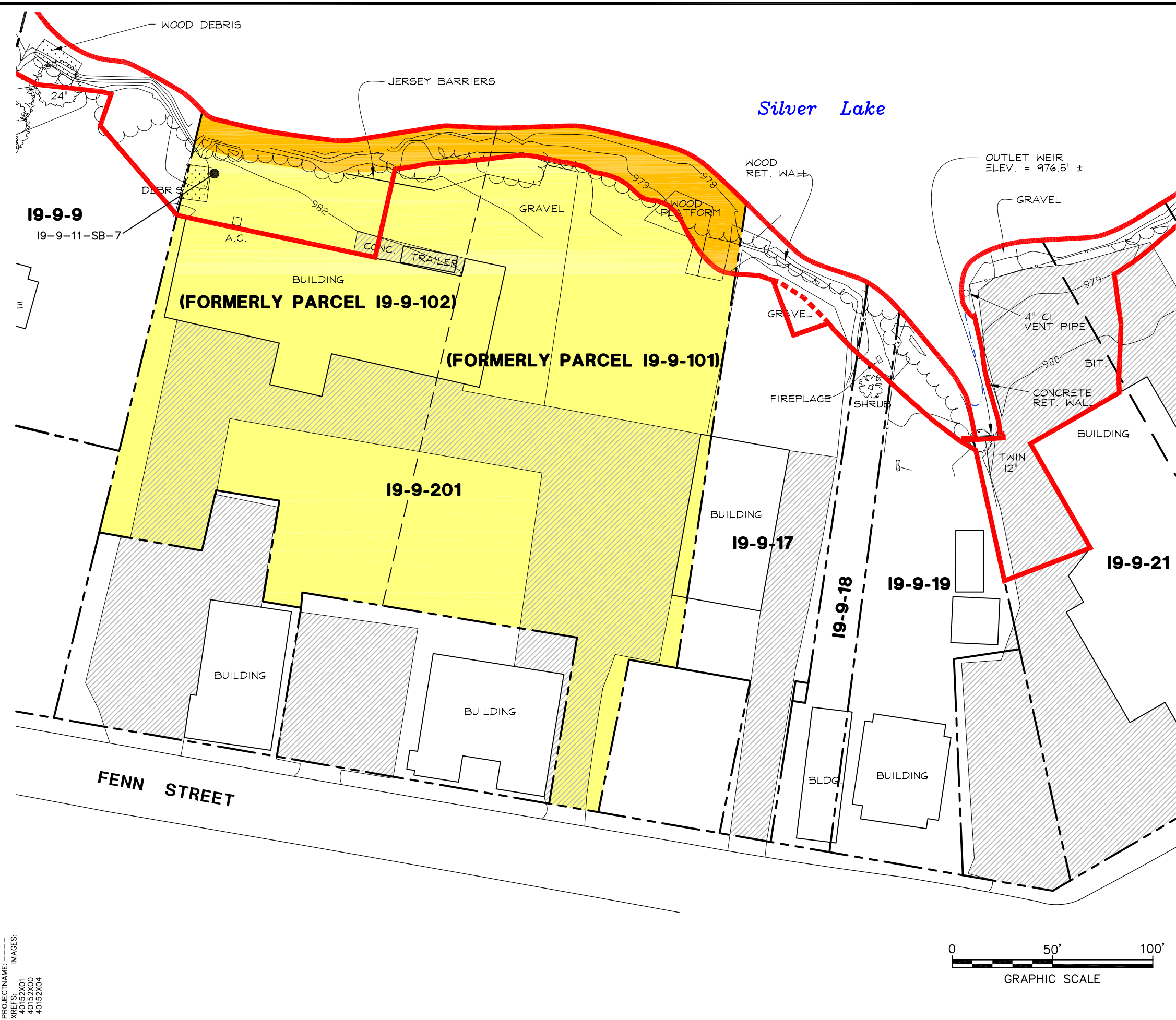
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**CONCEPTUAL RD/RA WORK PLAN
FOR SOILS ADJACENT TO SILVER LAKE**
**EXISTING APPENDIX IX+3 SOIL SAMPLE
LOCATIONS (PARCELS 19-9-21/22 AND 19-9-24)**
[10- TO 15-FOOT DEPTH INTERVAL]



FIGURE
E-17

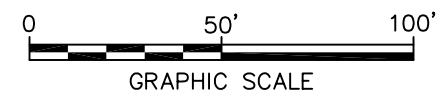
[SYR-85-DMW LEAD] SYR-85-GMS KLS KFS LAYER: ON=*, OFF=*, REF=*, AREAS, [SHD-OFFSITE, [TEXT-GRAVEL, [TEXT-TREE, [TEXT-VENT
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XREFS: IMAGES:
40152X01
40152X00
40152X04

[SYR-85-DMW LEAD] SYR-85-DMW KLS KFS LAYER: ON=*, OFF=*REF
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- LEGEND:**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
 - - - - - APPROXIMATE PROPERTY LINE
 - - - - - APPROXIMATE FORMER PROPERTY LINE
 - — — — — BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
 - 19-9-30** PROPERTY ID
