REPORT

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Pre-Design Investigation Report for the Former Oxbow Areas J and K Removal Action

Volume III of III

General Electric Company
Pittsfield, Massachusetts

July 2003

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	FP-1 FP-1 8-12 10/05/89	FP-2 FP-2 4-8 10/05/89	FP-3 FP-3 4-8 10/05/89	J-2S ROJ2S 0-0.3 12/10/91	J-3S ROJ3S 0-0.3 12/10/91	J-4S ROJ4S 0-0.3 12/10/91	K-1 ROO1B1416 14-16 01/31/91	K-2 ROO2B0810 8-10 01/31/91
Volatile Organics								
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	0.0030 J	0.0020 J	0.0030 J	ND(0.012)	ND(0.012)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,1-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,2,3-Trichloropropane	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
1,2-Dibromoethane	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,2-Dichloroethene (total)	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
2-Butanone	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
2-Chloroethylvinylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
2-Hexanone	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
3-Chloropropene	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
4-Methyl-2-pentanone	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
Acetone	NA	NA	NA	0.039	0.028	0.059	0.022 B	0.032 B
Acrolein	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.11)	ND(0.099)	ND(0.13)	ND(0.11)	ND(0.11)
Acrylonitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.14)	ND(0.13)	ND(0.18)	ND(0.14)	ND(0.15)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Bromomethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Carbon Disulfide	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Chloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Chloromethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
cis-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
Crotonaldehyde	NA	NA	NA	ND(0.12)	ND(0.11)	ND(0.15)	ND(0.12)	ND(0.12)
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Dibromomethane	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Ethyl Methacrylate	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Iodomethane	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Methylene Chloride	0.0060	0.0060	0.0050 J	0.074 B	0.055 B	0.087	0.033 B	0.038 B
Styrene	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Tetrachloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Toluene	0.0040 J	0.0030 J	0.0030 J	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.018)	ND(0.016)	ND(0.022)	ND(0.018)	ND(0.018)
Trichloroethene	0.0010 J	ND(0.0050)	ND(0.0050)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Vinyl Acetate	NA	NA	NA	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.012)	ND(0.012)
Zylenes (total)	NA	NA	NA	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)	ND(0.0060)
Semivolatile Organics								
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2,3-Trichlorobenzene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2,4-Trichlorobenzene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2-Dichlorobenzene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,2-Diphenylhydrazine	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,3,5-Trichlorobenzene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,3,5-Trinitrobenzene	NA	NA	NA	ND(0.77)	ND(0.36)	ND(1.2)	ND(0.78)	ND(0.81)
1,3-Dichlorobenzene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)

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

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

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	FP-1 FP-1 8-12 10/05/89	FP-2 FP-2 4-8 10/05/89	FP-3 FP-3 4-8 10/05/89	J-2S ROJ2S 0-0.3 12/10/91	J-3S ROJ3S 0-0.3 12/10/91	J-4S ROJ4S 0-0.3 12/10/91	K-1 ROO1B1416 14-16 01/31/91	K-2 ROO2B0810 8-10 01/31/91
Semivolatile Organics (continued)								
1,4-Dichlorobenzene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1,4-Dinitrobenzene	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
1,4-Naphthoquinone	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
1-Chloronaphthalene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1-Methylnaphthalene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
1-Naphthylamine	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
2,4,5-Trichlorophenol	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
2,4,6-Trichlorophenol	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
2,4-Dichlorophenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2,4-Dimethylphenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2,4-Dinitrophenol	NA	NA	NA	ND(1.5)	ND(0.36)	ND(1.2)	ND(1.5)	ND(1.6)
2,4-Dinitrotoluene	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2,6-Dichlorophenol	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
2,6-Dinitrotoluene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.72)	ND(2.4)	ND(0.39)	ND(0.40)
2-Acetylaminofluorene	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Chloronaphthalene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Chlorophenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Methylnaphthalene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Methylphenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Naphthylamine	NA	NA	NA	ND(0.77)	ND(0.36)	ND(1.2)	ND(0.78)	ND(0.81)
2-Nitroaniline	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Nitrophenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Phenylenediamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
2-Picoline	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
3&4-Methylphenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	NA	NA
3,3'-Dichlorobenzidine	ND(4.0)	ND(3.8)	ND(4.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
3,3'-Dimethoxybenzidine	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
3,3'-Dimethylbenzidine	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.39)	ND(0.40)
3-Methylcholanthrene	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
3-Methylphenol	NA	NA	NA	NR	NA	NA	ND(0.39)	ND(0.40)
3-Nitroaniline	NA	NA	NA	ND(0.77)	ND(0.36)	ND(1.2)	ND(0.78)	ND(0.81)
3-Phenylenediamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND(1.1)	ND(0.36)	ND(1.2)	ND(1.2)	ND(1.2)
4-Aminobiphenyl	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Bromophenyl-phenylether	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Chloro-3-Methylphenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Chloroaniline	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Chlorobenzilate	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Chlorophenyl-phenylether	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Methylphenol	NA	NA	NA	NR	NA	NA	ND(0.39)	ND(0.40)
4-Nitroaniline	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
4-Nitrophenol	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
4-Phenylenediamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
5-Nitro-o-toluidine	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
a,a'-Dimethylphenethylamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Acenaphthene	ND(2.0)	ND(1.9)	1.3 J	0.052 J	0.063 J	ND(1.2)	ND(0.39)	ND(0.40)
Acenaphthylene	ND(2.0)	ND(1.9)	0.43 J	NR	ND(0.36)	0.25 J	ND(0.39)	ND(0.40)
Acetophenone	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Aniline	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Anthracene	ND(2.0)	ND(1.9)	3.6	0.14 J	0.10 J	0.18 J	ND(0.39)	ND(0.40)
Benzal chloride	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Benzidine	ND(9.9)	ND(9.5)	ND(10)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Benzo(a)anthracene	ND(2.0)	0.26 J	8.1	0.57	0.63	1.5	ND(0.39)	0.045 J
Benzo(a)pyrene	ND(2.0)	0.20 J	5.6	0.45	0.60	1.5	ND(0.39)	0.042 J
Benzo(b)fluoranthene	ND(2.0)	ND(1.9)	5.0	0.58 Z	0.65 Z	3.2 Z	ND(0.39)	0.086 JZ
Benzo(g,h,i)perylene	ND(2.0)	ND(1.9)	3.5	0.28 J	0.35 J	ND(1.2)	ND(0.39)	ND(0.40)
Benzo(k)fluoranthene	ND(2.0)	ND(1.9)	4.2	0.58 Z	0.65 Z	3.2 Z	ND(0.39)	0.086 JZ
Benzoic Acid	NA	NA	NA	NR	ND(3.6)	ND(12)	ND(3.9)	ND(4.0)
Benzotrichloride	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
Benzyl Alcohol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)

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

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Semivolatile Organics (continued)								
Benzyl Chloride	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
bis(2-Chloroethoxy)methane	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
bis(2-Chloroethyl)ether	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
bis(2-Chloroisopropyl)ether	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	0.053 J	0.42 J	ND(0.39)	0.067 J
Butylbenzylphthalate	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Chrysene	ND(2.0)	0.23 J	5.8	0.70	0.64	2.2	ND(0.39)	0.059 J
Cyclophosphamide	NA	NA	NA	ND(1.9)	ND(1.7)	ND(5.9)	ND(1.9)	ND(2.0)
Diallate	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Dibenz(a,j)acridine	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Dibenzo(a,h)anthracene	ND(2.0)	ND(1.9)	0.73 J	0.097 J	0.88 J	ND(1.2)	ND(0.39)	ND(0.40)
Dibenzofuran	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Diethylphthalate	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Dimethoate	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Dimethylphthalate	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Di-n-Butylphthalate	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	0.15 J	ND(0.39)	0.053 J
Di-n-Octylphthalate	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Diphenylamine	NA	NA	NA	ND(0.38)	ND(0.72)	ND(2.4)	ND(0.39)	ND(0.40)
Ethyl Methacrylate	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Ethyl Methanesulfonate	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Fluoranthene	0.35 J	0.55 J	15	1.0	1.2	2.8	ND(0.39)	0.080 J
Fluorene	ND(2.0)	ND(1.9)	1.5 J	0.058 J	0.49 J	0.14 J	ND(0.39)	ND(0.40)
Hexachlorobenzene	ND(2.0)	ND(1.9)	ND(2.0)	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Hexachlorobutadiene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Hexachlorocyclopentadiene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Hexachloroethane	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Hexachloropropene	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(2.0)	ND(1.9)	3.0	0.32 J	0.29 J	ND(1.2)	ND(0.39)	ND(0.40)
Isophorone	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Isosafrole	NA	NA	NA	NR	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
Methapyrilene	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
Methyl Methanesulfonate	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Naphthalene	ND(2.0)	ND(1.9)	1.2 J	NR	ND(0.36)	0.15 J	ND(0.39)	ND(0.40)
Nitrobenzene	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosodiethylamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosodimethylamine	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitroso-di-n-butylamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(2.0)	ND(1.9)	ND(2.0)	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosodiphenylamine	ND(2.0)	ND(1.9)	0.25 J	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosomethylethylamine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosomorpholine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosopiperidine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
N-Nitrosopyrrolidine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
o-Toluidine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Paraldehyde	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
p-Dimethylaminoazobenzene	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Pentachlorobenzene	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.39)	ND(0.40)
Pentachloroethane	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Pentachloronitrobenzene	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Pentachlorophenol	NA	NA	NA	ND(0.77)	ND(0.72)	ND(2.4)	ND(0.78)	ND(0.81)
Phenacetin	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Phenanthrene	0.48 J	0.48 J	17	0.77	0.63	1.7	ND(0.39)	0.053 J
Phenol	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Pronamide	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Pyrene	0.27 J	0.42 J	13	0.81	1.0	2.4	ND(0.39)	0.097 J
Pyridine	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Safrole	NA	NA	NA	NR	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)
Thionazin	NA	NA	NA	ND(0.38)	ND(0.36)	ND(1.2)	ND(0.39)	ND(0.40)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	FP-1 FP-1 8-12 10/05/89	FP-2 FP-2 4-8 10/05/89	FP-3 FP-3 4-8 10/05/89	J-2S ROJ2S 0-0.3 12/10/91	J-3S ROJ3S 0-0.3 12/10/91	J-4S ROJ4S 0-0.3 12/10/91	K-1 ROO1B1416 14-16 01/31/91	K-2 ROO2B0810 8-10 01/31/91
Furans								
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	ND(0.00024)	ND(0.000032)
TCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000040)	ND(0.000067)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000049)	ND(0.000043)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.000077)	ND(0.000079)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA	ND(0.00011)	ND(0.00010)
OCDF	NA	NA	NA	NA	NA	NA	ND(0.00018)	ND(0.00018)
Dioxins								
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	ND(0.000048)	ND(0.000071)
TCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000048)	ND(0.000071)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.000072)	ND(0.000070)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.00011)	ND(0.00011)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA	ND(0.00012)	ND(0.00013)
OCDD	NA	NA	NA	NA	NA	NA	ND(0.00024)	ND(0.00022)
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	NC	NC
Inorganics								
Aluminum	NA	NA	NA	5670 *	5500 *	10100 *	4200	2900
Antimony	NA	NA	NA	10.5 BN	ND(7.70) N	11.1 BN	ND(1.20)	ND(1.20)
Arsenic	NA	NA	NA	21.9	5.50	9.50	2.00	ND(1.20)
Barium	NA	NA	NA	41.5 B	28.0 B	66.8	ND(24.0)	ND(24.0)
Beryllium	NA	NA	NA	ND(0.240)	ND(0.210)	0.300 B	ND(0.590)	ND(0.600)
Cadmium	NA	NA	NA	ND(1.20)	ND(1.10)	ND(1.50)	ND(0.590)	ND(0.600)
Calcium	NA	NA	NA	9570 E	8240 E	18100 E	17000	ND(600)
Chromium	NA	NA	NA	41.0	7.70	17.8	3.20	4.20
Cobalt	NA	NA	NA	9.40 B	5.60 B	14.8 B	ND(5.90)	ND(6.00)
Copper	NA	NA	NA	95.6 N	12.0 N	58.8 N	11.0	ND(3.00)
Cyanide	NA	NA	NA	120	ND(0.550)	ND(0.750)	ND(0.590)	ND(0.600)
Iron	NA	NA	NA	68700 *	14400 *	44200 *	12000	7400
Lead	NA	NA	NA	121 *	13.5 *	195 *	ND(12.0)	ND(12.0)
Magnesium	NA	NA	NA	7150	4590	11500	9800	1300
Manganese	NA	NA	NA	854 N*	214 N*	987 N*	300	56.0
Mercury	NA	NA	NA	0.600	ND(0.110)	0.210	ND(0.120)	ND(0.120)
Nickel	NA	NA	NA	43.8	9.90	27.9	9.30	ND(4.80)
Potassium	NA	NA	NA	393 B	969 B	1120 B	ND(590)	ND(600)
Selenium	NA	NA	NA	ND(0.920)	ND(0.870)	ND(1.20)	ND(0.590)	ND(0.600)
Silver	NA	NA	NA	ND(1.40) N	ND(1.30) N	ND(1.80) N	ND(590)	ND(600)
Sodium	NA	NA	NA	120 B	166 B	174 B	ND(590)	ND(600)
Sulfide	NA	NA	NA	65.0	ND(11.0)	ND(14.9)	NA	NA
Thallium	NA	NA	NA	ND(0.690)	ND(0.650)	ND(0.880)	ND(1.20)	ND(1.20)
Vanadium	NA	NA	NA	14.1	11.6	27.3	5.90	ND(6.00)
Zinc	NA	NA	NA	164	33.0	266	38.0	19.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	OZ-J-SS1 OZ-J-SS1 0-0.3 09/16/94	OZ-J-SS2 OZ-J-SS2 0-0.3 09/16/94	OZ-J-SS3 OZ-J-SS3 0-0.3 09/16/94	OZ-J-SS4 OZ-J-SS4 0-0.3 09/16/94	OZ-J-SS5 OZ-J-SS5 0-0.3 09/16/94
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
Zylenes (total)	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NA	NA	NA	NA	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	OZ-J-SS1 / OZ-J-SS1 / 0-0.3 / 09/16/94	OZ-J-SS2 / OZ-J-SS2 / 0-0.3 / 09/16/94	OZ-J-SS3 / OZ-J-SS3 / 0-0.3 / 09/16/94	OZ-J-SS4 / OZ-J-SS4 / 0-0.3 / 09/16/94	OZ-J-SS5 / OZ-J-SS5 / 0-0.3 / 09/16/94
Semivolatile Organics (continued)					
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	NA	NA	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA
2-Acetylaminofluorene	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA
2-Naphthylamine	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA	NA
3-Methylphenol	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA
4-Aminobiphenyl	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
4-Chlorobenzilate	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA
4-Methylphenol	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA
4-Phenylenediamine	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA
Acetophenone	NA	NA	NA	NA	NA
Aniline	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	NA

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

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

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	OZ-J-SS1 / OZ-J-SS1 / 0-0.3 / 09/16/94	OZ-J-SS2 / OZ-J-SS2 / 0-0.3 / 09/16/94	OZ-J-SS3 / OZ-J-SS3 / 0-0.3 / 09/16/94	OZ-J-SS4 / OZ-J-SS4 / 0-0.3 / 09/16/94	OZ-J-SS5 / OZ-J-SS5 / 0-0.3 / 09/16/94
Semivolatile Organics (continued)					
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA	NA
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	NA	NA	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA
Dimethoate	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	NA
Di-n-Butylphthalate	NA	NA	NA	NA	NA
Di-n-Octylphthalate	NA	NA	NA	NA	NA
Diphenylamine	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA
Hexachloropropene	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA
Isosafrole	NA	NA	NA	NA	NA
Methapyrilene	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	NA	NA	NA	NA	NA
N-Nitrosomorpholine	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	NA	NA	NA	NA	NA
o-Toluidine	NA	NA	NA	NA	NA
Paraldehyde	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA
Safrole	NA	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	OZ-J-SS1 / OZ-J-SS1 / 0-0.3 / 09/16/94	OZ-J-SS2 / OZ-J-SS2 / 0-0.3 / 09/16/94	OZ-J-SS3 / OZ-J-SS3 / 0-0.3 / 09/16/94	OZ-J-SS4 / OZ-J-SS4 / 0-0.3 / 09/16/94	OZ-J-SS5 / OZ-J-SS5 / 0-0.3 / 09/16/94
Furans					
2,3,7,8-TCDF	0.0000068	0.000016	0.000037	0.000035	0.0000057 [0.0000055]
TCDFs (total)	0.000059 I	0.00016 I	0.00032 I	0.00032 I	0.000065 I [0.000045 I]
1,2,3,7,8-PeCDF	0.0000023 J	0.0000059	0.0000099	0.000018	0.0000020 J [0.0000018 J]
2,3,4,7,8-PeCDF	0.0000098	0.000016	0.0000076	0.000039	0.0000067 [0.0000065]
PeCDFs (total)	0.00013 I	0.00026 I	0.00046 I	0.00045 I	0.000097 I [0.000086 I]
1,2,3,4,7,8-HxCDF	0.0000046	0.000015	0.000018	0.000036	0.0000043 [0.0000032]
1,2,3,6,7,8-HxCDF	0.0000066	0.000026 I	0.000030 I	0.000032 I	0.0000060 I [0.0000051 I]
1,2,3,7,8,9-HxCDF	0.0000011 J	0.0000029	0.0000036	0.0000062	0.00000099 J [0.00000081 J]
2,3,4,6,7,8-HxCDF	0.0000094	0.000016	0.000035	0.000031	0.0000072 I [0.0000058 I]
HxCDFs (total)	0.00013 I	0.00035 I	0.00052 I	0.00050 I	0.000092 I [0.000080 I]
1,2,3,4,6,7,8-HpCDF	0.000026 I	0.00016 I	0.00011 I	0.00015 I	0.000024 I [0.000019 I]
1,2,3,4,7,8,9-HpCDF	0.0000021 J	0.0000060	0.0000064	0.000013	0.0000021 J [0.0000014 J]
HpCDFs (total)	0.000061 I	0.00030 I	0.00023 I	0.00042 I	0.000052 I [0.000043 I]
OCDF	0.000033	0.00010	0.000089	0.00029	0.000026 [0.000022]
Dioxins					
2,3,7,8-TCDD	ND(0.00000046)	ND(0.00000046)	ND(0.00000032)	0.00000055	ND(0.00000036) [ND(0.00000028)]
TCDDs (total)	0.00000082	0.0000035	0.0000046	0.0000099	0.00000069 [0.0000011]
1,2,3,7,8-PeCDD	ND(0.00000083) Q	ND(0.0000021) Q	ND(0.0000020) Q	ND(0.0000030) X	ND(0.00000049) [ND(0.00000045)]
PeCDDs (total)	ND(0.0000012) Q	0.000014	0.0000084	0.000011	ND(0.0000010) [ND(0.00000091)]
1,2,3,4,7,8-HxCDD	0.0000011 J	0.0000019 J	0.0000020 J	0.0000043	0.00000068 J [0.00000057 J]
1,2,3,6,7,8-HxCDD	0.0000029	0.0000052	0.0000074	0.000023	0.0000019 J [0.0000018 J]
1,2,3,7,8,9-HxCDD	0.0000019 J	0.0000031	0.0000038	0.0000068	0.0000011 J [0.00000090 J]
HxCDDs (total)	0.000024	0.000047	0.000057	0.00013	0.000015 [0.000013]
1,2,3,4,6,7,8-HpCDD	0.000050	0.000091	0.00011	0.00068	0.000034 [0.000031]
HpCDDs (total)	0.00010	0.00017	0.00025	0.0021	0.000074 [0.000067]
OCDD	0.00039	0.00086	0.00084	0.0065	0.00026 [0.00024]
Total TEQs (WHO TEFs)	0.0000099	0.000021	0.000021	0.000049	0.0000073 [0.0000066]
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	ND(0.600)	ND(0.590)	ND(0.620)	ND(0.630)	ND(0.580) [ND(0.580)]
Iron	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID:	OZ-J-SS6	YB-2
Sample ID:	OZ-J-SS6	YB-2
Sample Depth(Feet):	0-0.3	4-8
Date Collected:	09/16/94	10/06/89
Volatile Organics		
1,1,1,2-Tetrachloroethane	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA
1,1,1-Trichloroethane	NA	0.0040 J
1,1,2,2-Tetrachloroethane	NA	ND(0.0050)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0050)
1,1-Dichloroethane	NA	ND(0.0050)
1,1-Dichloroethene	NA	ND(0.0050)
1,2,3-Trichloropropane	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA
1,2-Dibromoethane	NA	NA
1,2-Dichloroethane	NA	ND(0.0050)
1,2-Dichloroethene (total)	NA	NA
1,2-Dichloropropane	NA	ND(0.0050)
2-Butanone	NA	NA
2-Chloroethylvinylether	NA	ND(0.010)
2-Hexanone	NA	NA
3-Chloropropene	NA	NA
4-Methyl-2-pentanone	NA	NA
Acetone	NA	NA
Acrolein	NA	ND(0.010)
Acrylonitrile	NA	ND(0.010)
Benzene	NA	ND(0.0050)
Bromodichloromethane	NA	ND(0.0050)
Bromoform	NA	ND(0.0050)
Bromomethane	NA	ND(0.010)
Carbon Disulfide	NA	NA
Carbon Tetrachloride	NA	ND(0.0050)
Chlorobenzene	NA	ND(0.0050)
Chloroethane	NA	ND(0.010)
Chloroform	NA	ND(0.0050)
Chloromethane	NA	ND(0.010)
cis-1,3-Dichloropropene	NA	ND(0.0050)
cis-1,4-Dichloro-2-butene	NA	NA
Crotonaldehyde	NA	NA
Dibromochloromethane	NA	ND(0.0050)
Dibromomethane	NA	NA
Ethyl Methacrylate	NA	NA
Ethylbenzene	NA	ND(0.0050)
Iodomethane	NA	NA
Methylene Chloride	NA	0.0030 J
Styrene	NA	NA
Tetrachloroethene	NA	ND(0.0050)
Toluene	NA	0.0010 J
trans-1,2-Dichloroethene	NA	ND(0.0050)
trans-1,3-Dichloropropene	NA	ND(0.0050)
trans-1,4-Dichloro-2-butene	NA	NA
Trichloroethene	NA	ND(0.0050)
Trichlorofluoromethane	NA	NA
Vinyl Acetate	NA	NA
Vinyl Chloride	NA	ND(0.010)
Zylenes (total)	NA	NA
Semivolatile Organics		
1,2,3,4-Tetrachlorobenzene	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA
1,2,3-Trichlorobenzene	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA
1,2,4-Trichlorobenzene	NA	ND(2.0)
1,2-Dichlorobenzene	NA	ND(2.0)
1,2-Diphenylhydrazine	NA	ND(2.0)
1,3,5-Trichlorobenzene	NA	NA
1,3,5-Trinitrobenzene	NA	NA
1,3-Dichlorobenzene	NA	ND(2.0)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID:	OZ-J-SS6	YB-2
Sample ID:	OZ-J-SS6	YB-2
Sample Depth(Feet):	0-0.3	4-8
Date Collected:	09/16/94	10/06/89
Semivolatile Organics (continued)		
1,4-Dichlorobenzene	NA	ND(2.0)
1,4-Dinitrobenzene	NA	NA
1,4-Naphthoquinone	NA	NA
1-Chloronaphthalene	NA	NA
1-Methylnaphthalene	NA	NA
1-Naphthylamine	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA
2,4,5-Trichlorophenol	NA	NA
2,4,6-Trichlorophenol	NA	NA
2,4-Dichlorophenol	NA	NA
2,4-Dimethylphenol	NA	NA
2,4-Dinitrophenol	NA	NA
2,4-Dinitrotoluene	NA	ND(2.0)
2,6-Dichlorophenol	NA	NA
2,6-Dinitrotoluene	NA	ND(2.0)
2-Acetylaminofluorene	NA	NA
2-Chloronaphthalene	NA	ND(2.0)
2-Chlorophenol	NA	NA
2-Methylnaphthalene	NA	NA
2-Methylphenol	NA	NA
2-Naphthylamine	NA	NA
2-Nitroaniline	NA	NA
2-Nitrophenol	NA	NA
2-Phenylenediamine	NA	NA
2-Picoline	NA	NA
3&4-Methylphenol	NA	NA
3,3'-Dichlorobenzidine	NA	ND(4.0)
3,3'-Dimethoxybenzidine	NA	NA
3,3'-Dimethylbenzidine	NA	NA
3-Methylcholanthrene	NA	NA
3-Methylphenol	NA	NA
3-Nitroaniline	NA	NA
3-Phenylenediamine	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA
4-Aminobiphenyl	NA	NA
4-Bromophenyl-phenylether	NA	ND(2.0)
4-Chloro-3-Methylphenol	NA	NA
4-Chloroaniline	NA	NA
4-Chlorobenzilate	NA	NA
4-Chlorophenyl-phenylether	NA	ND(2.0)
4-Methylphenol	NA	NA
4-Nitroaniline	NA	NA
4-Nitrophenol	NA	NA
4-Phenylenediamine	NA	NA
5-Nitro-o-toluidine	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA
a,a'-Dimethylphenethylamine	NA	NA
Acenaphthene	NA	ND(2.0)
Acenaphthylene	NA	0.27 J
Acetophenone	NA	NA
Aniline	NA	NA
Anthracene	NA	ND(2.0)
Benzal chloride	NA	NA
Benzidine	NA	ND(10)
Benzo(a)anthracene	NA	0.30 J
Benzo(a)pyrene	NA	0.37 J
Benzo(b)fluoranthene	NA	0.38 J
Benzo(g,h,i)perylene	NA	ND(2.0)
Benzo(k)fluoranthene	NA	0.46 J
Benzoic Acid	NA	NA
Benzotrichloride	NA	NA
Benzyl Alcohol	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID:	OZ-J-SS6	YB-2
Sample ID:	OZ-J-SS6	YB-2
Sample Depth(Feet):	0-0.3	4-8
Date Collected:	09/16/94	10/06/89
Semivolatile Organics (continued)		
Benzyl Chloride	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(2.0)
bis(2-Chloroethyl)ether	NA	ND(2.0)
bis(2-Chloroisopropyl)ether	NA	ND(2.0)
bis(2-Ethylhexyl)phthalate	NA	ND(2.0)
Butylbenzylphthalate	NA	ND(2.0)
Chrysene	NA	0.31 J
Cyclophosphamide	NA	NA
Diallate	NA	NA
Dibenz(a,j)acridine	NA	NA
Dibenzo(a,h)anthracene	NA	ND(2.0)
Dibenzofuran	NA	NA
Diethylphthalate	NA	ND(2.0)
Dimethoate	NA	NA
Dimethylphthalate	NA	ND(2.0)
Di-n-Butylphthalate	NA	ND(2.0)
Di-n-Octylphthalate	NA	ND(2.0)
Diphenylamine	NA	NA
Ethyl Methacrylate	NA	NA
Ethyl Methanesulfonate	NA	NA
Fluoranthene	NA	0.47 J
Fluorene	NA	ND(2.0)
Hexachlorobenzene	NA	ND(2.0)
Hexachlorobutadiene	NA	ND(2.0)
Hexachlorocyclopentadiene	NA	ND(2.0)
Hexachloroethane	NA	ND(2.0)
Hexachloropropene	NA	NA
Indeno(1,2,3-cd)pyrene	NA	ND(2.0)
Isophorone	NA	ND(2.0)
Isosafrole	NA	NA
Methapyrilene	NA	NA
Methyl Methanesulfonate	NA	NA
Naphthalene	NA	ND(2.0)
Nitrobenzene	NA	ND(2.0)
N-Nitrosodiethylamine	NA	NA
N-Nitrosodimethylamine	NA	ND(2.0)
N-Nitroso-di-n-butylamine	NA	NA
N-Nitroso-di-n-propylamine	NA	ND(2.0)
N-Nitrosodiphenylamine	NA	ND(2.0)
N-Nitrosomethylethylamine	NA	NA
N-Nitrosomorpholine	NA	NA
N-Nitrosopiperidine	NA	NA
N-Nitrosopyrrolidine	NA	NA
o-Toluidine	NA	NA
Paraldehyde	NA	NA
p-Dimethylaminoazobenzene	NA	NA
Pentachlorobenzene	NA	NA
Pentachloroethane	NA	NA
Pentachloronitrobenzene	NA	NA
Pentachlorophenol	NA	NA
Phenacetin	NA	NA
Phenanthrene	NA	0.29 J
Phenol	NA	NA
Pronamide	NA	NA
Pyrene	NA	0.70 J
Pyridine	NA	NA
Safrole	NA	NA
Thionazin	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID:	OZ-J-SS6	YB-2
Sample ID:	OZ-J-SS6	YB-2
Sample Depth(Feet):	0-0.3	4-8
Date Collected:	09/16/94	10/06/89
Furans		
2,3,7,8-TCDF	0.000013	NA
TCDFs (total)	0.00011 I	NA
1,2,3,7,8-PeCDF	0.0000035	NA
2,3,4,7,8-PeCDF	0.0000069	NA
PeCDFs (total)	0.000094 I	NA
1,2,3,4,7,8-HxCDF	0.0000048	NA
1,2,3,6,7,8-HxCDF	0.0000065 I	NA
1,2,3,7,8,9-HxCDF	0.0000011 J	NA
2,3,4,6,7,8-HxCDF	0.0000077 I	NA
HxCDFs (total)	0.000092 I	NA
1,2,3,4,6,7,8-HpCDF	0.000022 I	NA
1,2,3,4,7,8,9-HpCDF	0.0000019 J	NA
HpCDFs (total)	0.000046 I	NA
OCDF	0.000022	NA
Dioxins		
2,3,7,8-TCDD	ND(0.00000047)	NA
TCDDs (total)	0.0000038	NA
1,2,3,7,8-PeCDD	ND(0.00000071)	NA
PeCDDs (total)	ND(0.0000019)	NA
1,2,3,4,7,8-HxCDD	0.00000078 J	NA
1,2,3,6,7,8-HxCDD	0.0000022 J	NA
1,2,3,7,8,9-HxCDD	0.0000014 J	NA
HxCDDs (total)	0.000020	NA
1,2,3,4,6,7,8-HpCDD	0.000037	NA
HpCDDs (total)	0.00010	NA
OCDD	0.00027	NA
Total TEQs (WHO TEFs)	0.0000086	NA
Inorganics		
Aluminum	NA	NA
Antimony	NA	NA
Arsenic	NA	NA
Barium	NA	NA
Beryllium	NA	NA
Cadmium	NA	NA
Calcium	NA	NA
Chromium	NA	NA
Cobalt	NA	NA
Copper	NA	NA
Cyanide	ND(0.560)	NA
Iron	NA	NA
Lead	NA	NA
Magnesium	NA	NA
Manganese	NA	NA
Mercury	NA	NA
Nickel	NA	NA
Potassium	NA	NA
Selenium	NA	NA
Silver	NA	NA
Sodium	NA	NA
Sulfide	NA	NA
Thallium	NA	NA
Vanadium	NA	NA
Zinc	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
2. Field duplicate sample results are presented in brackets.
3. NA - Not Analyzed.
4. NC - Not Calculated - Insufficient data to calculate TEQ.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
7. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

