Appendix B

Soil Analytical Results



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

Averaging Area:	4A	4A	4A	4A	4A
Sample 1D:	RAA4-E15	RAA4-G5	RAA4-G7	RAA4-G7	RAA4-G11
Sample Depth(Feet):	0-1	0-1	6-15	10-12	1-3
Parameter Date Collected:	06/07/02	06/11/02	07/02/02	07/02/02	06/28/02
Volatile Organics	NO(0.0050)		MO		NEWO DOCTO
1.1,1,2-7etrachloroethane	ND(0.0053) ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,1,1-Trichloroethane		ND(0.0057)	NS	ND(0.0059) ND(0.0059)	ND(0.0052)
1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane	ND(0.0053) ND(0.0053)	ND(0.0057)	NS NS		ND(0.0052)
1.1-Dichloroethane	ND(0.0053)	ND(0.0057) ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1.1-Dichloroethene	ND(0.0053)	ND(0.0057)	NS NS	ND(0.0059) ND(0.0059)	ND(0.0052) ND(0.0052)
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0057)	NS NS	ND(0.0059)	ND(0.0052)
1,2-Dibromo-3-chloropropane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052) J
1.2-Dibromoethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052) 3
1.2-Dichloroethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,2-Dichloropropane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
1,4-Dioxane	ND{0.11} J	ND(0.11)	NS	ND(0.12) J	ND(0.10)
2-Butanone	ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
2-Chloroethylvinylether	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
2-Hexanone	ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
3-Chloropropene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010)
Acetone	ND(0.021)	ND(0.023)	NS	ND(0.024)	ND(0.021)
Acetonitrile	ND(0.11)	ND(0.11)	NS	ND(0.12)	ND(0.10)
Acrolein	ND(0.11) J	ND(0.11)	NS	ND(0.12) J	ND(0.10) J
Acrylonitrile	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Benzene	ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Bromodichloromethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Bromoform	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Bromomethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Carbon Disulfide	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Carbon Tetrachloride	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chlorobenzene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chloroethane	ND(0.0053)	ND(0.0057)	NŜ	ND(0.0059)	ND(0.0052)
Chioroform	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Chloromethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dibromochloromethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dibromomethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Dichlorodifluoromethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Ethyl Methacrylate	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Ethylbenzene	ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
lodomethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Isobutanol	ND(0.11)	ND(0.11)	NS	ND(0.12)	ND(0.10)
Methacrylonitrile	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Methyl Methacrylate	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Methylene Chloride	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Propionitrile	ND(0.011)	ND(0.011)	NS	ND(0.012)	ND(0.010) J
Styrene	ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
Tetrachloroethene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
	ND(0.00530)	ND(0.0057)	NS	ND(0.00590)	ND(0.00520)
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
trans-1,3-Dichioropropene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059) J	ND(0.0052)
Trichloroethene	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Trichiorofluoromethane	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Vinyi Acetate	ND(0.0053)	ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Viny! Chloride	ND(0.0053)	(ND(0.0057)	NS	ND(0.0059)	ND(0.0052)
Xylenes (total)	ND(0.0053)	ND(0.0657)	NS	MD(0.0059)	ND(0.0052)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4A RAA4-E15 0-1	4A RAA4-G5 0-1	4A RAA4-G7 6-15	4A RAA4-G7 10-12	4A RAA4-G1* 1-3
Parameter Date Collected:	06/07/02	06/11/02	07/02/02	07/02/02	06/28/02
Semivolatile Organics	·····				
1,2,4,5-Tetrachlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2,4-Trichlorobenzene	ND(0.350)	NO(0.610)	ND(0.430)	NS	NS
1,2-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,2-Diphenyinydrazine	ND(0.35)	ND(0.61)	ND(0.43)	NS	NS
1.3,5-Trinitrobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1.3-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,3-Dinitrobenzene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
1.4-Dichlorobenzene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
1,4-Naphthoquinone	ND(0.710)	ND(0.760) ND(0.760)	ND(0.790) ND(0.790)	NS NS	NS NS
I-Naphthylamine 2,3,4,6-Tetrachlorophenol	ND(0.710) ND(0.350)	ND(0.610)	ND(0.430)	NS NS	NS
2,4,5-Trichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4,6-Trichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS NS	NS
2,4-Dichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,4-Dimethylphenol	ND(0.350)	ND(0.610)	ND(0.430)	i NS	NS
2,4-Dinitrophenol	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
2,4-Dinitrotoluene	NO(0.350)	ND(0.610)	ND(0.430)	NS	NS
2.6-Dichlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2,6-Dinitrotoluene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Acetylaminofluorene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
2-Chloronaphthalene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Chlorophenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylnaphthalene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
2-Naphthylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS NS	NS NS
2-Nitroaniline 2-Nitrophenol	ND(1.80) ND(0.710)	ND(3.00) ND(0.760)	ND(2.20) ND(0.790)	NS NS	NS
2-Picoline	ND(0.350)	ND(0.610)	ND(0.430)	NS NS	NS
3&4-Methylphenol	ND(0.710)	ND(0.760)	ND(0.790)	NS NS	NS
3,3'-Dichlorobenzidine	ND(0.710)	ND(1.20)	ND(0.86) J	NS NS	NS
3,3'-Dimethylbenzidine	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
3-Methylcholanthrene	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
3-Nitroaniline	ND(1.80)	ND(3.00)	ND(2.20)	NS	NS
1.6-Dinitro-2-methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Aminobiphenyl	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Bromophenyl-phenylether	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chloro-3-Methylphenol	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chloroaniline	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
4-Chlorobenzilate	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Chlorophenyl-phenylether	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS NS
4-Nitroaniline 4-Nitrophenol	ND(1.8) J ND(1.80)	ND(1.90) ND(3.00)	ND(2.00) ND(2.20)	NS NS	NS NS
4-Nitroquinoline-1-oxide	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
4-Phenylenediamine	ND(0.71) J	ND(0.76) J	ND(0.79) J	NS	NS
5-Nitro-o-toluidine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(0.710)	NO(0.760)	ND(0.790)	NS	NS
a,a'-Dimethylphenethylamine	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Acenaphthene	ND(0.350)	NO(0.610)	ND(0.430)	NS	NS
Acenaphthylene	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Acetophenone	ND(0.350)	ND(0.610)	ND(0.430)	NS	NS
Aniline	ND(0.350)	2.50	ND(0.430)	NS NS	NS
Anthracene	ND(0.350)	0.150 J	ND(0.430)	NS NS	NS
Vanite	ND(0.710)	ND(0.760)	ND(0.790)	NS	NS
Benzidine	ND(0.71) J	ND(1.2) J	ND(0.86) J	NS NS	NS
Benzo(a)enthracene	ND(0.350)	0.870	ND(0.430)	NS	NS
	ND(0.350) ND(0.350)	1.00	ND(0.430) ND(0.430)	NS NS	NS
Benzo(b)fluoranthene	ND(0.350)	1,10	ND(0.430)	NS NS	NS NS
Benzo(g,h,i)perviene Benzo(k)ßupranthene	ND(0.350)	0.960	ND(0.430)	NS	NS
Benzyl Alcohol	NE(0.710)	ND(1.20)	ND(0.860)	NS	NS NS
bis(2-Chloroethoxy)methane	ND(0 350)	ND(0.610)	ND(0.430)	NS	NS
bis(2-Chloraethyi)ether	ND(0 350)	ND(0.610)	ND(0.430)	NS	NS
bis(2-Chlorolsopropyl)ether	ND(0.350)	ND(0.61) J	ND(0.430)	NS	NS