 - 980 — SURFACE ELEVATION (1-FT CONTOUR)
 - ~~~~~ EDGE OF BUSHES
 - x - x - WIRE FENCE
 - o - o - CHAIN LINK FENCE
 - DECIDUOUS TREE
 - BANK PORTIONS OF COMMERCIAL PROPERTIES
 - COMMERCIAL PROPERTY
 - PAVED AREAS
 - SOIL BORING LOCATION
 - - - - - MEAN WATER ELEV. (975.9) (APPROXIMATE)

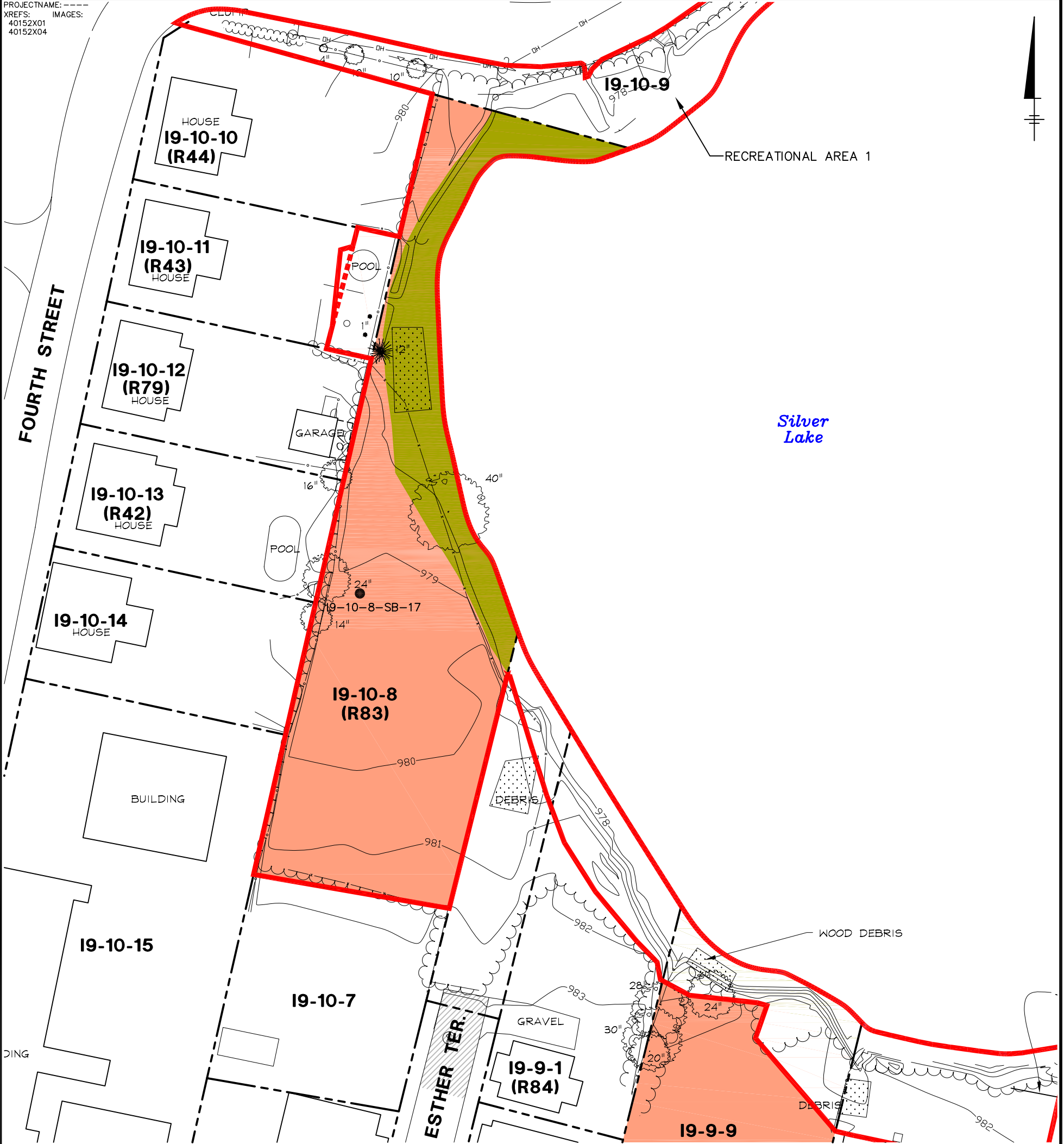
- NOTES:**
1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCEL 19-9-201)
 [10- TO 15-FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

FIGURE
E-18



PROJECTNAME: ----
 XREFS: 40152X01
 IMAGES: 40152X04

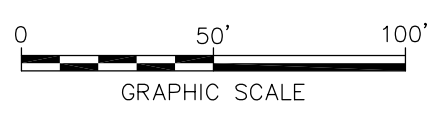


LEGEND:

- | | | | |
|----------------|--|--|---|
| | APPROXIMATE REMOVAL ACTION AREA BOUNDARY | | PAVED AREAS |
| | APPROXIMATE PROPERTY LINE | | RESIDENTIAL PROPERTY |
| 19-9-30 | PROPERTY ID | | BANK PORTIONS OF RESIDENTIAL PROPERTIES |
| (R83) | EPA START RESIDENTIAL PROPERTY SAMPLING PROGRAM REFERENCE NUMBER | | SOIL BORING LOCATION |