B - Analyte was also detected in the associated method blank.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates that the associated numerical value is an estimated concentration.
Q - Indicates the presence of quantitative interferences.
X - Estimated Maximum Possible Concentration
Z - Co eluting isomers could not be chromatographically resolved in the sample.

Inorganics

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

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E1 OJ-BH000937-0-0060 6-10 03/10/03	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03
Volatile Organics		
1,1,1,2-Tetrachloroethane	ND(0.0044)	NA
1,1,1-Trichloroethane	ND(0.0044)	NA
1,1,2,2-Tetrachloroethane	ND(0.0044)	NA
1,1,2-Trichloroethane	ND(0.0044)	NA
1,1-Dichloroethane	ND(0.0044)	NA
1,1-Dichloroethene	ND(0.0044)	NA
1,2,3-Trichloropropane	ND(0.0044)	NA
1,2,4-Trichlorobenzene	ND(0.0044)	NA
1,2-Dibromo-3-chloropropane	ND(0.0044)	NA
1,2-Dibromoethane	ND(0.0044)	NA
1,2-Dichlorobenzene	ND(0.0044)	NA
1,2-Dichloroethane	ND(0.0044)	NA
1,2-Dichloropropane	ND(0.0044)	NA
1,3-Dichlorobenzene	ND(0.0044)	NA
1,4-Dichlorobenzene	ND(0.0044)	NA
1,4-Dioxane	R	NA
2-Butanone	R	NA
2-Chloro-1,3-butadiene	ND(0.0044)	NA
2-Chloroethylvinylether	ND(0.0044) J	NA
2-Hexanone	ND(0.0044)	NA
3-Chloropropene	ND(0.0044)	NA
4-Methyl-2-pentanone	ND(0.0044)	NA
Acetone	0.0070	NA
Acrolein	R	NA
Acrylonitrile	ND(0.0044)	NA
Benzene	ND(0.0044)	NA
Bromodichloromethane	ND(0.0044)	NA
Bromoform	ND(0.0044)	NA
Bromomethane	ND(0.0044)	NA
Carbon Disulfide	ND(0.0044)	NA
Carbon Tetrachloride	ND(0.0044)	NA
Chlorobenzene	ND(0.0044)	NA
Chloroethane	ND(0.0044)	NA
Chloroform	ND(0.0044)	NA
Chloromethane	ND(0.0044)	NA
cis-1,2-Dichloroethene	ND(0.0044)	NA
cis-1,3-Dichloropropene	ND(0.0044)	NA
Dibromochloromethane	ND(0.0044)	NA
Dibromomethane	ND(0.0044)	NA
Ethyl Methacrylate	ND(0.0044)	NA
Ethylbenzene	ND(0.0044)	NA
Freon 12	ND(0.0044)	NA
Iodomethane	ND(0.0044)	NA
Isobutanol	R	NA
m&p-Xylene	ND(0.0044)	NA
Methacrylonitrile	ND(0.0044)	NA
Methyl Methacrylate	ND(0.0044)	NA
Methyl tert-butyl ether	ND(0.0044)	NA
Methylene Chloride	ND(0.0044)	NA
Naphthalene	ND(0.0044)	NA
o-Xylene	ND(0.0044)	NA
Propionitrile	R	NA
Styrene	ND(0.0044)	NA
Tetrachloroethene	ND(0.0044)	NA
Toluene	ND(0.0044)	NA
trans-1,2-Dichloroethene	ND(0.0044)	NA
trans-1,3-Dichloropropene	ND(0.0044)	NA
trans-1,4-Dichloro-2-butene	ND(0.0044)	NA
Trichloroethene	ND(0.0044)	NA
Trichlorofluoromethane	ND(0.0044)	NA
Vinyl Acetate	ND(0.0044)	NA
Vinyl Chloride	ND(0.0044)	NA
Xylenes (total)	ND(0.0044)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E1 OJ-BH000937-0-0060 6-10 03/10/03	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(0.38) J	ND(1.5) J
1,2,4-Trichlorobenzene	ND(0.38)	ND(1.5)
1,2-Dichlorobenzene	ND(0.38)	ND(1.5)
1,3,5-Trinitrobenzene	ND(0.38)	ND(1.5)
1,3-Dichlorobenzene	ND(0.38)	ND(1.5)
1,3-Dinitrobenzene	ND(0.38)	ND(1.5)
1,4-Dichlorobenzene	ND(0.38)	ND(1.5)
1,4-Naphthoquinone	ND(0.38)	ND(1.5)
1-Naphthylamine	ND(0.38)	ND(1.5) J
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(1.5)
2,4,5-Trichlorophenol	ND(0.95)	ND(3.8)
2,4,6-Trichlorophenol	ND(0.38)	ND(1.5)
2,4-Dichlorophenol	ND(0.38)	ND(1.5)
2,4-Dimethylphenol	ND(0.38)	ND(1.5)
2,4-Dinitrophenol	ND(0.95) J	ND(3.8)
2,4-Dinitrotoluene	ND(0.38)	ND(1.5)
2,6-Dichlorophenol	ND(0.38)	ND(1.5)
2,6-Dinitrotoluene	ND(0.38)	ND(1.5)
2-Acetylaminofluorene	ND(0.38)	ND(1.5)
2-Chloronaphthalene	ND(0.38)	ND(1.5)
2-Chlorophenol	ND(0.38)	ND(1.5)
2-Methylnaphthalene	ND(0.38)	1.1 J
2-Methylphenol	ND(0.38)	ND(1.5)
2-Naphthylamine	ND(0.38)	ND(1.5) J
2-Nitroaniline	ND(0.95)	ND(3.8)
2-Nitrophenol	ND(0.38)	ND(1.5)
2-Picoline	ND(0.38)	ND(1.5)
3,3'-Dichlorobenzidine	ND(0.38)	ND(1.5) J
3,3'-Dimethylbenzidine	ND(0.38)	ND(1.5) J
3-Methylcholanthrene	ND(0.38)	ND(1.5) J
3-Nitroaniline	ND(0.95)	ND(3.8)
4,6-Dinitro-2-methylphenol	ND(0.95)	ND(3.8)
4-Aminobiphenyl	ND(0.38)	ND(1.5) J
4-Bromophenyl-phenylether	ND(0.38)	ND(1.5)
4-Chloro-3-Methylphenol	ND(0.38) J	ND(1.5)
4-Chloroaniline	ND(0.38) J	ND(1.5) J
4-Chlorobenzilate	ND(0.38)	ND(1.5)
4-Chlorophenyl-phenylether	ND(0.38)	ND(1.5)
4-Methylphenol	ND(0.38)	ND(1.5)
4-Nitroaniline	ND(0.95)	ND(3.8)
4-Nitrophenol	ND(0.95) J	ND(3.8)
4-Nitroquinoline-1-oxide	ND(0.38) J	ND(1.5)
4-Phenylenediamine	ND(0.38)	ND(1.5)
5-Nitro-o-toluidine	ND(0.38)	ND(1.5)
7,12-Dimethylbenz(a)anthracene	ND(0.38)	ND(1.5) J
a,a'-Dimethylphenethylamine	ND(0.38)	ND(1.5)
Acenaphthene	ND(0.38)	0.86 J
Acenaphthylene	ND(0.38)	0.27 J
Acetophenone	ND(0.38)	ND(1.5)
Aniline	ND(0.95)	ND(3.8)
Anthracene	ND(0.38)	2.2
Aramite	ND(0.38)	ND(1.5)
Azobenzene	ND(0.38)	ND(1.5)
Benzo(a)anthracene	ND(0.38)	3.7
Benzo(a)pyrene	ND(0.38)	2.4 J
Benzo(b)fluoranthene	ND(0.38)	2.3 J
Benzo(g,h,i)perylene	ND(0.38)	1.4 J
Benzo(k)fluoranthene	ND(0.38) J	4.0 J
Benzyl Alcohol	ND(0.38)	ND(1.5)
bis(2-Chloroethoxy)methane	ND(0.38)	ND(1.5)
bis(2-Chloroethyl)ether	ND(0.38)	ND(1.5)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(1.5)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(1.5) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E1 OJ-BH000937-0-0060 6-10 03/10/03	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03
Semivolatile Organics (continued)		
Butylbenzylphthalate	ND(0.38)	ND(1.5)
Chrysene	ND(0.38)	3.6 J
Diallate	ND(0.38)	ND(1.5)
Dibenzo(a,h)anthracene	ND(0.38)	0.74 J
Dibenzofuran	ND(0.38)	0.53 J
Diethylphthalate	ND(0.38)	ND(1.5)
Dimethylphthalate	ND(0.38)	ND(1.5)
Di-n-Butylphthalate	ND(0.38)	ND(1.5)
Di-n-Octylphthalate	ND(0.38)	ND(1.5) J
Ethyl Methanesulfonate	ND(0.38)	ND(1.5)
Fluoranthene	ND(0.38)	5.8
Fluorene	ND(0.38)	1.4 J
Hexachlorobenzene	ND(0.38)	ND(1.5)
Hexachlorobutadiene	ND(0.38)	ND(1.5)
Hexachlorocyclopentadiene	ND(0.38)	ND(1.5) J
Hexachloroethane	ND(0.38)	ND(1.5)
Hexachloropropene	ND(0.38)	ND(1.5)
Indeno(1,2,3-cd)pyrene	ND(0.38)	1.4 J
Isophorone	ND(0.38)	ND(1.5)
Isosafrole	ND(0.38) J	ND(1.5) J
Methapyrilene	ND(0.38)	ND(1.5)
Methyl Methanesulfonate	ND(0.38)	ND(1.5)
Naphthalene	ND(0.38)	0.38 J
Nitrobenzene	ND(0.38)	ND(1.5)
N-Nitrosodiethylamine	ND(0.38)	ND(1.5)
N-Nitrosodimethylamine	ND(0.38)	ND(1.5)
N-Nitroso-di-n-butylamine	ND(0.38)	ND(1.5)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(1.5)
N-Nitrosodiphenylamine	ND(0.38)	ND(1.5)
N-Nitrosomethylethylamine	ND(0.38)	ND(1.5) J
N-Nitrosomorpholine	ND(0.38)	ND(1.5)
N-Nitrosopiperidine	ND(0.38)	ND(1.5)
N-Nitrosopyrrolidine	ND(0.38)	ND(1.5)
o-Toluidine	ND(0.38)	ND(1.5)
p-Dimethylaminoazobenzene	ND(0.38)	ND(1.5)
Pentachlorobenzene	ND(0.38)	ND(1.5)
Pentachloroethane	ND(0.38)	ND(1.5)
Pentachloronitrobenzene	ND(0.38)	ND(1.5)
Pentachlorophenol	ND(0.95)	ND(3.8)
Phenacetin	ND(0.38)	ND(1.5)
Phenanthrene	ND(0.38)	7.7 J
Phenol	ND(0.38)	ND(1.5)
Pronamide	ND(0.38)	ND(1.5)
Pyrene	ND(0.38)	8.2
Pyridine	ND(0.38) J	ND(1.5) J
Safrole	ND(0.38)	ND(1.5)
Herbicides		
Dinoseb	ND(0.38)	ND(1.5)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS J AND K REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA15-E1 OJ-BH000937-0-0060 6-10 03/10/03	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03
Inorganics		
Antimony	ND(0.300)	0.400
Arsenic	4.40	0.810 J
Barium	21.6	6.20
Beryllium	ND(0.200)	0.110
Cadmium	ND(0.0430)	ND(0.0400)
Chromium	7.20	4.40
Cobalt	7.50	3.10
Copper	12.3	3.10
Cyanide	ND(0.560)	NA
Lead	4.30	5.50 J
Mercury	ND(0.0190)	ND(0.0180)
Nickel	13.0 J	5.10
Selenium	0.970	ND(0.280) J
Silver	ND(0.170)	ND(0.160) J
Thallium	ND(0.310) J	ND(0.290) J
Tin	ND(0.390)	ND(0.470)
Vanadium	7.50	4.10
Zinc	49.5 J	21.9

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed.

Data Qualifiers:

J - Estimated Value.
R - Rejected.

Appendix C

Soil Sampling Data Validation Report

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APPENDIX C

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during pre-design investigation (PDI) activities conducted in support of Removal Design/Removal Action (RD/RA) at Former Oxbow Areas J and K, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by Severn Trent Laboratories of Pittsburgh, Pennsylvania. Data validation was performed for 475 polychlorinated biphenyl (PCB) samples, 144 volatile organic compound (VOC) samples, 126 semi-volatile organic compound (SVOC) samples, 126 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 126 metals samples, and 126 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved November 4, 2002 and resubmitted December 10, 2002);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).*

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

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

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

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

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

UX An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as" the compound of interest. This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. Non-detected sample results that required qualification are presented as ND(PQL) X within this report and in Table C-1 for consistency with previous documents prepared for this investigation.

3.0 Data Validation Procedures

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

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

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	289	14	15	139	8	10	475
VOCs	0	0	0	114	6	24	144
SVOCs	0	0	0	114	6	6	126
PCDDs/PCDFs	0	0	0	113	7	6	126
Metals	0	0	0	114	6	6	126
Cyanide/Sulfide	0	0	0	114	6	6	126
Total	**289**	**14**	**15**	**708**	**39**	**58**	**1123**

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

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 72% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for Relative Percent Difference (RPD) compliance with the criteria specified in the FSP/QAPP.

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

4.0 Data Review

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

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	128	J
	Acetonitrile	51	J
	Acrolein	51	J
	Isobutanol	118	J
	Propionitrile	14	J

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

Analysis Qualified Due to Continuing Calibration RRF Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	102	J
	Acetonitrile	57	J
	Acrolein	35	J
	Isobutanol	79	J
	Propionitrile	16	J

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

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

Compounds Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	2-Butanone	115	J
	2-Chloroethylvinylether	107	J
	2-Hexanone	24	J
	4-Methyl-2-pentanone	27	J
	Acetone	93	J
	Bromomethane	38	J
	Chloroethane	30	J
	Chloromethane	8	J
	Trichlorofluoromethane	25	J

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

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,1-Trichloroethane	3	J
	1,1,2,2-Tetrachloroethane	4	J
	1,2,3-Trichloropropane	4	J
	1,2-Dibromo-3-chloropropane	4	J
	1,4-Dioxane	19	J
	2-Butanone	83	J
	2-Chloro-1,3-butadiene	32	J
	2-Chloroethylvinylether	73	J
	2-Hexanone	45	J
	3-Chloropropene	11	J
	Acetone	93	J
	Acetonitrile	17	J
	Acrolein	86	J
	Acrylonitrile	40	J
	Bromomethane	7	J
	Carbon Tetrachloride	3	J
	Chloroethane	28	J
	Chloromethane	3	J
	Dichlorodifluoromethane	20	J
	Ethyl Methacrylate	40	J
	Iodomethane	21	J
	Isobutanol	9	J
	Methacrylonitrile	20	J
	Methyl Methacrylate	20	J
	Propionitrile	15	J
	trans-1,4-Dichloro-2-butene	18	J
	Trichlorofluoromethane	44	J
	Vinyl Acetate	21	J
SVOCs	1,2-Diphenylhydrazine	14	J
	1,3,5-Trinitrobenzene	11	J
	1,3-Dinitrobenzene	3	J
	2,4,6-Trichlorophenol	1	J
	2,4-Dinitrophenol	9	J
	2,6-Dinitrotoluene	15	J
	2-Acetylaminofluorene	30	J
	2-Naphthylamine	8	J
	2-Nitroaniline	16	J
	2-Picoline	10	J
	3,3'-Dichlorobenzidine	57	J
	3,3'-Dimethylbenzidine	43	J
	3-Nitroaniline	29	J
	4,6-Dinitro-2-methylphenol	3	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4-Aminobiphenyl	95	J
	4-Bromophenyl-phenylether	59	J
	4-Chlorobenzilate	58	J
	4-Nitroaniline	10	J
	4-Nitrophenol	1	J
	4-Nitroquinoline-1-oxide	45	J
	4-Phenylenediamine	14	J
	5-Nitro-o-toluidine	12	J
	a,a'-Dimethylphenethylamine	35	J
	Aniline	4	J
	Aramite	136	J
	Benzidine	114	J
	Benzo(a)anthracene	3	J
	Benzyl Alcohol	3	J
	2-Naphthylamine	1	J
	4-Nitroquinoline-1-oxide	1	J
	4-Phenylenediamine	1	J
	Hexachlorophene	54	J
PCDDs/PCDFs	OCDD	21	J

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

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Selenium	11	J
	Thallium	46	J

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

Analytes/Compounds Qualified Due to Blank Deviations

Analysis	Compound	Number of Affected Samples	Qualification
Inorganics	Antimony	2	U
	Beryllium	34	U
	Cadmium	7	U
	Mercury	3	U
	Selenium	3	U
	Tin	104	U
	Vanadium	1	U
VOCs	Toluene	4	U
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	U
	1,2,3,4,7,8-HxCDD	1	U
	1,2,3,6,7,8-HxCDD	2	U
	1,2,3,7,8,9-HxCDD	3	U
	1,2,3,7,8,9-HxCDF	3	U
	HpCDDs (total)	1	U
	OCDD	7	U
	OCDF	10	U
Conventional	Cyanide	10	U

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

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	All base-neutral compound	1	J

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

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
Inorganics	Antimony	60	J
	Barium	17	J
	Chromium	5	J
	Copper	27	J
	Lead	14	J
	Mercury	22	J
	Nickel	5	J
	Zinc	10	J
PCBs	Aroclor-1254	1	J
	Total PCBs	1	J
PCDDs/PCDFs	1,2,3,4,7,8-HxCDF	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,7,8-TCDF	2	J
	OCDD	2	J

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

Compounds Qualified Due to Matrix Spike RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	2,3,7,8-TCDF	1	J
	OCDD	1	J

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

Analytes/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
Inorganics	Chromium	7	J
	Lead	13	J
PCBs	Aroclor-1254	8	J
	Aroclor-1260	4	J
	Total PCBs	8	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	2	J

Analytes/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	2	J
	1,2,3,4,7,8,9-HpCDF	2	J
	2,3,7,8-TCDF	2	J
	HpCDDs (total)	2	J
	HpCDFs (total)	2	J
	OCDD	4	J
	OCDF	2	J

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

Analytes Qualified Due to Laboratory Duplicate Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Copper	1	J
	Lead	16	J
	Nickel	6	J
	Tin	5	J

The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 140%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 25%, but greater than 10%. Compounds associated with internal standards which exceeded the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	4	J
	1,2,3,4,7,8,9-HpCDF	4	J
	1,2,3,4,7,8-HxCDD	1	J
	1,2,3,4,7,8-HxCDF	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8,9-HxCDD	1	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	4	J
	1,2,3,7,8-PeCDF	5	J
	2,3,4,6,7,8-HxCDF	1	J
	2,3,4,7,8-PeCDF	4	J
	2,3,7,8-TCDD	3	J
	2,3,7,8-TCDF	4	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	HpCDFs (total)	4	J
	HxCDDs (total)	1	J
	HxCDFs (total)	1	J
	OCDD	7	J
	OCDF	4	J
	PeCDDs (total)	4	J
	PeCDFs (total)	5	J
	TCDDs (total)	3	J
	TCDFs (total)	3	J

Laboratory control sample (LCS) recoveries must be within the laboratory-generated QC acceptance limits specified on the LCS reporting form. Sample results associated with a LCS that exceeded laboratory-generated QC acceptance limits and exhibited a recovery greater than 10% were qualified as estimated (J). Analyte that did not meet LCS recovery criteria and the samples qualified due to those deviations are presented below.

Analyte Qualified Due to LCS Recovery Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
Metals	Antimony	1	J

The analytical laboratory is required to analyze one sample per analytical batch using a 5-fold dilution to evaluate matrix interferences. Analytes with results greater than 50 times the IDL in the undiluted sample are evaluated to determine if matrix interference exists. These analytes are required to have less than a 10 percent difference (%D) between sample results from the undiluted sample and results for the same sample analyzed with a 5-fold dilution. Detected results that were greater than 50 times the IDL were qualified as estimated (J) for analytes with a %D greater than 10 percent. The inorganic analyte that did not meet ICP serial dilution requirements and the number of samples qualified due to those requirements are presented below.

Analytes Qualified Due to ICP Serial Dilution Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Copper	7	J
	Nickel	5	J
	Vanadium	5	J

The compounds listed below qualified with the laboratory qualifier "B". Defined as "compound was also detected in the associated method blank" this statement did not apply to the compounds listed below. The compounds which the laboratory data qualifier was removed and the number of samples affected by the error are presented below.

Compounds Method Blank Qualification Removed Due Laboratory Error

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	12	B
	1,2,3,4,6,7,8-HpCDF	22	B
	1,2,3,4,7,8,9-HpCDF	6	B

Compounds Method Blank Qualification Removed Due Laboratory Error

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	1,2,3,4,7,8-HxCDD	3	B
	1,2,3,4,7,8-HxCDF	10	B
	1,2,3,7,8,9-HxCDD	8	B
	1,2,3,7,8,9-HxCDF	5	B
	2,3,4,6,7,8-HxCDF	16	B
	HpCDDs (total)	11	B
	HpCDFs (total)	10	B
	HxCDDs (total)	1	B
	OCDD	18	B
	OCDF	13	B

Extraction holding timing criterion for organics require that groundwater herbicides are extracted within 40 days. The compounds that exceeded extraction holding time and the number of samples qualified due to deviation are presented below.

Compounds Qualified Due to Extraction Holding Time Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	1	J
	Aroclor-1221	1	J
	Aroclor-1232	1	J
	Aroclor-1242	1	J
	Aroclor-1248	1	J
	Aroclor-1254	1	J
	Aroclor-1260	1	J
	Total PCBs	1	J

The compounds listed below were not qualified with the laboratory qualifier "X". X is defined as estimated maximum possible concentration (EMPC). The EMPC designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as" the compound of interest. This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. The compounds which the laboratory data qualifier was added and the number of samples affected by the error are presented below.

Compounds Incorrectly Qualified

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	8	UX
	1,2,3,4,6,7,8-HpCDF	10	UX
	1,2,3,4,7,8,9-HpCDF	14	UX
	1,2,3,4,7,8-HxCDD	12	UX
	1,2,3,4,7,8-HxCDF	14	UX

Compounds Incorrectly Qualified

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	1,2,3,6,7,8-HxCDD	12	UX
	1,2,3,6,7,8-HxCDF	15	UX
	1,2,3,7,8,9-HxCDD	14	UX
	1,2,3,7,8,9-HxCDF	6	UX
	1,2,3,7,8-PeCDD	5	UX
	1,2,3,7,8-PeCDF	16	UX
	2,3,4,6,7,8-HxCDF	16	UX
	2,3,4,7,8-PeCDF	11	UX
	2,3,7,8-TCDD	10	UX
	2,3,7,8-TCDF	1	UX
	HpCDDs (total)	6	UX
	HpCDFs (total)	3	UX
	HxCDDs (total)	7	UX
	HxCDFs (total)	6	UX
	OCDD	4	UX
	OCDF	2	UX
	PeCDDs (total)	9	UX
	PeCDFs (total)	5	UX
	TCDDs (total)	7	UX
	TCDFs (total)	1	UX

The analysis of PCDDs/PCDFs requires a second column confirmation analysis for any sample analyzed on a DB-5 (or equivalent) column in which 2,3,7,8-TCDF is detected, or where 2,3,7,8-TCDF is detected as an EMPC at or above the PQL. This is due to the inability of the DB-5 column to distinguish between TCDD and TCDF isomers. The confirmation analysis was completed for the samples which it was required, but due to a co-eluting interference the laboratory was unable to accurately report the sample analysis from the secondary column. Therefore the laboratory reported the sample results form the DB-5 column. Sample results which were reported from the DB-5 column were qualified as EMPC (X). The compounds which the laboratory reported from the DB-5 column and the number of samples affected by the error are presented below.

Sample Results Reported From the DB-5 Column

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	2,3,7,8-TCDF	31	X

The compounds listed below were qualified with the laboratory qualifier "Q". Q was defined by the laboratory as "Ion suppression evident. ...This may indicate a temporary suppression of the instrument sensitivity, due to a matrix-borne interference". A decrease in sensitivity due to an interference may cause a basis in the quantitation of the sample result. Therefore sample results which were qualified by the laboratory with a "Q" were also qualified as estimated "J". The compounds which the laboratory data qualifier was added and the number of samples affected by the error are presented below.

Compounds Qualified Due to Quantifiable Interference

Analysis	Compounds	Number of Affected Samples	Qualification Removed
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	7	J
	1,2,3,7,8,9-HxCDD	7	J
	HpCDDs (total)	7	J
	HxCDDs (total)	13	J
	HxCDFs (total)	10	J
	OCDD	7	J
	PeCDDs (total)	2	J
	PeCDFs (total)	5	J
	TCDDs (total)	1	J
	TCDFs (total)	5	J

5.0 Overall Data Usability

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

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	100	None
PCBs	100	None
PCDDs/PCDFs	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate

samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.09% of the data required qualification for laboratory duplicate RPD deviations, 0.01% of the data required qualification MS/MSD RPD deviations, and 0.15% of the data required qualification field duplicate RPD deviations. None of the data required qualification for ICP serial dilution deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 6.2% of the data required qualification for calibration deviations, 0.18% required qualification for CRDL standard recoveries, 0.31% required qualification for surrogate compound standard recoveries, 0.21% required qualification for internal standard recoveries, 0.003% required qualification for LCS recoveries, and 0.54% required qualification for MS/MSD recoveries.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, 0.03% of the data required qualification for holding time analysis deviations.

5.4 Comparability

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

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

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data for individual analytical parameters and overall usability of this data set is 100.0%.