| | SURFACE ELEVATION (1-FT CONTOUR) | | MEAN WATER ELEV (975.9) (APPROXIMATE) |
| | EDGE OF BUSHES | | |
| | GUARDRAIL | | |
| | WOODEN FENCE | | |
| | WIRE FENCE | | |
| | CHAIN LINK FENCE | | |
| | DECIDUOUS TREE | | |
| | CONIFEROUS TREE | | |
| | UTILITY POLE | | |
| | OVERHEAD ELECTRIC | | |
| | SIGN | | |

NOTES:

1. BASE MAP INFORMATION ADJACENT TO SILVER LAKE MODIFIED FROM ELECTRONIC FILE OF SURVEY PERFORMED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. CX101, REV C, DATED 9/26/06. DUE TO SNOW COVER AT TIME OF SURVEY, ALL PHYSICAL FEATURES MAY NOT BE SHOWN. OTHER BASE MAP INFORMATION PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS

**CONCEPTUAL RD/RA WORK PLAN
 FOR SOILS ADJACENT TO SILVER LAKE
 EXISTING APPENDIX IX+3 SOIL SAMPLE
 LOCATIONS (PARCEL 19-10-8)
 [10- TO 15-FOOT DEPTH INTERVAL]**

ARCADIS BBL
 infrastructure, environment, facilities

FIGURE
E-19