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
C3B110215	RAA15-N11 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-N11 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-N11 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P13 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P13 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P13 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P13 (5 - 7)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P15 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P15 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110215	RAA15-P15 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N13 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N13 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N13 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N15 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N15 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N15 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N15 (5 - 7)	2/10/03	Soil	Tier I	No						
C3B110220	RAA15-N15 (7 - 9)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-DUP-2 (1 - 3)	2/10/03	Soil	Tier I	No						RAA15-N15
C3B110221	RAA15-N17 (0 - 1)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-N17 (1 - 3)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-N17 (3 - 5)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-N17 (5 - 7)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-N17 (7 - 9)	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-RB-021003-1	2/10/03	Soil	Tier I	No						
C3B110221	RAA15-RB-021003-2	2/10/03	Soil	Tier I	No						
C3B120206	RAA15-L11 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L11 (1 - 3)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L11 (3 - 5)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (1 - 3)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (11 - 13)	2/11/03	Soil	Tier II	Yes	Aroclor-1254	MS %R	151.0%	37% to 138%	0.40 J	
						Total PCBs	MS %R	151.0%	37% to 138%	0.40 J	
						Aroclor-1254	MSD %R	155.0%	37% to 138%	0.40 J	
						Total PCBs	MSD %R	155.0%	37% to 138%	0.40 J	
C3B120206	RAA15-L13 (13 - 15)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (3 - 5)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (5 - 7)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (7 - 9)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L13 (9 - 11)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (1 - 3)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (11 - 13)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (13 - 15)	2/11/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	81.7%	<50%	0.50 J	
C3B120206	RAA15-L15 (3 - 5)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (5 - 7)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (7 - 9)	2/11/03	Soil	Tier II	No						
C3B120206	RAA15-L15 (9 - 11)	2/11/03	Soil	Tier II	No						
C3B120209	RAA15-J15 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-J15 (1 - 3)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-J15 (3 - 5)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-J15 (5 - 7)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-J15 (7 - 9)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-L9 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120209	RAA15-L9 (1 - 3)	2/11/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3B120209	RAA15-L9 (3 - 5)	2/11/03	Soil	Tier I	No						
C3B120213	RAA15-DUP-3 (13 - 15)	2/11/03	Soil	Tier II	Yes	Aroclor-1016	Holdtimes (Analysis)	68 days	<40 days	ND(0.042) J	RAA15-L15
						Aroclor-1221	Holdtimes (Analysis)	68 days	<40 days	ND(0.042) J	
						Aroclor-1232	Holdtimes (Analysis)	68 days	<40 days	ND(0.042) J	
						Aroclor-1242	Holdtimes (Analysis)	68 days	<40 days	ND(0.042) J	
						Aroclor-1248	Holdtimes (Analysis)	68 days	<40 days	ND(0.042) J	
						Aroclor-1254	Holdtimes (Analysis)	68 days	<40 days	0.21 J	
						Aroclor-1260	Holdtimes (Analysis)	68 days	<40 days	0.093 J	
						Total PCBs	Holdtimes (Analysis)	68 days	<40 days	0.303 J	
						Aroclor-1254	Field Duplicate RPD (Soil)	81.7%	<50%	0.21 J	
C3B120213	RAA15-J11 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-J11 (1 - 3)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-J11 (3 - 5)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-J11 (5 - 7)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-O13 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-O14 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-O15 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-P12 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-P14 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RAA15-Q13 (0 - 1)	2/11/03	Soil	Tier II	No						
C3B120213	RB-021103-1	2/11/03	Soil	Tier II	No						
C3B120213	RB-021103-2	2/11/03	Soil	Tier II	No						
C3B120213	RB-021103-3	2/11/03	Soil	Tier II	No						
C3B140114	RAA15-H11 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-H11 (1 - 3)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-H11 (3 - 5)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-H13 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-H13 (1 - 3)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-H13 (3 - 5)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-J9 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-J9 (1 - 3)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-J9 (3 - 5)	2/12/03	Soil	Tier I	No						
C3B140114	RAA15-O11 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K10 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K11 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K13 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K14 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K15 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K8.5 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-K9 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-L10 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-L12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-L14 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-L16 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-L8.5 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-M10 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140124	RAA15-M11 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B120219	RAA15-M12 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-M13 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-M14 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-M15 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-M16 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-M17 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-N12 (0 - 1)	2/11/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3B120219	RAA15-N14 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-N16 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B120219	RAA15-O16 (0 - 1)	2/11/03	Soil	Tier I	No						
C3B140129	RAA15-DUP-6 (9 - 11)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-DUP-7 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-DUP-8 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-GH12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-GH13 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-H12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-H14 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I10 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I11 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I13 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I14 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-I15 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-J10 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-J12 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-J13 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-J14 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-J8.5 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RAA15-K16 (0 - 1)	2/12/03	Soil	Tier I	No						
C3B140129	RB-021203-1	2/12/03	Water	Tier I	No						
C3B140129	RB-021203-2	2/12/03	Water	Tier I	No						
C3B140129	RB-021203-3	2/12/03	Water	Tier I	No						
C3B140287	RAA15-G9 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-H7 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-H9 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J6 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J6 (1 - 3)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J6 (10 - 15)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J6 (3 - 6)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J6 (6 - 10)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J8 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J8 (1 - 3)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J8 (3 - 6)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-J8 (6 - 10)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-L7 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-L8 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N6 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N6 (1 - 3)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N6 (10 - 15)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N6 (3 - 6)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N6 (6 - 10)	2/13/03	Soil	Tier II	No						
C3B140287	RAA15-N7 (0 - 1)	2/13/03	Soil	Tier II	No						
C3B140291	RAA15-DUP-9 (0 - 1)	2/13/03	Soil	Tier I	No						RAA15-H9 (0 - 1)
C3B140291	RAA15-G11 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G11 (1 - 3)	2/13/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3B140291	RAA15-G11 (10 - 15)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G11 (3 - 6)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G11 (6 - 10)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G13 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G15 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G15 (1 - 3)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G15 (10 - 15)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G15 (3 - 6)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-G15 (6 - 10)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-H8 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-J7 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-J8 (10 - 15)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-L5 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RAA15-L6 (0 - 1)	2/13/03	Soil	Tier I	No						
C3B140291	RB-021303-1	2/13/03	Water	Tier I	No						
C3B150107	RAA15-DUP-10 (10 - 15)	2/14/03	Soil	Tier I	No						RAA15-G20 (10 - 15)
C3B150107	RAA15-G18 (10 - 15)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-G20 (0 - 1)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-G20 (1 - 3)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-G20 (10 - 15)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-G20 (3 - 6)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-G20 (6 - 10)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-J18 (0 - 1)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-J18 (1 - 3)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-J18 (10 - 15)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-J18 (3 - 6)	2/14/03	Soil	Tier I	No						
C3B150107	RAA15-J18 (6 - 10)	2/14/03	Soil	Tier I	No						
C3B150107	RB-021403-1	2/14/03	Water	Tier I	No						
C3B190173	RAA15-DUP-11 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-E23 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-F17 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-F19 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-F21 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-F24 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-G17 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-G19 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-G21 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-H15 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-H17 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-H18 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-H19 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-H20 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-H21 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-J17 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-J19 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190173	RAA15-L17 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-L18 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RAA15-L19 (0 - 1)	2/17/03	Soil	Tier I	No						
C3B190173	RB-021703-1	2/17/03	Water	Tier I	No						
C3B190177	RAA15-E19 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190177	RAA15-F18 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190177	RAA15-F22 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190177	RAA15-F23 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B190177	RAA15-G23 (0 - 1)	2/18/03	Soil	Tier I	No						
C3B200196	RAA15-E20 (1 - 3)	2/19/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3B200196	RAA15-E20 (10 - 15)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E20 (3 - 6)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E20 (6 - 10)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E21 (0 - 1)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E22 (0 - 1)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E22 (1 - 3)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E22 (10 - 15)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E22 (3 - 6)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-E22 (6 - 10)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-G22 (1 - 3)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-G22 (10 - 15)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-G22 (3 - 6)	2/19/03	Soil	Tier I	No						
C3B200196	RAA15-G22 (6 - 10)	2/19/03	Soil	Tier I	No						
C3B210201	RAA15-DUP-13 (10 - 15)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-E18 (0 - 1)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-E18 (1 - 3)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-E18 (10 - 15)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-E18 (3 - 6)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-E18 (6 - 10)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-J20 (0 - 1)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-J20 (1 - 3)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-J20 (10 - 15)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-J20 (3 - 6)	2/20/03	Soil	Tier I	No						
C3B210201	RAA15-J20 (6 - 10)	2/20/03	Soil	Tier I	No						
C3B210201	RB-022003-1	2/20/03	Water	Tier I	No						
C3B220119	RAA15-A11 (0 - 1)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A11 (1 - 3)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A15 (0 - 1)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A15 (1 - 3)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A15 (10 - 15)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A15 (3 - 6)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-A15 (6 - 10)	2/21/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	ND(0.036) J	
						Total PCBs	Field Duplicate RPD (Soil)	154.0%	<50%	0.021 J	
C3B220119	RAA15-C11 (0 - 1)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C11 (1 - 3)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C11 (3 - 6)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C11 (6 - 10)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C15 (0 - 1)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C15 (1 - 3)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C15 (10 - 15)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C15 (3 - 6)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-C15 (6 - 10)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-DUP-14 (6 - 10)	2/21/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	0.11 J	RAA15-A15 (6 - 10)
						Total PCBs	Field Duplicate RPD (Soil)	154.0%	<50%	0.157 J	
C3B220119	RAA15-DUP-15 (3 - 6)	2/21/03	Soil	Tier II	No						RAA15-C11 (3 - 6)
C3B220119	RAA15-E11 (0 - 1)	2/21/03	Soil	Tier II	No						
C3B220119	RAA15-E11 (1 - 3)	2/21/03	Soil	Tier II	No						
C3B220119	RB-022103-1	2/21/03	Water	Tier II	No						
C3B220119	RB-022103-2	2/21/03	Water	Tier II	No						
C3B250198	RAA15-A17 (0 - 1)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A18 (0 - 1)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A18 (1 - 3)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A18 (10 - 15)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A18 (3 - 6)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A18 (6 - 10)	2/24/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3B250198	RAA15-A19 (0 - 1)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A8 (0 - 1)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A8 (1 - 3)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A8 (10 - 15)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A8 (3 - 6)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A8 (6 - 10)	2/24/03	Soil	Tier I	No						
C3B250198	RAA15-A9 (0 - 1)	2/24/03	Soil	Tier I	No						
C3B260208	RAA15-A13 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B11 (0 - 1)	2/25/03	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	59.7%	<50%	500 J	
						Total PCBs	Field Duplicate RPD (Soil)	59.7%	<50%	500 J	
C3B260208	RAA15-B13 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B15 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B17 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B18 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B19 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B7 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B8 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-B9 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-C13 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-C17 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-C7 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-C9 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-D11 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-D13 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-D15 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-D17 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-D9 (0 - 1)	2/25/03	Soil	Tier II	No						
C3B260208	RAA15-DUP-16 (0 - 1)	2/25/03	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	59.7%	<50%	270 J	RAA15-B11 (0 - 1)
						Total PCBs	Field Duplicate RPD (Soil)	59.7%	<50%	270 J	
C3B260208	RB-022503-1	2/25/03	Water	Tier II	No						
C3B270209	RAA15-C18 (0 - 1)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C18 (1 - 3)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C18 (10 - 15)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C18 (3 - 6)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C18 (6 - 10)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C8 (0 - 1)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C8 (1 - 3)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C8 (10 - 15)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C8 (3 - 6)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-C8 (6 - 10)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-DUP-17 (10 - 15)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E15 (0 - 1)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E15 (1 - 3)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E15 (10 - 15)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E15 (3 - 6)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E15 (6 - 10)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E8 (0 - 1)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E8 (1 - 3)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E8 (10 - 15)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E8 (3 - 6)	2/26/03	Soil	Tier I	No						
C3B270209	RAA15-E8 (6 - 10)	2/26/03	Soil	Tier I	No						
C3B270209	RB-022603-1	2/26/03	Water	Tier I	No						
C3C010129	RAA15-A20 (0 - 1)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A20 (1 - 3)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A20 (10 - 15)	2/28/03	Soil	Tier II	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3C010129	RAA15-A20 (3 - 6)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A20 (6 - 10)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A22 (0 - 1)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A22 (1 - 3)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A22 (10 - 15)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A22 (3 - 6)	2/28/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	0.16 J	
						Total PCBs	Field Duplicate RPD (Soil)	66.7%	<50%	0.40 J	
C3C010129	RAA15-A22 (6 - 10)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A24 (0 - 1)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A24 (1 - 3)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A24 (10 - 15)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-A24 (6 - 10)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-B22 (0 - 1)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-C22 (0 - 1)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-C22 (1 - 3)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-C22 (10 - 15)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-C22 (3 - 6)	2/28/03	Soil	Tier II	No						
C3C010129	RAA15-C22 (6 - 10)	2/28/03	Soil	Tier II	No						
C3C010132	RAA15-C19 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-D7 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-D8 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-DUP-18 (10 - 15)	2/27/03	Soil	Tier II	No						RAA15-E11 (10 - 15)
C3C010132	RAA15-DUP-19 (0 - 1)	2/27/03	Soil	Tier II	No						RAA15-F9 (0 - 1)
C3C010132	RAA15-DUP-20 (3 - 6)	2/28/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	ND(0.038) J	RAA15-A22 (3 - 6)
						Total PCBs	Field Duplicate RPD (Soil)	66.7%	<50%	0.20 J	
C3C010132	RAA15-E11 (10 - 15)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-E11 (3 - 6)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-E11 (6 - 10)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-E13 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-E7 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-E9 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-F11 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-F13 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-F8 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RAA15-F9 (0 - 1)	2/27/03	Soil	Tier II	No						
C3C010132	RB-022703-1	2/27/03	Water	Tier II	No						
C3C010132	RB-022703-2	2/27/03	Water	Tier II	No						
C3C010132	RB-022803-1	2/28/03	Water	Tier II	No						
C3C040167	RAA15-A21 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A23 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A25 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A26 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A26 (1 - 3)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A26 (10 - 15)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A26 (3 - 6)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A26 (6 - 10)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-A27 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-B21 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-B23 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-B24 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C21 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C23 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C24 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C24 (1 - 3)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C24 (10 - 15)	3/3/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3C040167	RAA15-C24 (3 - 6)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-C24 (6 - 10)	3/3/03	Soil	Tier I	No						
C3C040167	RAA15-DUP-21 (0 - 1)	3/3/03	Soil	Tier I	No						
C3C040167	RB-030303-1	3/3/03	Water	Tier I	No						
C3C050292	RAA15-B20 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C20 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C20 (1 - 3)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C20 (10 - 15)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C20 (3 - 6)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C20 (6 - 10)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-C25 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D20 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D21 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D22 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D23 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D24 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D25 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D26 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-D27 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-DUP-22 (1 - 3)	3/4/03	Soil	Tier I	No						RAA15-C20 (1 - 3)
C3C050292	RAA15-G4 (0 - 1)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-G4 (1 - 3)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-G4 (10 - 15)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-G4 (3 - 6)	3/4/03	Soil	Tier I	No						
C3C050292	RAA15-G4 (6 - 10)	3/4/03	Soil	Tier I	No						
C3C050292	RB-030403-1	3/4/03	Water	Tier I	No						
C3C060311	RAA15-DUP-23 (6 - 10)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-G6 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-G6 (1 - 3)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-G6 (3 - 6)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-G6 (6 - 10)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-H2 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-H3 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J2 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J2 (1 - 3)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J2 (10 - 15)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J2 (3 - 6)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J2 (6 - 10)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J3 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J4 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J4 (1 - 3)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J4 (10 - 15)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J4 (3 - 6)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-J4 (6 - 10)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-L2 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060311	RAA15-L3 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060312	RAA15-F7 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060312	RAA15-G6 (10 - 15)	3/5/03	Soil	Tier I	No						
C3C060312	RAA15-H4 (0 - 1)	3/5/03	Soil	Tier I	No						
C3C060312	RAA15-H5 (0 - 1)	3/5/03	Water	Tier I	No						
C3C060312	RB-030503-1	3/5/03	Water	Tier I	No						
C3C070140	RAA15-B6 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-C6 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-C6 (1 - 3)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-C6 (3 - 6)	3/6/03	Soil	Tier II	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3C070140	RAA15-C6 (6 - 10)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-D6 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-DUP-24 (3 - 6)	3/6/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	ND(0.040) J	RAA15-E6 (3 - 6)
						Aroclor-1260	Field Duplicate RPD (Soil)	52.6%	<50%	0.28 J	
						Total PCBs	Field Duplicate RPD (Soil)	108.2%	<50%	0.28 J	
C3C070140	RAA15-E6 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-E6 (1 - 3)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-E6 (10 - 15)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-E6 (3 - 6)	3/6/03	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	200.0%	<50%	0.46 J	
						Aroclor-1260	Field Duplicate RPD (Soil)	52.6%	<50%	0.48 J	
						Total PCBs	Field Duplicate RPD (Soil)	108.2%	<50%	0.94 J	
C3C070140	RAA15-E6 (6 - 10)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-F1 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-F3 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-F4 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-F5 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-F6 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-G1 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-G3 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-G5 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RAA15-G7 (0 - 1)	3/6/03	Soil	Tier II	No						
C3C070140	RB-030603-1	3/6/03	Water	Tier II	No						
C3C080110	RAA15-C4 (0 - 1)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-C4 (1 - 3)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-C4 (10 - 15)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-C4 (3 - 6)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-C4 (6 - 10)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-DUP-25 (3 - 6)	3/7/03	Soil	Tier I	No						RAA15-C4 (3 - 6)
C3C080110	RAA15-E4 (0 - 1)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-E4 (1 - 3)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-E4 (10 - 15)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-E4 (3 - 6)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-E4 (6 - 10)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-G2 (0 - 1)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-G2 (1 - 3)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-G2 (10 - 15)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-G2 (3 - 6)	3/7/03	Soil	Tier I	No						
C3C080110	RAA15-G2 (6 - 10)	3/7/03	Soil	Tier I	No						
C3C080110	RB-030703-1	3/7/03	Water	Tier I	No						
C3C110185	RAA15-D2 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D2 (1 - 3)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D2 (10 - 15)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D2 (3 - 6)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D2 (6 - 10)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D3 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D4 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-D5 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E1 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E1 (1 - 3)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E1 (10 - 15)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E1 (3 - 6)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E1 (6 - 10)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E2 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E2 (1 - 3)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E2 (10 - 15)	3/10/03	Soil	Tier I	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (cont'd)											
C3C110185	RAA15-E2 (3 - 6)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E2 (6 - 10)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-E5 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110185	RAA15-F2 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110188	RAA15-C5 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110188	RAA15-DUP-26 (6 - 10)	3/10/03	Soil	Tier I	No						RAA15-D2 (6 - 10)
C3C110188	RAA15-E3 (0 - 1)	3/10/03	Soil	Tier I	No						
C3C110188	RB-031003-1	3/10/03	Water	Tier I	No						
Metals											
C3B140193	RAA15-H11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(7.40) J	
						Tin	Method Blank	-	-	ND(8.10)	
C3B140193	RAA15-H13 (1 - 3)	2/12/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(6.90) J	
						Mercury	Method Blank	-	-	ND(0.0690)	
						Tin	Method Blank	-	-	ND(4.80)	
C3B140193	RAA15-L13 (3 - 5)	2/11/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(6.90) J	
C3B140193	RAA15-L16 (0 - 1)	2/12/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(7.60) J	
						Tin	Method Blank	-	-	ND(6.70)	
C3B140193	RAA15-M11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(7.60) J	
						Mercury	Method Blank	-	-	ND(0.0940)	
						Tin	Method Blank	-	-	ND(6.40)	
C3B140193	RAA15-P13 (1 - 3)	2/10/2003	Soil	Tier II	Yes	Antimony	MS %R	46.8%	75% to 125%	ND(7.30) J	
						Mercury	Method Blank	-	-	ND(0.110)	
						Tin	Method Blank	-	-	ND(6.90)	
C3B140298	RAA15-G11 (0 - 1)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(7.20)	
C3B140298	RAA15-G11 (1 - 3)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.90)	
C3B140298	RAA15-G11 (3 - 6)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.40)	
C3B140298	RAA15-G13 (0 - 1)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(8.00)	
C3B140298	RAA15-G15 (6 - 10)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(6.50)	
C3B140298	RAA15-H8 (0 - 1)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(6.40)	
C3B140298	RAA15-H8 (1 - 3)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.90)	
C3B140298	RAA15-H8 (10 - 15)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.50)	
C3B140298	RAA15-J6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(7.50)	
C3B140298	RAA15-J6 (10 - 15)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.60)	
C3B140298	RAA15-J7 (0 - 1)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.60)	
C3B140298	RAA15-L6 (0 - 1)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(8.00)	
C3B140298	RAA15-N6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.80)	
C3B140298	RAA15-N6 (3 - 6)	2/13/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.20)	
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier II	Yes	Antimony	MS %R	73.9%	75% to 125%	ND(19.6) J	RAA15-G20
						Beryllium	Method Blank	-	-	ND(1.00)	
						Tin	Method Blank	-	-	ND(14.4)	
C3B150110	RAA15-G20 (0 - 1)	2/14/2003	Soil	Tier II	Yes	Antimony	MS %R	73.9%	75% to 125%	ND(7.10) J	
						Beryllium	Method Blank	-	-	ND(0.880)	
						Tin	Method Blank	-	-	ND(11.3)	
C3B150110	RAA15-G20 (1 - 3)	2/14/2003	Soil	Tier II	Yes	Antimony	LCS %R	62.1%	80% to 120%	ND(7.10) J	
						Antimony	MS %R	73.9%	75% to 125%	ND(7.10) J	
						Beryllium	Method Blank	-	-	ND(0.500)	
						Tin	Method Blank	-	-	ND(5.80)	
C3B150110	RAA15-G20 (10 - 15)	2/14/2003	Soil	Tier II	Yes	Antimony	MS %R	73.9%	75% to 125%	ND(18.5) J	
						Beryllium	Method Blank	-	-	ND(0.980)	
						Tin	Method Blank	-	-	ND(12.4)	
C3B150110	RAA15-J18 (1 - 3)	2/14/2003	Soil	Tier II	Yes	Antimony	MS %R	73.9%	75% to 125%	ND(6.80) J	
						Beryllium	Method Blank	-	-	ND(0.400)	
						Tin	Method Blank	-	-	ND(5.20)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3B150110	RAA15-J18 (6 - 10)	2/14/2003	Soil	Tier II	Yes	Antimony	MS %R	73.9%	75% to 125%	ND(8.30) J	
						Beryllium	Method Blank	-	-	ND(0.280)	
						Tin	Method Blank	-	-	ND(7.30)	
C3B150110	RB-021403-1	2/14/2003	Water	Tier II	No						
C3B190150	RAA15-DUP-12 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(1.00)	RAA15-F19
C3B190150	RAA15-F19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(10.1) J	
C3B190150	RAA15-F22 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.70) J	
C3B190150	RAA15-F24 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.20) J	
C3B190150	RAA15-F24 (1 - 3)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(7.40) J	
C3B190150	RAA15-G17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.50) J	
						Beryllium	Method Blank	-	-	ND(0.690)	
C3B190150	RAA15-H15 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.20) J	
						Beryllium	Method Blank	-	-	ND(0.460)	
						Thallium	CRDL Standard %R	137.9%	80% to 120%	1.10 J	
C3B190150	RAA15-H18 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(7.20) J	
						Beryllium	Method Blank	-	-	ND(0.460)	
C3B190150	RAA15-J19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.20) J	
C3B190150	RAA15-L17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Antimony	MS %R	42.1%	75% to 125%	ND(8.20) J	
						Beryllium	Method Blank	-	-	ND(0.500)	
C3B190150	RB-021703-1	2/17/2003	Water	Tier II	No						
C3B200168	RAA15-E20 (3 - 6)	2/19/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(7.80)	
C3B200168	RAA15-E21 (0 - 1)	2/19/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(6.20)	
C3B200168	RAA15-G22 (6 - 10)	2/19/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(4.50)	
C3B210194	RAA15-E18 (0 - 1)	2/20/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.40)	
C3B210194	RAA15-E18 (1 - 3)	2/20/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.80)	
C3B210194	RAA15-E18 (3 - 6)	2/20/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.70)	
C3B210194	RAA15-J9 (1 - 3)	2/20/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.60)	
C3B210194	RAA15-J9 (3 - 5)	2/20/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.70)	
C3B220122	RAA15-A15 (3 - 6)	2/21/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(6.30)	
C3B220122	RAA15-C11 (1 - 3)	2/21/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(6.30)	
C3B220122	RAA15-E11 (0 - 1)	2/21/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	123.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(4.70)	
C3B250195	RAA15-A19 (0 - 1)	2/24/2003	Soil	Tier II	Yes	Chromium	MS %R	71.0%	75% to 125%	9.90 J	
						Copper	MS %R	61.7%	75% to 125%	33.3 J	
						Lead	MS %R	10.4%	75% to 125%	173 J	
						Nickel	MS %R	73.7%	75% to 125%	13.2 J	
						Thallium	CRDL Standard %R	133.0%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(4.70)	
						Vanadium	Serial Dilution	13.6%	<10%	13.8 J	
						Zinc	MS %R	25.3%	75% to 125%	132 J	
C3B250195	RAA15-A19 (1 - 3)	2/24/2003	Soil	Tier II	Yes	Chromium	MS %R	71.0%	75% to 125%	6.80 J	
						Copper	MS %R	61.7%	75% to 125%	32.5 J	
						Lead	MS %R	10.4%	75% to 125%	18.8 J	
						Nickel	MS %R	73.7%	75% to 125%	12.4 J	
						Thallium	CRDL Standard %R	133.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.90)	
						Vanadium	Serial Dilution	13.6%	<10%	9.60 J	
						Zinc	MS %R	25.3%	75% to 125%	43.0 J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3B250195	RAA15-A19 (10 - 15)	2/24/2003	Soil	Tier II	Yes	Chromium	MS %R	71.0%	75% to 125%	9.90 J	
						Copper	MS %R	61.7%	75% to 125%	17.2 J	
						Lead	MS %R	10.4%	75% to 125%	8.20 J	
						Nickel	MS %R	73.7%	75% to 125%	17.1 J	
						Thallium	CRDL Standard %R	133.0%	80% to 120%	0.920 J	
						Tin	Method Blank	-	-	ND(3.90)	
						Vanadium	Serial Dilution	13.6%	<10%	11.8 J	
						Zinc	MS %R	25.3%	75% to 125%	58.7 J	
C3B250195	RAA15-A19 (3 - 6)	2/24/2003	Soil	Tier II	Yes	Chromium	MS %R	71.0%	75% to 125%	12.1 J	
						Copper	MS %R	61.7%	75% to 125%	28.1 J	
						Lead	MS %R	10.4%	75% to 125%	22.3 J	
						Nickel	MS %R	73.7%	75% to 125%	11.0 J	
						Thallium	CRDL Standard %R	133.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.80)	
						Vanadium	Serial Dilution	13.6%	<10%	11.0 J	
						Zinc	MS %R	25.3%	75% to 125%	44.8 J	
C3B250195	RAA15-A9 (0 - 1)	2/24/2003	Soil	Tier II	Yes	Chromium	MS %R	71.0%	75% to 125%	4.40 J	
						Copper	MS %R	61.7%	75% to 125%	10.6 J	
						Lead	MS %R	10.4%	75% to 125%	12.1 J	
						Nickel	MS %R	73.7%	75% to 125%	8.30 J	
						Thallium	CRDL Standard %R	133.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(2.70)	
						Vanadium	Serial Dilution	13.6%	<10%	6.50 J	
						Zinc	MS %R	25.3%	75% to 125%	29.1 J	
C3B260211	RAA15-B11 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Barium	MS %R	153.4%	75% to 125%	27.2 J	
						Copper	MS %R	68.6%	75% to 125%	31.5 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	7.30 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	34.4 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	34.4 J	
						Tin	Method Blank	-	-	ND(4.50)	
C3B260211	RAA15-B15 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Barium	MS %R	153.4%	75% to 125%	17.5 J	
						Copper	MS %R	68.6%	75% to 125%	20.9 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	4.70 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	15.5 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	15.5 J	
						Tin	Method Blank	-	-	ND(4.20)	
C3B260211	RAA15-B18 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Barium	MS %R	153.4%	75% to 125%	38.1 J	
						Copper	MS %R	68.6%	75% to 125%	33.2 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	12.6 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	181 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	181 J	
						Tin	Method Blank	-	-	ND(7.00)	
C3B260211	RAA15-B7 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Barium	MS %R	153.4%	75% to 125%	15.3 J	
						Copper	MS %R	68.6%	75% to 125%	25.2 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	11.7 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	11.5 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	11.5 J	
						Tin	Method Blank	-	-	ND(3.40)	
C3B260211	RAA15-C17 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(0.520)	
						Barium	MS %R	153.4%	75% to 125%	47.6 J	
						Copper	MS %R	68.6%	75% to 125%	52.0 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	18.9 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	128 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	128 J	
						Tin	Method Blank	-	-	ND(8.20)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3B260211	RAA15-D13 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(0.830)	
						Barium	MS %R	153.4%	75% to 125%	34.2 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	9.90 J	
						Copper	MS %R	68.6%	75% to 125%	60.3 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	60.2 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	60.2 J	
						Tin	Method Blank	-	-	ND(7.80)	
C3B260211	RAA15-DUP-16 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Barium	MS %R	153.4%	75% to 125%	25.9 J	RAA15-B15
						Copper	MS %R	68.6%	75% to 125%	25.6 J	
						Chromium	Field Duplicate RPD (Soil)	50.8%	<50%	7.90 J	
						Lead	Laboratory Duplicate RPD (Soil)	73.6%	<50%	27.8 J	
						Lead	Field Duplicate RPD (Soil)	56.8%	<50%	27.8 J	
						Tin	Method Blank	-	-	ND(5.60)	
C3B260211	RB-022503-1	2/25/2003	Water	Tier II	No						
C3B270216	RAA15-C18 (1 - 3)	2/26/2003	Soil	Tier II	Yes	Antimony	MS %R	55.9%	75% to 125%	ND(7.10) J	
						Cadmium	Method Blank	-	-	ND(0.120)	
						Nickel	Serial Dilution	12.3%	<10%	16.8 J	
						Selenium	CRDL Standard %R	61.6%	80% to 120%	ND(0.590) J	
						Tin	Method Blank	-	-	ND(6.80)	
C3B270216	RAA15-C18 (3 - 6)	2/26/2003	Soil	Tier II	Yes	Antimony	MS %R	55.9%	75% to 125%	ND(8.00) J	
						Nickel	Serial Dilution	12.3%	<10%	16.7 J	
						Tin	Method Blank	-	-	ND(7.90)	
C3B270216	RAA15-C18 (6 - 10)	2/26/2003	Soil	Tier II	Yes	Antimony	MS %R	55.9%	75% to 125%	ND(8.20) J	
						Beryllium	Method Blank	-	-	ND(0.590)	
						Nickel	Serial Dilution	12.3%	<10%	12.9 J	
						Selenium	CRDL Standard %R	61.6%	80% to 120%	ND(0.690) J	
						Tin	Method Blank	-	-	ND(5.50)	
C3B270216	RAA15-C8 (6 - 10)	2/26/2003	Soil	Tier II	Yes	Antimony	MS %R	55.9%	75% to 125%	ND(6.40) J	
						Beryllium	Method Blank	-	-	ND(0.310)	
						Nickel	Serial Dilution	12.3%	<10%	8.50 J	
						Selenium	CRDL Standard %R	61.6%	80% to 120%	ND(0.530) J	
						Tin	Method Blank	-	-	ND(4.10)	
						Vanadium	Method Blank	-	-	ND(5.00)	
C3B270216	RAA15-E8 (1 - 3)	2/26/2003	Soil	Tier II	Yes	Antimony	MS %R	55.9%	75% to 125%	ND(6.50) J	
						Beryllium	Method Blank	-	-	ND(0.330)	
						Nickel	Serial Dilution	12.3%	<10%	12.2 J	
						Selenium	CRDL Standard %R	61.6%	80% to 120%	6.20 J	
						Tin	Method Blank	-	-	ND(10.6)	
C3C010139	RAA15-B22 (1 - 3)	2/28/2003	Soil	Tier II	Yes	Antimony	MS %R	76.8%	75% to 125%	ND(7.00) J	
						Thallium	CRDL Standard %R	126.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(11.7)	
						Zinc	MS %R	119.6%	75% to 125%	41.3 J	
C3C010139	RAA15-C19 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Antimony	MS %R	76.8%	75% to 125%	ND(8.60) J	
						Thallium	CRDL Standard %R	126.1%	80% to 120%	ND(1.40) J	
						Tin	Method Blank	-	-	ND(14.3)	
						Zinc	MS %R	119.6%	75% to 125%	111 J	
C3C010139	RAA15-D8 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Antimony	MS %R	76.8%	75% to 125%	ND(7.60) J	
						Cadmium	Method Blank	-	-	ND(0.630)	
						Selenium	Method Blank	-	-	ND(0.630)	
						Thallium	CRDL Standard %R	126.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(12.6)	
						Zinc	MS %R	119.6%	75% to 125%	78.5 J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3C010139	RAA15-E11 (3 - 6)	2/27/2003	Soil	Tier II	Yes	Antimony	MS %R	76.8%	75% to 125%	ND(6.50) J	
						Selenium	Method Blank	-	-	ND(0.540)	
						Thallium	CRDL Standard %R	126.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.8)	
						Zinc	MS %R	119.6%	75% to 125%	93.0 J	
C3C010139	RAA15-E7 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Antimony	MS %R	76.8%	75% to 125%	0.820 J	
						Cadmium	Method Blank	-	-	ND(0.650)	
						Selenium	Method Blank	-	-	ND(0.650)	
						Thallium	CRDL Standard %R	126.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(13.0)	
						Zinc	MS %R	119.6%	75% to 125%	148 J	
C3C040176	RAA15-A26 (0 - 1)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.70) J	
						Beryllium	Method Blank	-	-	ND(0.380)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	35.8 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.90)	
C3C040176	RAA15-A26 (3 - 6)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.60) J	
						Beryllium	Method Blank	-	-	ND(0.430)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	14.4 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.10)	
C3C040176	RAA15-B21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.70) J	
						Beryllium	Method Blank	-	-	ND(0.400)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	17.8 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.80)	
C3C040176	RAA15-B24 (0 - 1)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(8.20) J	
						Beryllium	Method Blank	-	-	ND(0.620)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	96.4 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.40) J	
						Tin	Method Blank	-	-	ND(7.60)	
C3C040176	RAA15-C23 (0 - 1)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.70) J	
						Beryllium	Method Blank	-	-	ND(0.410)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	8.20 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.70)	
C3C040176	RAA15-C24 (1 - 3)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.50) J	
						Beryllium	Method Blank	-	-	ND(0.380)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	14.1 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.00)	
C3C040176	RAA15-C24 (10 - 15)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(7.00) J	
						Beryllium	Method Blank	-	-	ND(0.460)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	18.3 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.90)	
C3C040176	RAA15-C24 (3 - 6)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(6.20) J	
						Beryllium	Method Blank	-	-	ND(0.300)	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(3.50)	
C3C040176	RAA15-DUP-21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	Antimony	MS %R	69.6%	75% to 125%	ND(8.00) J	RAA15-B24
						Beryllium	Method Blank	-	-	ND(0.650)	
						Lead	Laboratory Duplicate RPD (Soil)	102.4%	<50%	86.2 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(7.10)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3C040176	RB-030303-1	3/3/2003	Water	Tier II	No						
C3C050282	RAA15-C20 (6 - 10)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(10.0) J	
						Beryllium	Method Blank	-	-	ND(0.570)	
						Copper	Serial Dilution	26.9%	<10%	10.0 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.830) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(6.10)	
C3C050282	RAA15-D21 (0 - 1)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	0.770 J	
						Beryllium	Method Blank	-	-	ND(0.780)	
						Copper	Serial Dilution	26.9%	<10%	44.2 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.780) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	0.970 J	
						Tin	Method Blank	-	-	ND(10.3)	
C3C050282	RAA15-D25 (0 - 1)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	0.660 J	
						Beryllium	Method Blank	-	-	ND(0.410)	
						Copper	Serial Dilution	26.9%	<10%	31.1 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.600) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(5.60)	
C3C050282	RAA15-D27 (0 - 1)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.60) J	
						Beryllium	Method Blank	-	-	ND(0.420)	
						Copper	Serial Dilution	26.9%	<10%	28.1 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.550) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(0.960)	
						Tin	Method Blank	-	-	ND(4.50)	
C3C050282	RAA15-G4 (0 - 1)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.90) J	
						Beryllium	Method Blank	-	-	ND(0.330)	
						Copper	Serial Dilution	26.9%	<10%	28.1 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.580) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	1.80 J	
						Tin	Method Blank	-	-	ND(5.00)	
C3C050282	RAA15-G4 (1 - 3)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	0.550 J	
						Beryllium	Method Blank	-	-	ND(0.320)	
						Copper	Serial Dilution	26.9%	<10%	19.8 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.570) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(5.40)	
C3C050282	RAA15-G4 (3 - 6)	3/4/2003	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.50) J	
						Beryllium	Method Blank	-	-	ND(0.310)	
						Copper	Serial Dilution	26.9%	<10%	6.80 J	
						Selenium	CRDL Standard %R	137.4%	80% to 120%	ND(0.540) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.80)	
C3C060304	RAA15-DUP-23 (6 - 10)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(6.90) J	RAA15-J4
						Mercury	MS %R	127.9%	75% to 125%	0.0190 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.50)	
C3C060304	RAA15-F7 (6 - 10)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	0.660 J	
						Mercury	MS %R	127.9%	75% to 125%	0.0280 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	0.770 J	
						Tin	Method Blank	-	-	ND(7.20)	
C3C060304	RAA15-G6 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(8.10) J	
						Mercury	MS %R	127.9%	75% to 125%	0.200 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(6.30)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3C060304	RAA15-G6 (1 - 3)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(6.50) J	
						Mercury	MS %R	127.9%	75% to 125%	0.160 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.60)	
C3C060304	RAA15-G6 (10 - 15)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(8.00) J	
						Mercury	MS %R	127.9%	75% to 125%	ND(0.0440) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(4.30)	
C3C060304	RAA15-H2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	0.560 J	
						Mercury	MS %R	127.9%	75% to 125%	0.120 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(5.80)	
C3C060304	RAA15-J2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(7.30) J	
						Mercury	MS %R	127.9%	75% to 125%	0.0800 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(5.30)	
C3C060304	RAA15-J2 (1 - 3)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(6.50) J	
						Mercury	MS %R	127.9%	75% to 125%	0.0570 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.10)	
C3C060304	RAA15-J2 (10 - 15)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(7.70) J	
						Mercury	MS %R	127.9%	75% to 125%	0.0310 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(3.90)	
C3C060304	RAA15-J4 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(9.60) J	
						Mercury	MS %R	127.9%	75% to 125%	0.190 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	1.20 J	
						Tin	Method Blank	-	-	ND(6.90)	
C3C060304	RAA15-J4 (3 - 6)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(7.20) J	
						Mercury	MS %R	127.9%	75% to 125%	ND(0.0400) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.30)	
C3C060304	RAA15-J4 (6 - 10)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(7.00) J	
						Mercury	MS %R	127.9%	75% to 125%	ND(0.0390) J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.40)	
C3C060304	RAA15-L3 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Antimony	MS %R	74.4%	75% to 125%	ND(7.90) J	
						Mercury	MS %R	127.9%	75% to 125%	0.0330 J	
						Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(4.70)	
C3C060304	RB-030503-1	3/5/2003	Water	Tier II	No						
C3C070133	RAA15-C6 (0 - 1)	3/6/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(7.40)	
C3C070133	RAA15-C6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(9.20)	
C3C070133	RAA15-C6 (3 - 6)	3/6/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(13.0)	
C3C070133	RAA15-E6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(3.40)	
C3C070133	RAA15-E6 (6 - 10)	3/6/2003	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.80)	
C3C080119	RAA15-C4 (0 - 1)	3/7/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.550)	
						Copper	MS %R	149.7%	75% to 125%	37.1 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	64.9 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	15.0 J	
C3C080119	RAA15-C4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Copper	MS %R	149.7%	75% to 125%	53.6 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	28.6 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	17.3 J	
						Tin	Method Blank	-	-	ND(8.00)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3C080119	RAA15-DUP-25 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.0520)	RAA15-C4
						Copper	MS %R	149.7%	75% to 125%	35.5 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	75.0 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	12.4 J	
						Tin	Method Blank	-	-	ND(6.80)	
C3C080119	RAA15-E4 (1 - 3)	3/7/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.440)	
						Cadmium	Method Blank	-	-	ND(0.260)	
						Copper	MS %R	149.7%	75% to 125%	93.0 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	131 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	14.3 J	
						Tin	Method Blank	-	-	ND(8.40)	
C3C080119	RAA15-E4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.430)	
						Cadmium	Method Blank	-	75% to 125%	ND(0.160)	
						Copper	MS %R	149.7%	75% to 125%	70.3 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	86.8 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	12.1 J	
						Tin	Method Blank	-	-	ND(6.80)	
C3C080119	RAA15-G2 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.530)	
						Cadmium	Method Blank	-	-	ND(0.100)	
						Copper	MS %R	149.7%	75% to 125%	61.2 J	
						Lead	Field Duplicate RPD (Soil)	89.6%	<50%	94.2 J	
						Nickel	Laboratory Duplicate RPD (Soil)	55.5%	<35%	17.0 J	
						Tin	Method Blank	-		ND(8.80)	
C3C080119	RB-030703-1	3/7/2003	Water	Tier II	No						
C3C110191	RAA15-D3 (0 - 1)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	37.5 J	
						Copper	MS %R	655.9%	75% to 125%	42.5 J	
						Lead	MS %R	514.0%	75% to 125%	51.9 J	
						Mercury	MS %R	67.8%	75% to 125%	0.790 J	
						Tin	Method Blank	-	-	ND(5.10)	
						Tin	Laboratory Duplicate RPD (Soil)	52.7%	<35%	ND(5.10) J	
C3C110191	RAA15-E1 (0 - 1)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	21.4 J	
						Copper	MS %R	655.9%	75% to 125%	24.3 J	
						Lead	MS %R	514.0%	75% to 125%	29.6 J	
						Mercury	MS %R	67.8%	75% to 125%	0.430 J	
						Tin	Method Blank	-	-	ND(5.00)	
C3C110191	RAA15-E1 (3 - 6)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	38.0 J	
						Copper	MS %R	655.9%	75% to 125%	23.2 J	
						Lead	MS %R	514.0%	75% to 125%	9.60 J	
						Mercury	MS %R	67.8%	75% to 125%	0.920 J	
						Tin	Method Blank	-	-	ND(3.30)	
C3C110191	RAA15-E2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	102 J	
						Copper	MS %R	655.9%	75% to 125%	301 J	
						Lead	MS %R	514.0%	75% to 125%	367 J	
						Mercury	MS %R	67.8%	75% to 125%	1.80 J	
						Tin	Laboratory Duplicate RPD (Soil)	52.7%	<35%	34.5 J	
C3C110191	RAA15-E2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	Copper	Laboratory Duplicate RPD (Soil)	31.1%	<35%	8860 J	
						Lead	Laboratory Duplicate RPD (Soil)	21.4%	<35%	14000 J	
						Tin	Laboratory Duplicate RPD (Soil)	52.7%	<35%	3300 J	
C3C110191	RAA15-E2 (10 - 15)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	33.8 J	
						Copper	MS %R	655.9%	75% to 125%	16.5 J	
						Lead	MS %R	514.0%	75% to 125%	9.60 J	
						Mercury	MS %R	67.8%	75% to 125%	0.450 J	
						Tin	Method Blank	-	-	ND(3.90)	
C3C110191	RAA15-E2 (3 - 6)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	648 J	
						Tin	Laboratory Duplicate RPD (Soil)	52.7%	<35%	2750 J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont'd)											
C3C110191	RAA15-E5 (0 - 1)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	72.1 J	
						Copper	MS %R	655.9%	75% to 125%	41.8 J	
						Lead	MS %R	514.0%	75% to 125%	130 J	
						Mercury	MS %R	67.8%	75% to 125%	1.70 J	
						Tin	Method Blank	-	-	ND(5.20)	
C3C110191	RAA15-F2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	38.6 J	
						Copper	MS %R	655.9%	75% to 125%	61.8 J	
						Lead	MS %R	514.0%	75% to 125%	77.6 J	
						Mercury	MS %R	67.8%	75% to 125%	2.30 J	
						Tin	Laboratory Duplicate RPD (Soil)	52.7%	<35%	16.1 J	
C3C110191	RAA15-F2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	14.4 J	
						Copper	MS %R	655.9%	75% to 125%	9.90 J	
						Lead	MS %R	514.0%	75% to 125%	7.10 J	
						Mercury	MS %R	67.8%	75% to 125%	0.490 J	
						Tin	Method Blank	-	-	ND(6.20)	
C3C110191	RAA15-F2 (6 - 10)	3/10/2003	Soil	Tier II	Yes	Barium	MS %R	155.7%	75% to 125%	21.4 J	
						Copper	MS %R	655.9%	75% to 125%	26.1 J	
						Lead	MS %R	514.0%	75% to 125%	10.1 J	
						Mercury	MS %R	67.8%	75% to 125%	0.510 J	
						Tin	Method Blank	-	-	ND(3.00)	
VOCs											
C3B140193	RAA15-H11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.013) J	
						Acetone	CCAL %D	27.8%	<25%	ND(0.026) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.13) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.13) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.26) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.26) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.013) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.013) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0064) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0064) J	
C3B140193	RAA15-H13 (1 - 3)	2/12/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.011) J	
						Acetone	CCAL %D	27.8%	<25%	ND(0.022) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.11) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.22) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.22) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.011) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.011) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0055) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0055) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140193	RAA15-L13 (3 - 5)	2/11/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.010) J	
						Acetone	CCAL %D	27.8%	<25%	ND(0.020) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.20) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.010) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.010) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0050) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0050) J	
C3B140193	RAA15-L16 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.013) J	
						Acetone	CCAL %D	27.8%	<25%	0.0097 J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.13) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.13) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.26) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.26) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.013) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.013) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0064) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0064) J	
C3B140193	RAA15-M11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.012) J	
						Acetone	CCAL %D	27.8%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.12) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.12) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.24) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.24) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.012) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.012) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0059) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0059) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140193	RAA15-P13 (1 - 3)	2/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	27.5%	<25%	ND(0.011) J	
						Acetone	CCAL %D	27.8%	<25%	ND(0.021) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.11) J	
						Acetonitrile	CCAL RRF	0.019	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.031	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.21) J	
						Isobutanol	CCAL RRF	0.009	>0.05	ND(0.21) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.011) J	
						Propionitrile	CCAL RRF	0.032	>0.05	ND(0.011) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0053) J	
						Trichlorofluoromethane	CCAL %D	31.7%	<25%	ND(0.0053) J	
C3B140193	TRIP BLANK	2/12/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.0050) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL RRF	0.040	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
C3B140298	RAA15-G11 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0065) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0065) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.013) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.0076 J	
						Acetone	CCAL %D	47.9%	<25%	0.0076 J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.26) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.26) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0065) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140298	RAA15-G11 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0051) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0051) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.010) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.21) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0051) J	
C3B140298	RAA15-G11 (4 - 6)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0057) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0057) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.023) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.23) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0057) J	
C3B140298	RAA15-G13 (0 - 1)	2/13/2003	Soil	C3B140299	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0063) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0063) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.013) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.25) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0063) J	
C3B140298	RAA15-G15 (8 - 10)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0058) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0058) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.023) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.23) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0058) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140298	RAA15-H6 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.91) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.91) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0045) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0045) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0091) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.0091) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.018) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.091) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.091) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.18) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0045) J	
C3B140298	RAA15-H8 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0058) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0058) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.023) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.23) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0058) J	
C3B140298	RAA15-H8 (10 - 12)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.4) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.4) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0070) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0070) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.014) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.014) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.028) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.028) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.14) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.14) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.28) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.28) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0070) J	
C3B140298	RAA15-J6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0063) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0063) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.013) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.25) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0063) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140298	RAA15-J6 (12 - 15)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0055) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0055) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.022) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.022) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.22) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.22) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0055) J	
C3B140298	RAA15-J7 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	use reanalysis
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0056) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0056) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.022) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.022) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.22) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.22) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0056) J	
C3B140298	RAA15-L6 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0059) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0059) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.024) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.24) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.24) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0059) J	
C3B140298	RAA15-N6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0051) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0051) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.010) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.020) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.20) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0051) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B140298	RAA15-N6 (4 - 6)	2/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0053) J	
						2-Butanone	CCAL %D	39.4%	<25%	ND(0.0053) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	32.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	47.9%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	40.0%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.21) J	
						Trichlorofluoromethane	CCAL %D	27.8%	<25%	ND(0.0053) J	
C3B140298	TRIP BLANK	2/13/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0050) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.0050) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.040) J	
C3B150110	RAA15-DUP-10 (12 - 15)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(3.6) J	RAA15-G20
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(3.6) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	0.010 J	
						2-Butanone	CCAL %D	30.4%	<25%	0.010 J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.036) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.071) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.037 J	
						Acetone	CCAL %D	31.3%	<25%	0.037 J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.36) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.018) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.71) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.71) J	
C3B150110	RAA15-G20 (0 - 1)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.5) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.5) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0075) J	
						2-Butanone	CCAL %D	30.4%	<25%	ND(0.0075) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.015) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.030) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.030) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.030) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.15) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0075) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.30) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.30) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B150110	RAA15-G20 (1 - 3)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0061) J	
						2-Butanone	CCAL %D	30.4%	<25%	ND(0.0061) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.025) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0061) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.25) J	
C3B150110	RAA15-G20 (12 - 15)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	0.0094 J	
						2-Butanone	CCAL %D	30.4%	<25%	0.0094 J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.023) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.033 J	
						Acetone	CCAL %D	31.3%	<25%	0.033 J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.23) J	
C3B150110	RAA15-J18 (1 - 3)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0052) J	
						2-Butanone	CCAL %D	30.4%	<25%	ND(0.0052) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.021) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0052) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.21) J	
C3B150110	RAA15-J18 (8 - 10)	2/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0064) J	
						2-Butanone	CCAL %D	30.4%	<25%	ND(0.0064) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.025) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.0087 J	
						Acetone	CCAL %D	31.3%	<25%	0.0087 J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.13) J	
						Dichlorodifluoromethane	CCAL %D	36.0%	<25%	ND(0.0064) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.25) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B150110	RB-021403-1	2/14/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	
C3B150110	TRIP BLANK	2/14/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	
C3B190150	RAA15-DUP-12 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.9) J	RAA15-F19
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0093) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0093) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0093) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.019) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.019) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.037) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.037) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.037) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.19) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.19) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.19) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.37) J	
C3B190150	RAA15-F19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.7) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0085) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0085) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0085) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.017) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.017) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.034) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.034) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.034) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.17) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.17) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.17) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.34) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B190150	RAA15-F22 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.4) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0070) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0070) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0070) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.014) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.014) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.028) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.028) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.028) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.14) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.14) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.14) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.28) J	
C3B190150	RAA15-F24 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0064) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0064) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0064) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.013) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.026) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.026) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.026) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.13) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.13) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.26) J	
C3B190150	RAA15-F24 (1 - 3)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.98) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0049) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0098) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.0098) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.020) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.098) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.098) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.098) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.20) J	
C3B190150	RAA15-G17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0066) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0066) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0066) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.013) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.026) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.026) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.026) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.13) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.13) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.26) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B190150	RAA15-H15 (0 - 1)	2/17/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0052) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0052) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0052) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.021) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.10) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.21) J	
C3B190150	RAA15-H18 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.99) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0049) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0099) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.0099) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.020) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.099) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.099) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.099) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.20) J	
C3B190150	RAA15-J19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0060) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0060) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0060) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.012) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.024) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.024) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.12) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.24) J	
C3B190150	RAA15-L17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0054) J	
						2-Butanone	CCAL %D	38.4%	<25%	ND(0.0054) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0054) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.011) J	
						2-Hexanone	CCAL %D	30.0%	<25%	ND(0.022) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.022) J	
						Acetone	CCAL %D	31.3%	<25%	ND(0.022) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.11) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.11) J	
						Isobutanol	CCAL RRF	0.022	>0.05	ND(0.22) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B190150	RB-021703-1	2/17/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.2%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL RRF	0.040	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.005	>0.05	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	
C3B190150	TRIP BLANK	2/17/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.2%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL RRF	0.040	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.005	>0.05	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	
C3B190150	TRIP BLANK	2/17/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.2%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL RRF	0.040	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	27.2%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.005	>0.05	ND(0.040) J	
						Methacrylonitrile	CCAL %D	32.3%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	33.9%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B200168	RAA15-E20 (4 - 6)	2/19/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0062) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0062) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.12) J	
						Isobutanol	CCAL RRF	0.026	>0.05	ND(0.25) J	
C3B200168	RAA15-E21 (0 - 1)	2/19/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0061) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0061) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.12) J	
						Isobutanol	CCAL RRF	0.026	>0.05	ND(0.24) J	
C3B200168	RAA15-G22 (6 - 8)	2/19/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0059) J	
						2-Chloro-1,3-butadiene	CCAL %D	27.8%	<25%	ND(0.0059) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Acrylonitrile	CCAL %D	29.9%	<25%	ND(0.12) J	
						Isobutanol	CCAL RRF	0.026	>0.05	ND(0.24) J	
C3B200168	TRIP BLANK	2/19/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	35.3%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL RRF	0.040	>0.05	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Iodomethane	CCAL %D	72.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.005	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	26.0%	<25%	ND(0.0020) J	
						Vinyl Acetate	CCAL %D	28.2%	<25%	ND(0.0010) J	
C3B210194	RAA15-E18 (0 - 1)	2/20/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.013) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.13) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.013) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.013) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B210194	RAA15-E18 (1 - 3)	2/20/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.3) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.013) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.13) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.013) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.013) J	
						Toluene	Method Blank	-	-	ND(0.00081)	
C3B210194	RAA15-E18 (4 - 6)	2/20/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.012) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.12) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.012) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.012) J	
C3B210194	RAA15-J9 (1 - 3)	2/20/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.10) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.010) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.010) J	
C3B210194	RAA15-J9 (4 - 5)	2/20/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.93) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.93) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.0093) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.0093) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.093) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.093) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.093) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.0093) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.0093) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B210194	TRIP BLANK	2/20/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Butanone	CCAL %D	34.4%	<25%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetone	CCAL %D	36.7%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrylonitrile	CCAL %D	29.2%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	56.2%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.010	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	36.0%	<25%	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	46.2%	<25%	ND(0.0010) J	
						Vinyl Acetate	CCAL %D	32.2%	<25%	ND(0.0010) J	
C3B220122	RAA15-A15 (4 - 6)	2/21/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.99) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.99) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.0099) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.0099) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.099) J	
						Acetonitrile	CCAL RRF	0.018	>0.05	ND(0.099) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.099) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.099) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.20) J	
						Isobutanol	CCAL RRF	0.010	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.0099) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.0099) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0050) J	
C3B220122	RAA15-C11 (1 - 3)	2/21/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.90) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.90) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.0090) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.0090) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.090) J	
						Acetonitrile	CCAL RRF	0.018	>0.05	ND(0.090) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.090) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.090) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.18) J	
						Isobutanol	CCAL RRF	0.010	>0.05	ND(0.18) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.0090) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.0090) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0045) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B220122	RAA15-E11 (0 - 1)	2/21/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Chloroethylvinylether	ICAL %RSD	35.2%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	56.0%	<25%	ND(0.012) J	
						Acetonitrile	ICAL RRF	0.020	>0.05	ND(0.12) J	
						Acetonitrile	CCAL RRF	0.018	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.040	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	32.5%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.24) J	
						Isobutanol	CCAL RRF	0.010	>0.05	ND(0.24) J	
						Propionitrile	ICAL RRF	0.035	>0.05	ND(0.012) J	
						Propionitrile	CCAL RRF	0.033	>0.05	ND(0.012) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0060) J	
C3B220122	TRIP BLANK	2/21/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Butanone	CCAL %D	34.4%	<25%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetone	CCAL %D	36.7%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrylonitrile	CCAL %D	29.2%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloromethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	34.8%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	56.2%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	36.0%	<25%	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	46.2%	<25%	ND(0.0010) J	
C3B250195	RAA15-A19 (0 - 1)	2/24/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.4) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.4) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0068) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0068) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.014) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.027) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.027) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.027) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.14) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.14) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.27) J	
C3B250195	RAA15-A19 (1 - 3)	2/24/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.92) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.92) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0046) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0046) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0092) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.018) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.018) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.092) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.092) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B250195	RAA15-A19 (10 - 12)	2/24/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0061) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0061) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.024) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.024) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.24) J	
C3B250195	RAA15-A19 (4 - 6)	2/24/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0060) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0060) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.024) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.024) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.24) J	
C3B250195	RAA15-A9 (0 - 1)	2/24/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0052) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0052) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.021) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
C3B250195	TRIP BLANK	2/24/2003	Water	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,2,3-Trichloropropane	CCAL %D	30.2%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	31.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	26.5%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	28.3%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	38.0%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	30.6%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	30.1%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	71.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B260211	RAA15-B11 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.86) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.86) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0043) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0043) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0086) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.017) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.017) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.017) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.086) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.17) J	
C3B260211	RAA15-B15 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.98) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.98) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0098) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.020) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.098) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
C3B260211	RAA15-B18 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0059) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0059) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.024) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.024) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.24) J	
C3B260211	RAA15-B7 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.96) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.96) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0048) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0048) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0096) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.019) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.019) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.096) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
C3B260211	RAA15-C17 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0051) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0051) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.020) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B260211	RAA15-D13 (0 - 1)	2/25/2003		Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0065) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0065) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.026) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.026) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.026) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.26) J	
C3B260211	RAA15-DUP-16 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	RAA15-B15
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.020) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
C3B260211	RB-022503-1	2/25/2003	Water	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,2,3-Trichloropropane	CCAL %D	30.2%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	31.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	26.5%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	28.3%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	38.0%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	30.6%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	30.1%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	71.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
C3B260211	TRIP BLANK	2/25/2003	Water	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,2,3-Trichloropropane	CCAL %D	30.2%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	31.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	26.5%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	28.3%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	38.0%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	30.6%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	30.1%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	71.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B270216	RAA15-C18 (1 - 3)	2/26/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.97) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.97) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0097) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.019) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.019) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.097) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.097) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
C3B270216	RAA15-C18 (4 - 6)	2/26/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0063) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0063) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.025) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
C3B270216	RAA15-C18 (8 - 10)	2/26/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0063) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0063) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.025) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.13) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
C3B270216	RAA15-C8 (6 - 8)	2/26/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0053) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0053) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.021) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
C3B270216	RAA15-E8 (1 - 3)	2/26/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.88) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.88) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0044) J	
						2-Butanone	CCAL %D	48.0%	<25%	ND(0.0044) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0088) J	
						2-Hexanone	CCAL %D	37.9%	<25%	ND(0.018) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	52.1%	<25%	ND(0.018) J	
						Acetonitrile	CCAL RRF	0.047	>0.05	ND(0.088) J	
						Acrolein	CCAL %D	30.0%	<25%	ND(0.088) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3B270216	TRIP BLANK	2/26/2003	Water	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,2,3-Trichloropropane	CCAL %D	30.2%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	31.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL %D	26.5%	<25%	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	28.3%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	38.0%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	30.6%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	30.1%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	71.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
C3C010139	RAA15-B22 (1 - 3)	2/28/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0055) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.022) J	
						Acetonitrile	CCAL RRF	0.048	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.026	>0.05	ND(0.11) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.011) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.22) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.22) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0055) J	
C3C010139	RAA15-C19 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(2.7) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(2.7) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.013) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.027) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.027) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.053) J	
						Acetonitrile	CCAL RRF	0.048	>0.05	ND(0.27) J	
						Acrolein	CCAL RRF	0.026	>0.05	ND(0.27) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.027) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.53) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.53) J	
						Toluene	Method Blank	-	-	ND(0.013)	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.013) J	
C3C010139	RAA15-D8 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0059) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetonitrile	CCAL RRF	0.048	>0.05	ND(0.12) J	
						Acrolein	CCAL RRF	0.026	>0.05	ND(0.12) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.012) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.23) J	
						Toluene	Method Blank	-	-	ND(0.0059)	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0059) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C010139	RAA15-E11 (4 - 6)	2/27/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0054) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetonitrile	CCAL RRF	0.048	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.026	>0.05	ND(0.11) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.011) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.21) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0054) J	
C3C010139	RAA15-E7 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0062) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acetonitrile	CCAL RRF	0.048	>0.05	ND(0.12) J	
						Acrolein	CCAL RRF	0.026	>0.05	ND(0.12) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.012) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
						Isobutanol	CCAL RRF	0.025	>0.05	ND(0.25) J	
						Toluene	Method Blank	-	-	ND(0.0062)	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0062) J	
C3C010139	TRIP BLANK	2/28/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.083 J	
						Acetonitrile	CCAL RRF	0.025	>0.05	0.083 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	58.7%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Iodomethane	CCAL %D	50.3%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.006	>0.05	ND(0.040) J	
						Propionitrile	CCAL RRF	0.045	>0.05	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.3%	<25%	ND(0.0010) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C010139	TRIP BLANK	2/27/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.020) J	
						Acetonitrile	CCAL RRF	0.025	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	58.7%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Iodomethane	CCAL %D	50.3%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL RRF	0.006	>0.05	ND(0.040) J	
						Propionitrile	CCAL RRF	0.045	>0.05	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.3%	<25%	ND(0.0010) J	
C3C040176	RAA15-A26 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0052) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.010) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.021) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.021) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.10) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0052) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.010) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.21) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0052) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0052) J	
C3C040176	RAA15-A26 (4 - 6)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.93) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(0.93) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	0.0030 J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.0093) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.019) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.019) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.093) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.093) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.093) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0046) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0093) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.0093) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.19) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0046) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0046) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C040176	RAA15-B21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0051) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.010) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.020) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.020) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.10) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0051) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.010) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.20) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0051) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0051) J	
C3C040176	RAA15-B24 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.7) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.7) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0086) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.017) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.034) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.034) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.17) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.17) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.17) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0086) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.017) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.017) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.34) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0086) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0086) J	
C3C040176	RAA15-C23 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0062) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.012) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.025) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.025) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.12) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0062) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.012) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.012) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.25) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0062) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0062) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C040176	RAA15-C24 (1 - 3)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.3) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0064) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.013) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.026) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.026) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.13) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.13) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0064) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.013) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.013) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.26) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0064) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0064) J	
C3C040176	RAA15-C24 (10 - 12)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.91) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(0.91) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	0.0023 J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.0091) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.018) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.018) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.091) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.091) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.091) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0045) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0091) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.0091) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.18) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0045) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0045) J	
C3C040176	RAA15-C24 (4 - 6)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0057) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.011) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.023) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.023) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.11) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0057) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.011) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.011) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.23) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0057) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0057) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C040176	RAA15-DUP-21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.6) J	RAA15-B24
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.6) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0081) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.016) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.033) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.033) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.16) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.16) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.16) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0081) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.016) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.016) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.33) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0081) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0081) J	
C3C040176	RB-030303-1	3/3/2003	Water	Tier II	Yes	1,4-Dioxane	CCAL %D	0.003	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0020) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.0037 J	
						Acetone	CCAL %D	45.4%	<25%	0.0037 J	
						Acetonitrile	CCAL %D	0.020	>0.05	0.080 J	
						Acrolein	CCAL %D	57.5%	<25%	ND(0.020) J	
						Isobutanol	CCAL %D	0.010	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	0.034	>0.05	ND(0.0020) J	
C3C040176	TRIP BLANK	3/3/2003	Water	Tier II	Yes	1,4-Dioxane	CCAL %D	0.003	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0020) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.0044 J	
						Acetone	CCAL %D	45.4%	<25%	0.0044 J	
						Acetonitrile	CCAL %D	0.020	>0.05	0.082 J	
						Acrolein	CCAL %D	57.5%	<25%	ND(0.020) J	
						Isobutanol	CCAL %D	0.010	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	0.034	>0.05	ND(0.0020) J	
C3C050282	RAA15-C20 (8 - 10)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.6) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.6) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0078) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.016) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.031) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.031) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.16) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.16) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.16) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0078) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.016) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.016) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.31) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0078) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0078) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C050282	RAA15-D21 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.6) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.6) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0080) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.016) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.032) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.032) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.16) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.16) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.16) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0080) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.016) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.016) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.32) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0080) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0080) J	
C3C050282	RAA15-D25 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.7) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.7) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0086) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.017) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.034) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.034) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.17) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.17) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.17) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0086) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.017) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.017) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.34) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0086) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0086) J	
C3C050282	RAA15-D27 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.97) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(0.97) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0049) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.0097) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.019) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.019) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.097) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.097) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.097) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0049) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0097) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.0097) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.19) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0049) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0049) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C050282	RAA15-G4 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.87) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(0.87) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0043) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.0087) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.017) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.017) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.087) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.087) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.087) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0043) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0087) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.0087) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.17) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0043) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0043) J	
C3C050282	RAA15-G4 (1 - 3)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0051) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.010) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.020) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.020) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.10) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0051) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.010) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.20) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0051) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0051) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C050282	RAA15-G4 (4 - 6)	3/4/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL %D	50.0%	<25%	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0051) J	
						2-Chloroethylvinylether	CCAL %D	50.8%	<25%	ND(0.010) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.020) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.020) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	48.0%	<25%	ND(0.10) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0051) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.010) J	
						Chloroethane	CCAL %D	31.7%	<25%	ND(0.010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.20) J	
						Trichlorofluoromethane	ICAL %RSD	47.5%	<30%	ND(0.0051) J	
						Trichlorofluoromethane	CCAL %D	34.9%	<25%	ND(0.0051) J	
C3C050282	TRIP BLANK	3/4/2003	Water	Tier II	Yes	1,4-Dioxane	CCAL %D	0.003	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0020) J	
						Acetone	ICAL %RSD	50.5%	<30%	0.0043 J	
						Acetone	CCAL %D	45.4%	<25%	0.0043 J	
						Acetonitrile	CCAL %D	0.020	>0.05	0.077 J	
						Acrolein	CCAL %D	57.5%	<25%	ND(0.020) J	
						Isobutanol	CCAL %D	0.010	>0.05	ND(0.040) J	
						Propionitrile	CCAL %D	0.034	>0.05	ND(0.0020) J	
C3C060304	RAA15-DUP-23 (6 - 8)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.99) J	RAA15-J4
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.99) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0050) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0099) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.099) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.099) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0050) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.20) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
C3C060304	RAA15-F7 (6 - 8)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.9) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.9) J	
						2-Butanone	CCAL %D	32.0%	<25%	0.014 J	
						2-Butanone	ICAL %RSD	32.8%	<30%	0.014 J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0093) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.019) J	
						Acetone	CCAL %D	35.8%	<25%	0.033 J	
						Acetone	ICAL %RSD	50.5%	<30%	0.033 J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.19) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.19) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0093) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.37) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.37) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C060304	RAA15-G6 (0 - 1)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(2.3) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(2.3) J	
						2-Butanone	CCAL %D	32.0%	<25%	0.0046 J	
						2-Butanone	ICAL %RSD	32.8%	<30%	0.0046 J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.012) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.023) J	
						Acetone	CCAL %D	35.8%	<25%	0.035 J	
						Acetone	ICAL %RSD	50.5%	<30%	0.035 J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.23) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.23) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.012) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.46) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.46) J	
C3C060304	RAA15-G6 (1 - 3)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.99) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.99) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0049) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0099) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.099) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.099) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0049) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.20) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
C3C060304	RAA15-G6 (12 - 14)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0062) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0062) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0062) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.025) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.025) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.12) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0062) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.25) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.25) J	
C3C060304	RAA15-H2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.97) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.97) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0049) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0097) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.019) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.097) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.097) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0049) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.19) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C060304	RAA15-J2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0053) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0053) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0053) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.021) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.11) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0053) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.21) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
C3C060304	RAA15-J2 (1 - 3)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0056) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0056) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0056) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.023) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.11) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0056) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.23) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
C3C060304	RAA15-J2 (10 - 12)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.3) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.3) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0065) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0065) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0065) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.013) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.026) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.026) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.13) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.13) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0065) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.26) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.26) J	
C3C060304	RAA15-J4 (0 - 1)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.5) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.5) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0074) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0074) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0074) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.015) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.030) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.030) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.15) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.15) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0074) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.30) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.30) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C060304	RAA15-J4 (4 - 6)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0057) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0057) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0057) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.023) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.11) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0057) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.23) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
C3C060304	RAA15-J4 (6 - 8)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.95) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.95) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0048) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0048) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0048) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0095) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.019) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.095) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.095) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0048) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.19) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
C3C060304	RAA15-L3 (0 - 1)	3/5/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.4) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.4) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0070) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0070) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0070) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.014) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.028) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.028) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.14) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.14) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0070) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.28) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.28) J	
C3C060304	RB-030503-1	3/5/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0050) J	
						Acetone	CCAL %D	35.8%	<25%	0.0042 J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.082 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	26.0%	<25%	ND(0.020) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	29.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C060304	TRIP BLANK	3/5/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0050) J	
						Acetone	CCAL %D	35.8%	<25%	0.0035 J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.069 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	26.0%	<25%	ND(0.020) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	29.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
C3C070133	RAA15-C6 (0 - 1)	3/6/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.5) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(1.5) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.015) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.031) J	
						Acrolein	CCAL %D	56.5%	<25%	ND(0.15) J	
						Dichlorodifluoromethane	CCAL %D	26.5%	<25%	ND(0.0076) J	
						Isobutanol	CCAL RRF	0.008	>0.05	ND(0.31) J	
C3C070133	RAA15-C6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(1.2) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acrolein	CCAL %D	56.5%	<25%	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	26.5%	<25%	ND(0.0059) J	
						Isobutanol	CCAL RRF	0.008	>0.05	ND(0.23) J	
C3C070133	RAA15-C6 (4 - 6)	3/6/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(1.1) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acrolein	CCAL %D	56.5%	<25%	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	26.5%	<25%	ND(0.0053) J	
						Isobutanol	CCAL RRF	0.008	>0.05	ND(0.21) J	
C3C070133	RAA15-E6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(1.1) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acrolein	CCAL %D	56.5%	<25%	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	26.5%	<25%	ND(0.0057) J	
						Isobutanol	CCAL RRF	0.008	>0.05	ND(0.23) J	
C3C070133	RAA15-E6 (6 - 8)	3/6/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.002	>0.05	ND(1.2) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acrolein	CCAL %D	56.5%	<25%	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	26.5%	<25%	ND(0.0058) J	
						Isobutanol	CCAL RRF	0.008	>0.05	ND(0.23) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C070133	TRIP BLANK	3/6/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0050) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.030 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrolein	CCAL %D	26.0%	<25%	ND(0.020) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	29.5%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
C3C080119	RAA15-C4 (0 - 1)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.0) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0050) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.020) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.10) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0050) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.20) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
C3C080119	RAA15-C4 (4 - 6)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0058) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0058) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0058) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.023) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.12) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.12) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.23) J	
C3C080119	RAA15-DUP-25 (4 - 6)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	RAA15-C4
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0057) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0057) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0057) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.023) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.11) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.11) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.23) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C080119	RAA15-E4 (1 - 3)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.89) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.89) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0044) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0044) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0044) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0089) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.018) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.089) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.089) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0044) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.18) J	
C3C080119	RAA15-E4 (4 - 6)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.91) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.91) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0046) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0046) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0046) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0091) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.018) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.091) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.091) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0046) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.18) J	
C3C080119	RAA15-G2 (4 - 6)	3/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.96) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.96) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0048) J	
						2-Butanone	CCAL %D	32.0%	<25%	ND(0.0048) J	
						2-Chloro-1,3-butadiene	CCAL %D	28.1%	<25%	ND(0.0048) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0096) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	35.8%	<25%	ND(0.019) J	
						Acrolein	CCAL RRF	0.037	>0.05	ND(0.096) J	
						Acrylonitrile	CCAL %D	36.5%	<25%	ND(0.096) J	
						Ethyl Methacrylate	CCAL %D	28.9%	<25%	ND(0.0048) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
						Isobutanol	CCAL RRF	0.030	>0.05	ND(0.19) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C080119	RB-030703-1	3/7/2003	Water	Tier II	Yes	1,1,1-Trichloroethane	CCAL %D	28.8%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.0080 J	
						Acetonitrile	CCAL %D	41.2%	<25%	0.0080 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrylonitrile	CCAL %D	46.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	49.4%	<25%	ND(0.0010) J	
						Carbon Tetrachloride	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	77.6%	<25%	ND(0.0010) J	
						Chloromethane	CCAL %D	39.3%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	26.8%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	62.1%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	31.0%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	32.0%	<25%	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	72.4%	<25%	ND(0.0010) J	
						Trichlorofluoromethane	CCAL %D	86.9%	<25%	ND(0.0010) J	
						Vinyl Acetate	CCAL %D	43.5%	<25%	ND(0.0010) J	
C3C080119	TRIP BLANK	3/7/2003	Water	Tier II	Yes	1,1,1-Trichloroethane	CCAL %D	28.8%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	0.014 J	
						Acetonitrile	CCAL %D	41.2%	<25%	0.014 J	
						Acrolein	ICAL RRF	0.046	>0.05	ND(0.020) J	
						Acrylonitrile	CCAL %D	46.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	49.4%	<25%	ND(0.0010) J	
						Carbon Tetrachloride	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloroethane	CCAL %D	77.6%	<25%	ND(0.0010) J	
						Chloromethane	CCAL %D	39.3%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	26.8%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	62.1%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.040) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	31.0%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	32.0%	<25%	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	72.4%	<25%	ND(0.0010) J	
						Trichlorofluoromethane	CCAL %D	86.9%	<25%	ND(0.0010) J	
						Vinyl Acetate	CCAL %D	43.5%	<25%	ND(0.0010) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C110191	RAA15-D3 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.92) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0046) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0046) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0092) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.0092) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.018) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0046) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.018) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.018) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0046) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.18) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0046) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0046) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0046) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0046) J	
C3C110191	RAA15-E1 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.94) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0047) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0047) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0094) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.0094) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.019) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0047) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.019) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0047) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0047) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0047) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0047) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0047) J	
C3C110191	RAA15-E1 (4 - 6)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.98) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0049) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0049) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0098) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.0098) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.020) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0049) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.020) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.020) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0049) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.20) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0049) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0049) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0049) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0049) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C110191	RAA15-E2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0058) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0058) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.012) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.023) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0058) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.023) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.023) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.23) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0058) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0058) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0058) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0058) J	
C3C110191	RAA15-E2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.9) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0094) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0094) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.019) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.019) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.038) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0094) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.038) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.038) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0094) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.38) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0094) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0094) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0094) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0094) J	
C3C110191	RAA15-E2 (10 - 12)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.1) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0054) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0054) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.011) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.022) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0054) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.022) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.022) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0054) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.22) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0054) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0054) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0054) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C110191	RAA15-E2 (3 - 4)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.2) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0060) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0060) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.012) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.024) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0060) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.024) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.024) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0060) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.24) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0060) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0060) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0060) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0060) J	
C3C110191	RAA15-E5 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.0) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0052) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0052) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.021) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0052) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.021) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.021) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0052) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.21) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0052) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0052) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0052) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0052) J	
C3C110191	RAA15-F2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(1.8) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0088) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0088) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.018) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.018) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.035) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0088) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.035) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.035) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0088) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.35) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0088) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0088) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0088) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0088) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (cont'd)											
C3C110191	RAA15-F2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.93) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0047) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0047) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0093) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.0093) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.019) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0047) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.019) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0047) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0047) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0047) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0047) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0047) J	
C3C110191	RAA15-F2 (8 - 10)	3/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.94) J	
						2-Butanone	ICAL %RSD	32.8%	<30%	ND(0.0047) J	
						2-Butanone	CCAL %D	35.7%	<25%	ND(0.0047) J	
						2-Chloroethylvinylether	ICAL %RSD	31.3%	<30%	ND(0.0094) J	
						2-Chloroethylvinylether	CCAL %D	26.2%	<25%	ND(0.0094) J	
						2-Hexanone	CCAL %D	25.7%	<25%	ND(0.019) J	
						3-Chloropropene	CCAL %D	31.7%	<25%	ND(0.0047) J	
						Acetone	ICAL %RSD	50.5%	<30%	ND(0.019) J	
						Acetone	CCAL %D	39.4%	<25%	ND(0.019) J	
						Ethyl Methacrylate	CCAL %D	41.2%	<25%	ND(0.0047) J	
						Isobutanol	ICAL RRF	0.028	>0.05	ND(0.19) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0047) J	
						Methyl Methacrylate	CCAL %D	40.0%	<25%	ND(0.0047) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.2%	<25%	ND(0.0047) J	
						Vinyl Acetate	CCAL %D	34.8%	<25%	ND(0.0047) J	
C3C110191	TRIP BLANK	3/10/2003	Water	Tier II	Yes	1,1,1-Trichloroethane	CCAL %D	28.8%	<25%	ND(0.0010) J	
						2-Butanone	ICAL %RSD	32.9%	<30%	ND(0.0050) J	
						2-Hexanone	ICAL %RSD	32.6%	<30%	ND(0.0050) J	
						4-Methyl-2-pentanone	ICAL %RSD	31.7%	<30%	ND(0.0050) J	
						Acetonitrile	CCAL %D	41.2%	<25%	ND(0.020) J	
						Acrolein	CCAL %D	0.038	<25%	ND(0.020) J	
						Acrylonitrile	CCAL %D	46.5%	<25%	ND(0.020) J	
						Bromomethane	ICAL %RSD	34.5%	<30%	ND(0.0010) J	
						Bromomethane	CCAL %D	49.4%	<25%	ND(0.0010) J	
						Carbon Tetrachloride	CCAL %D	28.9%	<25%	ND(0.0010) J	
						Chloroethane	ICAL %RSD	32.8%	<30%	ND(0.0010) J	
						Chloromethane	CCAL %D	77.6%	<25%	ND(0.0010) J	
						Dichlorodifluoromethane	CCAL %D	26.8%	<25%	ND(0.0010) J	
						Iodomethane	CCAL %D	62.1%	<25%	ND(0.0010) J	
						Isobutanol	CCAL %D	44.4%	<25%	ND(0.040) J	
						Methacrylonitrile	CCAL %D	34.5%	<25%	ND(0.0010) J	
						Methyl Methacrylate	CCAL %D	31.0%	<25%	ND(0.0010) J	
						Propionitrile	CCAL %D	32.0%	<25%	ND(0.0020) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	72.4%	<25%	ND(0.0010) J	
						Trichlorofluoromethane	CCAL %D	86.9%	<25%	ND(0.0010) J	
						Vinyl Acetate	CCAL %D	43.5%	<25%	ND(0.0010) J	
SVOCs											
C3B140193	RAA15-H11 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-H13 (1 - 3)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-L13 (3 - 5)	2/11/2003	Soil	Tier II	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B140193	RAA15-L16 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-M11 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-P13 (1 - 3)	2/10/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (3 - 6)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G13 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G15 (6 - 10)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (10 - 15)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J6 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J6 (10 - 15)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J7 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-L6 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-N6 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-N6 (3 - 6)	2/13/2003	Soil	Tier II	No						
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	RAA15-G20
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	2-Acetylaminofluorene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						2-Picoline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(43) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(86) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Acenaphthene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Acenaphthylene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Acetophenone	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Aniline	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Anthracene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Aramite	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Benzidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(43) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Chrysene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Diallate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Diphenylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Fluoranthene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Fluorene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	Hexachlorophene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(87) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(43) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Isodrin	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Isophorone	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Isosafrole	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Methapyrilene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Naphthalene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier I	Yes	N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						o-Toluidine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
						Phenacetin	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Phenanthrene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Pronamide	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Pyrene	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(4.3) J	
						Pyridine	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Safrole	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(8.6) J	
						Thionazin	Surrogate Recovery Base-neutral	33.0%, 33.0%, 24.0%	43.0% to 110.0%, 42.0% to 110.0%, 37.0% to 137.0%	ND(21) J	
C3B150110	RAA15-G20 (0 - 1)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-G20 (1 - 3)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-G20 (10 - 15)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-J18 (1 - 3)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-J18 (6 - 10)	2/14/2003	Soil	Tier II	No						
C3B150110	RB-021403-1	2/14/2003	Water	Tier II	No						
C3B190150	RAA15-DUP-12 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(23) J	RAA15-F19
C3B190150	RAA15-F19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(11) J	
C3B190150	RAA15-F22 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.7) J	
C3B190150	RAA15-F24 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.1) J	
C3B190150	RAA15-F24 (1 - 3)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(8.3) J	
C3B190150	RAA15-G17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.4) J	
C3B190150	RAA15-H15 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.2) J	
C3B190150	RAA15-H18 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(16) J	
SVOCs (cont'd)											

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
C3B190150	RAA15-J19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.2) J	
C3B190150	RAA15-L17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(8.2) J	
C3B190150	RB-021703-1	2/17/2003	Water	Tier II	Yes	2-Naphthylamine	CCAL %D	54.3%	<25%	ND(0.0095) J	
						4-Nitroquinoline-1-oxide	CCAL %D	29.3%	<25%	ND(0.095) J	
						4-Phenylenediamine	CCAL %D	51.8%	<25%	ND(0.19) J	
C3B200168	RAA15-E20 (3 - 6)	2/19/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(9.0) J	
C3B200168	RAA15-E21 (0 - 1)	2/19/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(8.5) J	
C3B200168	RAA15-G22 (6 - 10)	2/19/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(7.9) J	
C3B210194	RAA15-E18 (0 - 1)	2/20/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(7.6) J	
C3B210194	RAA15-E18 (1 - 3)	2/20/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(7.6) J	
C3B210194	RAA15-E18 (3 - 6)	2/20/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(8.2) J	
C3B210194	RAA15-J9 (1 - 3)	2/20/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(7.4) J	
C3B210194	RAA15-J9 (3 - 5)	2/20/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(7.9) J	
C3B220122	RAA15-A15 (3 - 6)	2/21/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(30) J	
C3B220122	RAA15-C11 (1 - 3)	2/21/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(160) J	
C3B220122	RAA15-E11 (0 - 1)	2/21/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	27.2%	<25%	ND(40) J	
C3B250195	RAA15-A19 (0 - 1)	2/24/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(77) J	
C3B250195	RAA15-A19 (1 - 3)	2/24/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(360) J	
C3B250195	RAA15-A19 (10 - 15)	2/24/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(300) J	
C3B250195	RAA15-A19 (3 - 6)	2/24/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(8.6) J	
C3B250195	RAA15-A9 (0 - 1)	2/24/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(7.5) J	
C3B260211	RAA15-B11 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(29) J	
C3B260211	RAA15-B15 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(58) J	
C3B260211	RAA15-B18 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(34) J	
C3B260211	RAA15-B7 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(14) J	
C3B260211	RAA15-C17 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(33) J	
C3B260211	RAA15-D13 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(16) J	
C3B260211	RAA15-DUP-16 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(59) J	RAA15-B15
C3B260211	RB-022503-1	2/25/2003	Water	Tier II	No						
C3B270216	RAA15-C18 (1 - 3)	2/26/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(7.9) J	
C3B270216	RAA15-C18 (3 - 6)	2/26/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(8.9) J	
C3B270216	RAA15-C18 (6 - 10)	2/26/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(9.2) J	
C3B270216	RAA15-C8 (6 - 10)	2/26/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(7.2) J	
C3B270216	RAA15-E8 (1 - 3)	2/26/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	38.0%	<25%	ND(360) J	
C3C010139	RAA15-B22 (1 - 3)	2/28/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.9) J	
C3C010139	RAA15-C19 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(9.6) J	
C3C010139	RAA15-D8 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(34) J	
C3C010139	RAA15-E11 (3 - 6)	2/27/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(29) J	
C3C010139	RAA15-E7 (0 - 1)	2/27/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(87) J	
C3C040176	RAA15-A26 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-A26 (3 - 6)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-B21 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-B24 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C23 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (1 - 3)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (10 - 15)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (3 - 6)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-DUP-21 (0 - 1)	3/3/2003	Soil	Tier II	No						RAA15-B24
C3C040176	RB-030303-1	3/3/2003	Water	Tier II	No						
C3C050282	RAA15-C20 (6 - 10)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D21 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D25 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D27 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-G4 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-G4 (1 - 3)	3/4/2003	Soil	Tier II	No						

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (cont'd)											
C3C050282	RAA15-G4 (3 - 6)	3/4/2003	Soil	Tier II	No						
C3C060304	RAA15-DUP-23 (6 - 10)	3/5/2003	Soil	Tier II	No						RAA15-J4
C3C060304	RAA15-F7 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (1 - 3)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (10 - 15)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-H2 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J2 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J2 (1 - 3)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J2 (10 - 15)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (3 - 6)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-L3 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RB-030503-1	3/5/2003	Water	Tier II	No						
C3C070133	RAA15-C6 (0 - 1)	3/6/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(540) J	
C3C070133	RAA15-C6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(8.2) J	
C3C070133	RAA15-C6 (3 - 6)	3/6/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(32) J	
C3C070133	RAA15-E6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(16) J	
C3C070133	RAA15-E6 (6 - 10)	3/6/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(93) J	
C3C080119	RAA15-C4 (0 - 1)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.8) J	
C3C080119	RAA15-C4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.7) J	
C3C080119	RAA15-DUP-25 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.6) J	RAA15-C4
C3C080119	RAA15-E4 (1 - 3)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.5) J	
C3C080119	RAA15-E4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.2) J	
C3C080119	RAA15-G2 (3 - 6)	3/7/2003	Soil	Tier II	Yes	Hexachlorophene	CCAL %D	35.9%	<25%	ND(7.7) J	
C3C080119	RB-030703-1	3/7/2003	Water	Tier II	No						
C3C110191	RAA15-D3 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E1 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E1 (3 - 6)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (1 - 3)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (10 - 15)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (3 - 6)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E5 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (1 - 3)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (6 - 10)	3/10/2003	Soil	Tier II	No						
PCDDs/PCDFs											
C3B140193	RAA15-H11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000024) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000065) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000023) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000011) X	
C3B140193	RAA15-H13 (1 - 3)	2/12/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.0000010) X	
						1,2,3,7,8-PeCDD	Internal Standard %R	38.0%	40% to 135%	ND(0.0000014) J	
						1,2,3,7,8-PeCDF	Internal Standard %R	37.0%	40% to 135%	ND(0.0000011) J	
						2,3,7,8-TCDF	Internal Standard %R	38.0%	40% to 135%	0.0000011 QYJ	
						PeCDDs (total)	Internal Standard %R	38.0%	40% to 135%	ND(0.0000014) J	
						PeCDFs (total)	Internal Standard %R	37.0%	40% to 135%	ND(0.0000011) J	
C3B140193	RAA15-L13 (3 - 5)	2/11/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000017) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000014) X	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B140193	RAA15-L16 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000021) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000024) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000026) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000012) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000028) X	
C3B140193	RAA15-M11 (0 - 1)	2/12/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.0000028) X	
						1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000058) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000020) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000066) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000087) X	
C3B140193	RAA15-P13 (1 - 3)	2/10/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000018) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000022) X	
C3B140298	RAA15-G11 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000070) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000024) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000056) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000016) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000052) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.00000052) X	
						1,2,3,7,8-PeCDD	Incorrect qualifier	-	-	ND(0.00000030) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000027) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000016) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000027) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000022) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.0000018) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000034) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.00000051) X	
C3B140298	RAA15-G11 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.00000045) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000043) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000016) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000015) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.000000046) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000052) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000011) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000025) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.00000045) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000016) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.00000043) X	
						OCDD	Incorrect qualifier	-	-	ND(0.0000035) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000027) X	
						PeCDFs (total)	Incorrect qualifier	-	-	ND(0.00000052) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.000000068) X	

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ANALYTICAL DATA VALIDATION SUMMARY
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(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B140298	RAA15-G11 (3 - 6)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.00000055) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000016) X	
						1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000012) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000017) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000024) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000014) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000016) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000014) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.00000012) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000032) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000017) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000030) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000020) X	
						2,3,7,8-TCDF	Incorrect qualifier	-	-	ND(0.00000030) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.00000055) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000017) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.00000024) X	
						OCDD	Incorrect qualifier	-	-	ND(0.0000042) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000066) X	
						PeCDFs (total)	Incorrect qualifier	-	-	ND(0.00000032) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.00000020) X	
						TCDFs (total)	Incorrect qualifier	-	-	ND(0.00000030) X	
						1,2,3,7,8-PeCDF	Internal Standard %R	39.0%	40% to 135%	ND(0.00000032) XJ	
						2,3,4,7,8-PeCDF	Internal Standard %R	39.0%	40% to 135%	ND(0.00000030) XJ	
						2,3,7,8-TCDD	Internal Standard %R	28.0%	40% to 135%	ND(0.00000020) XJ	
						2,3,7,8-TCDF	Internal Standard %R	28.0%	40% to 135%	ND(0.00000030) XJ	
						PeCDFs (total)	Internal Standard %R	39.0%	40% to 135%	ND(0.00000032) XJ	
						TCDDs (total)	Internal Standard %R	28.0%	40% to 135%	ND(0.00000020) XJ	
						TCDFs (total)	Internal Standard %R	28.0%	40% to 135%	ND(0.00000030) XJ	
C3B140298	RAA15-G13 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000017) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000053) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000021) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000012) X	
						1,2,3,7,8-PeCDD	Incorrect qualifier	-	-	ND(0.00000053) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000030) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000018) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000088) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.00000059) X	
C3B140298	RAA15-G15 (6 - 10)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000035) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000026) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.00000043) X	
						HpCDFs (total)	Incorrect qualifier	-	-	ND(0.00000035) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000019) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.00000026) X	
						OCDD	Incorrect qualifier	-	-	ND(0.0000028) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000047) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.00000011) X	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B140298	RAA15-H8 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000021) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000052) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000025) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000016) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000023) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000022) X	
						1,2,3,7,8-PeCDD	Internal Standard %R	31.0%	40% to 135%	ND(0.00000057) J	
						1,2,3,7,8-PeCDF	Internal Standard %R	31.0%	40% to 135%	ND(0.0000023) XJ	
						2,3,4,7,8-PeCDF	Internal Standard %R	34.0%	40% to 135%	0.0000038 J	
						2,3,7,8-TCDD	Internal Standard %R	34.0%	40% to 135%	ND(0.00000018) J	
						2,3,7,8-TCDF	Internal Standard %R	37.0%	40% to 135%	0.0000057 YJ	
						PeCDDs (total)	Internal Standard %R	37.0%	40% to 135%	ND(0.00000057) J	
						PeCDFs (total)	Internal Standard %R	36.0%	40% to 135%	0.000012 J	
						TCDDs (total)	Internal Standard %R	36.0%	40% to 135%	ND(0.00000031) J	
						TCDFs (total)	Internal Standard %R	36.0%	40% to 135%	0.000027 J	
C3B140298	RAA15-H8 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000013) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000061) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000024) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000015) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000014) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000011) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000011) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000018) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000013) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000058) X	
C3B140298	RAA15-H8 (10 - 15)	2/13/2003	Soil	Tier II	Yes	2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000048) X	
C3B140298	RAA15-J6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000028) X	
C3B140298	RAA15-J6 (10 - 15)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000045) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000024) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000049) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000014) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000022) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000085) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.0000019) X	
						PeCDFs (total)	Incorrect qualifier	-	-	ND(0.00000022) X	
						1,2,3,7,8-PeCDD	Internal Standard %R	34.0%	40% to 135%	ND(0.00000035) J	
						1,2,3,7,8-PeCDF	Internal Standard %R	36.0%	40% to 135%	ND(0.00000022) XJ	
						2,3,4,7,8-PeCDF	Internal Standard %R	36.0%	40% to 135%	ND(0.00000017) J	
						2,3,7,8-TCDD	Internal Standard %R	30.0%	40% to 135%	ND(0.00000014) J	
						2,3,7,8-TCDF	Internal Standard %R	26.0%	40% to 135%	ND(0.0000012) YJ	
						PeCDDs (total)	Internal Standard %R	34.0%	40% to 135%	ND(0.00000072) J	
						PeCDFs (total)	Internal Standard %R	36.0%	40% to 135%	ND(0.00000022) XJ	
						TCDDs (total)	Internal Standard %R	30.0%	40% to 135%	ND(0.00000014) J	
						TCDFs (total)	Internal Standard %R	26.0%	40% to 135%	ND(0.0000012) YJ	
						OCDD	Method Blank	-	-	ND(0.000046)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B140298	RAA15-J7 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000065) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000046) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000011) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000013) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000071) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000012) X	
						1,2,3,7,8-PeCDD	Incorrect qualifier	-	-	ND(0.00000026) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000052) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000057) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000059) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000012) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000066) X	
						PeCDFs (total)	Incorrect qualifier	-	-	ND(0.0000015) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.00000022) X	
C3B140298	RAA15-L6 (0 - 1)	2/13/2003	Soil	Tier II	Yes	1,2,3,7,8-PeCDD	Incorrect qualifier	-	-	ND(0.0000015) X	
C3B140298	RAA15-N6 (1 - 3)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.0000024) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.0000016) X	
						1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000013) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000066) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000019) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000025) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000025) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000041) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000026) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000037) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.0000024) X	
						HpCDFs (total)	Incorrect qualifier	-	-	ND(0.0000016) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000059) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.0000018) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000021) X	
						OCDD	Method Blank	-	-	ND(0.000021)	
C3B140298	RAA15-N6 (3 - 6)	2/13/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.00000033) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000023) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000018) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000013) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.000000086) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000013) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.000000086) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000017) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.000000097) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.00000033) X	
						HpCDFs (total)	Incorrect qualifier	-	-	ND(0.00000023) X	
						HxCDDs (total)	Incorrect qualifier	-	-	ND(0.00000011) X	
						HxCDFs (total)	Incorrect qualifier	-	-	ND(0.00000018) X	
						OCDD	Incorrect qualifier	-	-	ND(0.0000043) X	
						PeCDDs (total)	Incorrect qualifier	-	-	ND(0.00000017) X	
						PeCDFs (total)	Incorrect qualifier	-	-	ND(0.00000017) X	
						TCDDs (total)	Incorrect qualifier	-	-	ND(0.000000097) X	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.0000010) X	RAA15-G20
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000063) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000039) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000021) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000020) X	
						HpCDDs (total)	Incorrect qualifier	-	-	ND(0.0000011) X	
C3B150110	RAA15-G20 (0 - 1)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.0000012) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.0000018) X	
						1,2,3,7,8-PeCDD	Incorrect qualifier	-	-	ND(0.00000095) X	
C3B150110	RAA15-G20 (1 - 3)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.0000019) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.0000022) X	
						1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000014) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.000000092) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000061) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000020) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000057) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000018) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000026) X	
C3B150110	RAA15-G20 (10 - 15)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.0000015) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000065) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000034) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.00000022) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000043) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000020) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000031) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000030) X	
						OCDF	Incorrect qualifier	-	-	ND(0.0000015) X	
C3B150110	RAA15-J18 (1 - 3)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrect qualifier	-	-	ND(0.0000022) X	
						1,2,3,4,6,7,8-HpCDF	Incorrect qualifier	-	-	ND(0.00000088) X	
						1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.00000011) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000044) X	
						1,2,3,6,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000023) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000016) X	
						1,2,3,7,8,9-HxCDD	Incorrect qualifier	-	-	ND(0.00000017) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000020) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000018) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000019) X	
						2,3,7,8-TCDD	Incorrect qualifier	-	-	ND(0.00000011) X	
						OCDF	Incorrect qualifier	-	-	ND(0.0000013) X	
						OCDD	Method Blank	-	-	ND(0.000028)	
C3B150110	RAA15-J18 (6 - 10)	2/14/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrect qualifier	-	-	ND(0.0000014) X	
						1,2,3,4,7,8-HxCDD	Incorrect qualifier	-	-	ND(0.00000051) X	
						1,2,3,4,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000015) X	
						1,2,3,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.0000020) X	
						1,2,3,7,8,9-HxCDF	Incorrect qualifier	-	-	ND(0.00000022) X	
						1,2,3,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.0000020) X	
						2,3,4,6,7,8-HxCDF	Incorrect qualifier	-	-	ND(0.00000074) X	
						2,3,4,7,8-PeCDF	Incorrect qualifier	-	-	ND(0.00000085) X	
C3B150110	RB-021403-1	2/14/2003	Water	Tier II	No		Method Blank				

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B190150	RAA15-DUP-12 (0 - 1)	2/18/2003	Soil	Tier II	Yes	HpCDFs (total)	Field Duplicate RPD (Soil)	112.5%	<50%	0.00007 J	RAA15-F19
						HpCDDs (total)	Field Duplicate RPD (Soil)	125.8%	<50%	0.000041 J	
						OCDF	Field Duplicate RPD (Soil)	114.8%	<50%	0.000023 J	
						OCDD	Field Duplicate RPD (Soil)	116.0%	<50%	0.00017 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	97.3%	<50%	0.0000038 J	
						1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	123.3%	<50%	0.000023 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	103.4%	<50%	0.000035 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	150.9%	<50%	0.0000014 J	
C3B190150	RAA15-F19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	TCDFs (total)	Incorrectly flagged	-	-	ND(0.0014) X	
						HpCDFs (total)	Field Duplicate RPD (Soil)	112.5%	<50%	0.00025 J	
						HpCDDs (total)	Field Duplicate RPD (Soil)	125.8%	<50%	0.00018 J	
						OCDF	Field Duplicate RPD (Soil)	114.8%	<50%	0.000085 J	
						OCDD	Field Duplicate RPD (Soil)	116.0%	<50%	0.00064 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	97.3%	<50%	0.000011 J	
						1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	123.3%	<50%	0.000097 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	103.4%	<50%	0.00011 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	150.9%	<50%	0.00001 J	
C3B190150	RAA15-F22 (0 - 1)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-F24 (0 - 1)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-F24 (1 - 3)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-G17 (0 - 1)	2/17/2003	Soil	Tier II	No						
C3B190150	RAA15-H15 (0 - 1)	2/17/2003	Soil	Tier II	No						
C3B190150	RAA15-H18 (0 - 1)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-J19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	MS/MSD RPD	37.0%	<34%	0.000025 J	
						2,3,7,8-TCDF	MS %R	63.0%	65% to 130%	0.000021 J	
						2,3,7,8-TCDF	MS/MSD RPD	38.0%	<20%	0.000021 J	
						OCDD	MS %R	251.0%	33%to 154%	0.00020 J	
						OCDD	MS/MSD RPD	77.0%	<41%	0.00020 J	
C3B190150	RAA15-L17 (0 - 1)	2/17/2003	Soil	Tier II	No						
C3B190150	RB-021703-1	2/17/2003	Water	Tier II	No						
C3B200168	RAA15-E20 (3 - 6)	2/19/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000020) X	
C3B200168	RAA15-E21 (0 - 1)	2/19/2003	Soil	Tier II	No						
C3B200168	RAA15-G22 (6 - 10)	2/19/2003	Soil	Tier II	No						
C3B210194	RAA15-E18 (0 - 1)	2/20/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.00017	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000015) X	
C3B210194	RAA15-E18 (1 - 3)	2/20/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.00026	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000018) X	
C3B210194	RAA15-E18 (3 - 6)	2/20/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.00032	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000019) X	
C3B210194	RAA15-J9 (1 - 3)	2/20/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.0000033 J	Method blank EMPC
C3B210194	RAA15-J9 (3 - 5)	2/20/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.0000017 J	Method blank EMPC
C3B220122	RAA15-A15 (3 - 6)	2/21/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000028) X	
						OCDD	Method Blank	-	-	ND(0.0000049)	
C3B220122	RAA15-C11 (1 - 3)	2/21/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000038) X	
C3B220122	RAA15-E11 (0 - 1)	2/21/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000018) X	
C3B250195	RAA15-A19 (0 - 1)	2/24/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.00035	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000033)	
						OCDD	Internal Standard %R	34.0%	40% to 135%	0.00035 J	
						OCDF	Internal Standard %R	34.0%	40% to 135%	0.000053 J	
C3B250195	RAA15-A19 (1 - 3)	2/24/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.000041 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Internal Standard %R	38.0%	40% to 135%	0.000014 J	
						1,2,3,4,7,8,9-HpCDF	Internal Standard %R	38.0%	40% to 135%	0.0000071 J	
						2,3,7,8-TCDF	No Confirmation	-	-	0.000012 J	
						HpCDFs (total)	Internal Standard %R	38.0%	40% to 135%	0.000040 J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B250195	RAA15-A19 (10 - 15)	2/24/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.0000013 J	Method blank EMPC
						OCDD	Internal Standard %R	37.0%	40% to 135%	0.0000013 J	
						OCDF	Internal Standard %R	37.0%	40% to 135%	ND(0.00000052) J	
C3B250195	RAA15-A19 (3 - 6)	2/24/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.000010 J	
						1,2,3,4,6,7,8-HpCDF	Internal Standard %R	39.0%	40% to 135%	0.0000031 J	
						1,2,3,4,7,8,9-HpCDF	Internal Standard %R	39.0%	40% to 135%	ND(0.0000018) J	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000072) X	
						HpCDFs (total)	Internal Standard %R	39.0%	40% to 135%	0.0000031 J	
						OCDD	Internal Standard %R	37.0%	40% to 135%	0.000010 J	
						OCDF	Internal Standard %R	37.0%	40% to 135%	ND(0.0000021) J	
C3B250195	RAA15-A9 (0 - 1)	2/24/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.00011	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000014) X	
C3B260211	RAA15-B11 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.0000072)	
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000074)	
						OCDD	CCAL %D	51.8%	<30%	0.00026 J	
						1,2,3,6,7,8-HxCDF	MS %R	232.0%	66% to 114%	ND(0.00044) XJ	
						1,2,3,6,7,8-HxCDF	MS/MSD RPD	42.0%	<28%	ND(0.00044) XJ	
						1,2,3,6,7,8-HxCDF	MSD %R	12.0%	66% to 114%	ND(0.00044) XJ	
						1,2,3,7,8-PeCDF	MS %R	135.0%	76% to 123 %	0.00014 J	
						PeCDFs (total)	Ion suppresion	-	-	ND(0.0031) XQJ	
						2,3,7,8-TCDF	MS %R	175.0%	65% to 130%	ND(0.00014) XJ	
						OCDD	MS %R	235.0%	33% to 154%	0.00026 J	
C3B260211	RAA15-B15 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000055)	
						OCDD	CCAL %D	51.8%	<30%	0.00013 J	
						OCDD	Internal Standard %R	31.0%	40% 135%	0.00013 J	
C3B260211	RAA15-B18 (0 - 1)	2/25/2003	Soil	Tier II	Yes	OCDD	CCAL %D	51.8%	<30%	0.0011 J	
C3B260211	RAA15-B7 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000036)	
						OCDD	CCAL %D	51.8%	<30%	0.000015 J	
C3B260211	RAA15-C17 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDD	Method Blank	-	-	ND(0.0000022)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.0000015)	
C3B260211	RAA15-D13 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000095)	
						OCDD	CCAL %D	44.1%	<30%	0.00029 J	
C3B260211	RAA15-DUP-16 (0 - 1)	2/25/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.0000043)	RAA15-B15
						OCDD	CCAL %D	44.1%	<30%	0.000083 J	
C3B260211	RB-022503-1	2/25/2003	Water	Tier II	Yes	OCDD	CCAL %D	44.1%	<30%	ND(0.0000000024) XJ	
C3B270216	RAA15-C18 (1 - 3)	2/26/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.00003	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000084	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000054 J	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000056 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.00021 J	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.00025 J	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000027) X	
C3B270216	RAA15-C18 (3 - 6)	2/26/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000022 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000042 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Internal Standard %R	38.0%	40% to 135%	0.000042 J	
						1,2,3,4,7,8,9-HpCDF	Internal Standard %R	38.0%	40% to 135%	ND(0.0000020) XJ	
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000037 J	Method blank EMPC
						HpCDFs (total)	Internal Standard %R	38.0%	40% to 135%	ND(0.000083) XJ	
						OCDD	Internal Standard %R	29.0%	40% to 135%	0.00026 J	
						OCDF	Incorrectly method blank flagged	-	-	0.000039 J	Method blank EMPC
C3B270216	RAA15-C18 (6 - 10)	2/26/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00000082 J	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.0000015 J	Method blank EMPC
						OCDD	Method Blank	-	-	ND(0.0000058)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3B270216	RAA15-C8 (6 - 10)	2/26/2003	Soil	Tier II	Yes	2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000029 J	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.0000015 J	Method blank EMPC
						HpCDDs (total)	Method Blank	-	-	ND(0.00000056)	
C3B270216	RAA15-E8 (1 - 3)	2/26/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000069 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00015 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDF	Internal Standard %R	34.0%	40% to 135%	0.00015 J	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Internal Standard %R	34.0%	40% to 135%	0.00013 J	Method blank EMPC
						1,2,3,4,7,8-HxCDD	Internal Standard %R	33.0%	40% to 135%	ND(0.0000057) XJ	
						1,2,3,4,7,8-HxCDF	Internal Standard %R	35.0%	40% to 135%	0.00029 J	
						1,2,3,6,7,8-HxCDD	Internal Standard %R	33.0%	40% to 135%	ND(0.0000086) XJ	
						1,2,3,6,7,8-HxCDF	Internal Standard %R	35.0%	40% to 135%	ND(0.00016) XJ	
						1,2,3,7,8,9-HxCDD	Internal Standard %R	33.0%	40% to 135%	ND(0.0000076) XJ	
						1,2,3,7,8,9-HxCDF	Internal Standard %R	35.0%	40% to 135%	ND(0.000013) XJ	
						1,2,3,7,8-PeCDD	Internal Standard %R	38.0%	40% to 135%	ND(0.00063) XJ	
						1,2,3,7,8-PeCDF	Internal Standard %R	36.0%	40% to 135%	0.000038 J	
						2,3,4,6,7,8-HxCDF	Internal Standard %R	35.0%	40% to 135%	ND(0.000018) XJ	
						2,3,4,7,8-PeCDF	Internal Standard %R	36.0%	40% to 135%	0.000045 J	
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.00019 J	
						HpCDFs (total)	Internal Standard %R	34.0%	40% to 135%	ND(0.00044) XJ	
						HxCDDs (total)	Internal Standard %R	33.0%	40% to 135%	ND(0.0013) XJ	
						HxCDFs (total)	Internal Standard %R	35.0%	40% to 135%	ND(0.0012) XJ	
						OCDF	Incorrectly method blank flagged	-	-	0.00022 J	
						PeCDDs (total)	Internal Standard %R	38.0%	40% to 135%	ND(0.0023) XJ	
						PeCDFs (total)	Internal Standard %R	36.0%	40% to 135%	ND(0.0013) XJ	
C3C010139	RAA15-B22 (1 - 3)	2/28/2003	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000011 J	Method blank EMPC
C3C010139	RAA15-C19 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000016 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000034 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.000030 J	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000066) X	
						OCDF	Method Blank	-	-	ND(0.000019)	
C3C010139	RAA15-D8 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000035	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.0000053 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.000012 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.00009	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000090)	
C3C010139	RAA15-E11 (3 - 6)	2/27/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000025 J	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.0000038 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000084 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000081 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.000065	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000012) X	
C3C010139	RAA15-E7 (0 - 1)	2/27/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00004	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.000012 J	Method blank EMPC
						1,2,3,4,7,8-HxCDD	Incorrectly method blank flagged	-	-	0.0000016 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.000021 J	Method blank EMPC
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000036)	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000018) X	
C3C040176	RAA15-A26 (0 - 1)	3/3/2003	Soil	Tier II	Yes	OCDD	Internal Standard %R	33.0%	40% to 135%	0.00025 J	
						OCDF	Internal Standard %R	33.0%	40% to 135%	0.00011 J	
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000030 J	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.000019 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000041 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.00011	Method blank EMPC
C3C040176	RAA15-A26 (3 - 6)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.0000022 J	Method blank EMPC
						OCDF	Method Blank	-	-	ND(0.0000027)	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3C040176	RAA15-B21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	OCDD	CCAL %D	41.2%	<30%	ND(0.000017)	
						OCDF	Method Blank	-	-	ND(0.0000017)	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.0000071) XQJ	
C3C040176	RAA15-B24 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000011 J	Method blank EMPC
						1,2,3,4,7,8-HxCDD	Incorrectly method blank flagged	-	-	0.00000013 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000028 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000010 J	Method blank EMPC
						OCDD	Field Duplicate RPD (Soil)	114.8%	<50%	0.000079 J	
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.000021 J	Method blank EMPC
						OCDF	Method Blank	-	-	ND(0.000010)	
C3C040176	RAA15-C23 (0 - 1)	3/3/2003	Soil	Tier II	Yes	OCDD	CCAL %D	41.2%	<30%	ND(0.0000049) J	
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00000041 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.00000082 J	Method blank EMPC
						OCDD	Method Blank	-	-	ND(0.0000049)	
						OCDF	Method Blank	-	-	ND(0.000001)	
C3C040176	RAA15-C24 (1 - 3)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000018 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000015 J	Method blank EMPC
						OCDF	Method Blank	-	-	ND(0.000013)	
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.000033 J	Method blank EMPC
C3C040176	RAA15-C24 (10 - 15)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.0000043 J	Method blank EMPC
						1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.00000099 J	Method blank EMPC
						1,2,3,4,7,8-HxCDD	Incorrectly method blank flagged	-	-	0.00000067 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000010 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000090 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.0000083 J	Method blank EMPC
						OCDF	Method Blank	-	-	ND(0.0000047)	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.0000031) XQJ	
C3C040176	RAA15-C24 (3 - 6)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Incorrectly method blank flagged	-	-	0.00000035 J	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000022 J	Method blank EMPC
						1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000074)	
						OCDD	Method Blank	-	-	ND(0.0000039)	
						OCDF	Method Blank	-	-	ND(0.0000011)	
C3C040176	RAA15-DUP-21 (0 - 1)	3/3/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00002	Method blank EMPC
						1,2,3,4,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000025 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000011 J	Method blank EMPC
						OCDD	Field Duplicate RPD (Soil)	114.8%	<50%	0.00017 QJ	
						OCDD	CCAL %D	41.2%	<30%	0.00017 QJ	RAA15-B24
						OCDD	Ion suppresion	-	-	0.00017 QJ	
C3C040176	RB-030303-1	3/3/2003	Water	Tier II	No						
C3C050282	RAA15-C20 (6 - 10)	3/4/2003	Soil	Tier II	Yes	OCDD	CCAL %D	41.2%	<30%	0.0000031 J	
C3C050282	RAA15-D21 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Incorrectly method blank flagged	-	-	0.00000019 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000016 J	Method blank EMPC
						OCDD	CCAL %D	41.2%	<30%	0.00028 J	
C3C050282	RAA15-D25 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.0000021 J	Method blank EMPC
						OCDD	CCAL %D	41.2%	<30%	0.00051 J	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000038) X	
C3C050282	RAA15-D27 (0 - 1)	3/4/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.00000083 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000012 J	Method blank EMPC
						OCDD	CCAL %D	41.2%	<30%	0.000044 J	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000047) X	
C3C050282	RAA15-G4 (0 - 1)	3/4/2003	Soil	Tier II	Yes	OCDD	CCAL %D	41.2%	<30%	0.000056 J	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000021) X	
						OCDD	Internal Standard %R	35.0%	40% to 135%	0.000056 J	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3C050282	RAA15-G4 (1 - 3)	3/4/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.0000016 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000023 J	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000092) X	
						OCDD	CCAL %D	41.2%	<30%	0.000095 J	
C3C050282	RAA15-G4 (3 - 6)	3/4/2003	Soil	Tier II	Yes	2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000066 J	Method blank EMPC
C3C060304	RAA15-DUP-23 (6 - 10)	3/5/2003	Soil	Tier II	No						RAA15-J4
C3C060304	RAA15-F7 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (0 - 1)	3/5/2003	Soil	Tier II	Yes	HxCDFs (total)	Ion suppresion	-	-	ND(0.000013) XQJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.0000034) XQJ	
						1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.0000033 J	Method blank EMPC
						OCDD	Incorrectly method blank flagged	-	-	0.000069	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.0000057 J	Method blank EMPC
C3C060304	RAA15-G6 (1 - 3)	3/5/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.0000050 J	Method blank EMPC
						OCDD	Incorrectly method blank flagged	-	-	0.00013 J	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.000011 J	Method blank EMPC
C3C060304	RAA15-G6 (10 - 15)	3/5/2003	Soil	Tier II	Yes	OCDD	Incorrectly method blank flagged	-	-	0.0000021 QJ	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.00000039 J	Method blank EMPC
C3C060304	RAA15-H2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000017) XJ	
						1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.00000020 J	Method blank EMPC
						1,2,3,7,8,9-HxCDF	Incorrectly method blank flagged	-	-	0.00000020 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.00000020 J	Method blank EMPC
C3C060304	RAA15-J2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	0.000011 J	
						1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.0000020 J	Method blank EMPC
						1,2,3,7,8,9-HxCDF	Incorrectly method blank flagged	-	-	0.00000056 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000067	Method blank EMPC
C3C060304	RAA15-J2 (1 - 3)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	0.0000086 J	
						1,2,3,7,8,9-HxCDF	Incorrectly method blank flagged	-	-	0.00000020 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000019 J	Method blank EMPC
C3C060304	RAA15-J2 (10 - 15)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (0 - 1)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000034) XJ	
						1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.0000057 J	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.0000050 J	Method blank EMPC
						HxCDDs (total)	Incorrectly method blank flagged	-	-	0.000075 J	Method blank EMPC
C3C060304	RAA15-J4 (3 - 6)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4S (0 - 1)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000021)X	
						TCDFs (total)	Incorrectly flagged	-	-	ND(0.0023) X	
						1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.000007	Method blank EMPC
						2,3,4,6,7,8-HxCDF	Incorrectly method blank flagged	-	-	0.000015	Method blank EMPC
C3C060304	RAA15-L3 (0 - 1)	3/5/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000033) X	
						1,2,3,7,8,9-HxCDD	Incorrectly method blank flagged	-	-	0.0000015 J	Method blank EMPC
						1,2,3,7,8,9-HxCDF	Incorrectly method blank flagged	-	-	0.00000026 J	Method blank EMPC
C3C060304	RB-030503-1	3/5/2003	Water	Tier II	Yes	OCDD	CCAL %D	51.7%	<35%	0.0000000049 J	
C3C070133	RAA15-C6 (0 - 1)	3/6/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00027	Method blank EMPC
						OCDD	Incorrectly method blank flagged	-	-	0.00016 Q	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.00021	Method blank EMPC
						TCDFs (total)	Ion suppresion	-	-	ND(0.0012) XQJ	
						OCDD	Ion suppresion	-	-	0.00016 QJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000093) XQJ	
						1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.0000026) XQJ	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3C070133	RAA15-C6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.00012	Method blank EMPC
						OCDD	Incorrectly method blank flagged	-	-	0.00027 Q	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.000087	Method blank EMPC
						TCDFs (total)	Ion suppresion	-	-	ND(0.00062) XQJ	
						OCDD	Ion suppresion	-	-	0.00027 QJ	
C3C070133	RAA15-C6 (3 - 6)	3/6/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000070	Method blank EMPC
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000050) XQJ	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000059) X	
						OCDD	Incorrectly method blank flagged	-	-	0.00019	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.000043	Method blank EMPC
C3C070133	RAA15-E6 (1 - 3)	3/6/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.000029	Method blank EMPC
						OCDD	Incorrectly method blank flagged	-	-	0.00038	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.000014) X	
						OCDF	Incorrectly method blank flagged	-	-	0.000044	Method blank EMPC
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000019) XQJ	
C3C070133	RAA15-E6 (6 - 10)	3/6/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Incorrectly method blank flagged	-	-	0.0000033 J	Method blank EMPC
						HpCDFs (total)	Incorrectly method blank flagged	-	-	0.0000068 J	Method blank EMPC
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000035) X	
						OCDD	Incorrectly method blank flagged	-	-	0.000034	Method blank EMPC
						OCDF	Incorrectly method blank flagged	-	-	0.0000034 J	Method blank EMPC
C3C080119	RAA15-C4 (0 - 1)	3/7/2003	Soil	Tier II	Yes	HxCDFs (total)	Ion suppresion	-	-	ND(0.000069) XQJ	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000022) X	
						OCDF	Method Blank	-	-	ND(0.0000031)	
C3C080119	RAA15-C4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.0000012) XQJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000020) XQJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.000059) XQJ	
						PeCDFs (total)	Ion suppresion	-	-	ND(0.000097) XQJ	
						PeCDDs (total)	Ion suppresion	-	-	ND(0.000039) XQJ	
						OCDF	Method Blank	-	-	ND(0.0000040)	
C3C080119	RAA15-DUP-25 (3 - 6)	3/7/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.00000059) XQJ	RAA15-C4
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000011) XQJ	
						OCDD	Ion suppresion	-	-	0.000012 QJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.000079) XQJ	
						2,3,7,8-TCDF	No Confirmation	-	-	ND(0.0000079) X	
C3C080119	RAA15-E4 (1 - 3)	3/7/2003	Soil	Tier II	Yes	PeCDFs (total)	Ion suppresion	-	-	ND(0.0025) XQJ	
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.000039 QJ	
						HpCDDs (total)	Ion suppresion	-	-	0.000080 QJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.00020) XQJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.0017) XQJ	
						PeCDDs (total)	Ion suppresion	-	-	ND(0.00024) XQJ	
						TCDDs (total)	Ion suppresion	-	-	ND(0.000049) XQJ	
						TCDFs (total)	Ion suppresion	-	-	ND(0.0021) XQJ	
						OCDD	Ion suppresion	-	-	0.000099 QJ	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3C080119	RAA15-E4 (3 - 6)	3/7/2003	Soil	Tier II	Yes	2,3,7,8-TCDF	Incorrectly Reported	-	-	ND(0.000035)X	
						TCDFs (total)	Ion suppresion	-	-	ND(0.00025) XQJ	
						1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.00000044) XQJ	
						HpCDDs (total)	Ion suppresion	-	-	0.000012 QJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000023) XQJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.00023) XQJ	
						OCDD	Ion suppresion	-	-	0.000037 QJ	
						PeCDFs (total)	Ion suppresion	-	-	ND(0.00033) XQJ	
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.0000061 QJ	
						1,2,3,4,7,8-HxCDF	MS %R	118.0%	74% to 118%	0.000066 J	
						1,2,3,4,7,8-HxCDF	MSD %R	117.0%	74% to 118%	0.000066 J	
C3C080119	RAA15-G2 (3 - 6)	3/7/2003	Soil	Tier II	Yes	HxCDFs (total)	Ion suppresion	-	-	ND(0.00038) XQJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000026) XQJ	
						HpCDDs (total)	Ion suppresion	-	-	0.000017 QJ	
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.0000086 QJ	
						TCDFs (total)	Ion suppresion	-	-	ND(0.00061) XQJ	
C3C080119	RB-030703-1	3/7/2003	Water	Tier II	No						
C3C110191	RAA15-D3 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.0000045 QJ	Method blank EMPC
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.0000045 QJ	
						1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.00000079) XQJ	
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000010 Q	Method blank EMPC
						HpCDDs (total)	Ion suppresion	-	-	0.000010 QJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.0000071) XQJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.000075) XQJ	
C3C110191	RAA15-DUP-27 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000015 J	RAA15-E5, Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000031 J	Method blank EMPC
C3C110191	RAA15-E1 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.0000019 J	Method blank EMPC
						OCDD	CCAL %D	51.7%	<30%	0.000013 J	
C3C110191	RAA15-E1 (3 - 6)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.00000043 QJ	Method blank EMPC
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.00000043 QJ	
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.00000043 QJ	Method blank EMPC
						HpCDDs (total)	Ion suppresion	-	-	0.00000043 QJ	
						OCDD	CCAL %D	51.7%	<30%	ND(0.0000010) XQJ	
						OCDD	Ion suppresion	-	-	ND(0.0000010) XQJ	
C3C110191	RAA15-E2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000011	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000022	Method blank EMPC
						HxCDFs (total)	Ion suppresion	-	-	ND(0.000099) XQJ	
						1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	ND(0.00000033) XQJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000011) XQJ	
C3C110191	RAA15-E2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000043 J	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000082 J	Method blank EMPC
C3C110191	RAA15-E2 (10 - 15)	3/10/2003	Soil	Tier II	Yes	OCDD	CCAL %D	51.7%	<30%	ND(0.00000030) J	
C3C110191	RAA15-E2 (3 - 6)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.0000076 Q	Method blank EMPC
						OCDD	CCAL %D	51.7%	<30%	0.000017 J	
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000018 Q	Method blank EMPC
						HpCDDs (total)	Ion suppresion	-	-	0.000018 QJ	
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.0000076 QJ	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (cont'd)											
C3C110191	RAA15-E5 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000023 J	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000052 J	Method blank EMPC
						PeCDFs (total)	Ion suppresion	-	-	ND(0.00027) XQJ	
C3C110191	RAA15-F2 (0 - 1)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.000014 Q	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.000033 Q	Method blank EMPC
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.000014 QJ	
						1,2,3,7,8,9-HxCDD	Ion suppresion	-	-	0.0000013 QJ	
						HpCDDs (total)	Ion suppresion	-	-	0.000033 QJ	
						HxCDDs (total)	Ion suppresion	-	-	ND(0.000015) XQJ	
						HxCDFs (total)	Ion suppresion			ND(0.00026) XQJ	
						OCDD	CCAL %D	51.7%	<30%	0.000080 J	
C3C110191	RAA15-F2 (1 - 3)	3/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Incorrectly method blank flagged	-	-	0.0000049 JQ	Method blank EMPC
						HpCDDs (total)	Incorrectly method blank flagged	-	-	0.0000095 JQ	Method blank EMPC
						1,2,3,4,6,7,8-HpCDD	Ion suppresion	-	-	0.0000049 QJ	
						HpCDDs (total)	Ion suppresion	-	-	0.0000095 QJ	
						HxCDFs (total)	Ion suppresion	-	-	ND(0.000020) XQJ	
						OCDD	CCAL %D	51.7%	<30%	0.000048 J	
C3C110191	RAA15-F2 (6 - 10)	3/10/2003	Soil	Tier II	Yes	OCDD	CCAL %D	51.7%	<30%	0.0000000021 J	
C3C110191	RB-031003-1	3/10/2003	Water	Tier II	No						
Sulfide and Cyanide											
C3B140193	RAA15-H11 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-H13 (1 - 3)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-L13 (3 - 5)	2/11/2003	Soil	Tier II	No						
C3B140193	RAA15-L16 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-M11 (0 - 1)	2/12/2003	Soil	Tier II	No						
C3B140193	RAA15-P13 (1 - 3)	2/10/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G11 (3 - 6)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G13 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-G15 (6 - 10)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-H8 (10 - 15)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J6 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J6 (10 - 15)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-J7 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-L6 (0 - 1)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-N6 (1 - 3)	2/13/2003	Soil	Tier II	No						
C3B140298	RAA15-N6 (3 - 6)	2/13/2003	Soil	Tier II	No						
C3B150110	RAA15-DUP-10 (10 - 15)	2/14/2003	Soil	Tier II	No						RAA15-G20
C3B150110	RAA15-G20 (0 - 1)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-G20 (1 - 3)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-G20 (10 - 15)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-J18 (1 - 3)	2/14/2003	Soil	Tier II	No						
C3B150110	RAA15-J18 (6 - 10)	2/14/2003	Soil	Tier II	No						
C3B150110	RB-021403-1	2/14/2003	Water	Tier II	No						
C3B190150	RAA15-DUP-12 (0 - 1)	2/18/2003	Soil	Tier II	No						RAA15-F19
C3B190150	RAA15-F19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.750)	
C3B190150	RAA15-F22 (0 - 1)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-F24 (0 - 1)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-F24 (1 - 3)	2/18/2003	Soil	Tier II	No						
C3B190150	RAA15-G17 (0 - 1)	2/17/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.310)	
C3B190150	RAA15-H15 (0 - 1)	2/17/2003	Soil	Tier II	No						
C3B190150	RAA15-H18 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.400)	

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Sulfide and Cyanide (cont'd)											
C3B190150	RAA15-J19 (0 - 1)	2/18/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.240)	
C3B190150	RAA15-L17 (0 - 1)	2/17/2003	Soil	Tier II	No						
C3B190150	RB-021703-1	2/17/2003	Water	Tier II	No						
C3B200168	RAA15-E20 (3 - 6)	2/19/2003	Soil	Tier II	No						
C3B200168	RAA15-E21 (0 - 1)	2/19/2003	Soil	Tier II	No						
C3B200168	RAA15-G22 (6 - 10)	2/19/2003	Soil	Tier II	No						
C3B210194	RAA15-E18 (0 - 1)	2/20/2003	Soil	Tier II	No						
C3B210194	RAA15-E18 (1 - 3)	2/20/2003	Soil	Tier II	No						
C3B210194	RAA15-E18 (3 - 6)	2/20/2003	Soil	Tier II	No						
C3B210194	RAA15-J9 (1 - 3)	2/20/2003	Soil	Tier II	No						
C3B210194	RAA15-J9 (3 - 5)	2/20/2003	Soil	Tier II	No						
C3B220122	RAA15-A15 (3 - 6)	2/21/2003	Soil	Tier II	No						
C3B220122	RAA15-C11 (1 - 3)	2/21/2003	Soil	Tier II	No						
C3B220122	RAA15-E11 (0 - 1)	2/21/2003	Soil	Tier II	No						
C3B250195	RAA15-A19 (0 - 1)	2/24/2003	Soil	Tier II	No						
C3B250195	RAA15-A19 (1 - 3)	2/24/2003	Soil	Tier II	No						
C3B250195	RAA15-A19 (10 - 15)	2/24/2003	Soil	Tier II	No						
C3B250195	RAA15-A19 (3 - 6)	2/24/2003	Soil	Tier II	No						
C3B250195	RAA15-A9 (0 - 1)	2/24/2003	Soil	Tier II	No						
C3B260211	RAA15-B11 (0 - 1)	2/25/2003	Soil	Tier II	No						
C3B260211	RAA15-B15 (0 - 1)	2/25/2003	Soil	Tier II	No						
C3B260211	RAA15-B18 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.310)	
C3B260211	RAA15-B7 (0 - 1)	2/25/2003	Soil	Tier II	No						
C3B260211	RAA15-C17 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.290)	
C3B260211	RAA15-D13 (0 - 1)	2/25/2003	Soil	Tier II	No						
C3B260211	RAA15-DUP-16 (0 - 1)	2/25/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.200)	RAA15-B15
C3B260211	RB-022503-1	2/25/2003	Water	Tier II	No						
C3B270216	RAA15-C18 (1 - 3)	2/26/2003	Soil	Tier II	No						
C3B270216	RAA15-C18 (3 - 6)	2/26/2003	Soil	Tier II	No						
C3B270216	RAA15-C18 (6 - 10)	2/26/2003	Soil	Tier II	No						
C3B270216	RAA15-C8 (6 - 10)	2/26/2003	Soil	Tier II	No						
C3B270216	RAA15-E8 (1 - 3)	2/26/2003	Soil	Tier II	No						
C3C010139	RAA15-B22 (1 - 3)	2/28/2003	Soil	Tier II	No						
C3C010139	RAA15-C19 (0 - 1)	2/27/2003	Soil	Tier II	No						
C3C010139	RAA15-D8 (0 - 1)	2/27/2003	Soil	Tier II	No						
C3C010139	RAA15-E11 (3 - 6)	2/27/2003	Soil	Tier II	No						
C3C010139	RAA15-E7 (0 - 1)	2/27/2003	Soil	Tier II	No						
C3C040176	RAA15-A26 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-A26 (3 - 6)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-B21 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-B24 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C23 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (1 - 3)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (10 - 15)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-C24 (3 - 6)	3/3/2003	Soil	Tier II	No						
C3C040176	RAA15-DUP-21 (0 - 1)	3/3/2003	Soil	Tier II	No						
C3C040176	RB-030303-1	3/3/2003	Water	Tier II	No						RAA15-B24
C3C050282	RAA15-C20 (6 - 10)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D21 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D25 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-D27 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-G4 (0 - 1)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-G4 (1 - 3)	3/4/2003	Soil	Tier II	No						
C3C050282	RAA15-G4 (3 - 6)	3/4/2003	Soil	Tier II	No						
C3C060304	RAA15-DUP-23 (6 - 10)	3/5/2003	Soil	Tier II	No						RAA15-J4

TABLE C-1
FORMER OXBOW AREAS J AND K REMOVAL ACTION PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Sulfide and Cyanide (cont'd)											
C3C060304	RAA15-F7 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (1 - 3)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-G6 (10 - 15)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-H2 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.240)	
C3C060304	RAA15-J2 (0 - 1)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J2 (1 - 3)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J2 (10 - 15)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.350)	
C3C060304	RAA15-J4 (3 - 6)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-J4 (6 - 10)	3/5/2003	Soil	Tier II	No						
C3C060304	RAA15-L3 (0 - 1)	3/5/2003	Soil	Tier II	Yes	Cyanide	Method Blank	-	-	ND(0.290)	
C3C060304	RB-030503-1	3/5/2003	Water	Tier II	No						
C3C070133	RAA15-C6 (0 - 1)	3/6/2003	Soil	Tier II	No						
C3C070133	RAA15-C6 (1 - 3)	3/6/2003	Soil	Tier II	No						
C3C070133	RAA15-C6 (3 - 6)	3/6/2003	Soil	Tier II	No						
C3C070133	RAA15-E6 (1 - 3)	3/6/2003	Soil	Tier II	No						
C3C070133	RAA15-E6 (6 - 10)	3/6/2003	Soil	Tier II	No						
C3C080119	RAA15-C4 (0 - 1)	3/7/2003	Soil	Tier II	No						
C3C080119	RAA15-C4 (3 - 6)	3/7/2003	Soil	Tier II	No						
C3C080119	RAA15-DUP-25 (3 - 6)	3/7/2003	Soil	Tier II	No						RAA15-C4
C3C080119	RAA15-E4 (1 - 3)	3/7/2003	Soil	Tier II	No						
C3C080119	RAA15-E4 (3 - 6)	3/7/2003	Soil	Tier II	No						
C3C080119	RAA15-G2 (3 - 6)	3/7/2003	Soil	Tier II	No						
C3C080119	RB-030703-1	3/7/2003	Water	Tier II	No						
C3C110191	RAA15-D3 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E1 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E1 (3 - 6)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (1 - 3)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (10 - 15)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E2 (3 - 6)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-E5 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (0 - 1)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (1 - 3)	3/10/2003	Soil	Tier II	No						
C3C110191	RAA15-F2 (6 - 10)	3/10/2003	Soil	Tier II	No						