V/GE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data/PDI DATA8 xis Table 5-1 (A) Page 2 of 197

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

A4-E15 0-1 5/07/02	RAA4-G5 0-1 06/11/02 0.590 ND(0.610) 1.10 ND(0.610) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.61) ND(0.61)	RAA4-G7 6-15 07/02/02 ND(0.390) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	RAA4-G7 10-12 07/02/02 NS NS NS NS NS NS NS NS NS NS NS NS	RAA4-G11 1-3 06/28/02 NS NS NS NS NS NS NS NS NS NS
\$/07/02 \$(0.350)	06/11/02 0.590 ND(0.610) 1.10 ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.610) ND(0.611) ND(0.610)	07/02/02 ND(0.390) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	07/02/02 NS NS NS NS NS NS NS NS	06/28/02 NS NS NS NS NS NS NS NS NS
0(0.350) 0(0.350) 0(0.350) 0(0.710) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	0.590 ND(0.610) 1.10 ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.611) ND(0.611)	ND(0.390) ND(0.430) ND(0.430) ND(0.790) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS NS NS
0(0.350) 0(0.350) 0(0.710) N(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	ND(0.610) 1.10 ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.611) ND(0.610)	ND(0.430) ND(0.430) ND(0.790) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS
0(0.350) 0(0.350) 0(0.710) N(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	ND(0.610) 1.10 ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.611) ND(0.610)	ND(0.430) ND(0.430) ND(0.790) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS
0(0.350) 0(0.710) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	1.10 ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.61) ND(0.61)	ND(0.430) ND(0.790) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS NS NS	NS NS NS NS NS NS
(0,710) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350) (0,350)	ND(0.760) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.61) ND(0.610)	ND(0.790) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS NS	NS NS NS NS NS NS
x(0.350) x(0,350)	ND(0.610) ND(0.610) ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.61) ND(0.610)	ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS NS	NS NS NS NS NS
0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.610) ND(0.61) ND(0.610)	ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS NS	NS NS NS NS
b(0.350) b(0.350) b(0.350) b(0.350) b(0.350) b(0.350) b(0.350) b(0.350) b(0.350)	ND(0.610) ND(0.610) 0.270 J ND(0.610) ND(0.61) ND(0.610)	ND(0.430) ND(0.430) ND(0.430) ND(0.430)	NS NS NS	NS NS NS
0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	ND(0.610) 0.270 J ND(0.610) ND(0.61) ND(0.610)	ND(0.430) ND(0.430) ND(0.430)	NS NS	NS NS
0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350) 0(0.350)	0.270 J ND(0.610) ND(0.61) ND(0.610)	ND(0.430) ND(0.430)	NS	NS
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D(0.35) D(0.350) D(0.350) D(0.350)	ND(0.61) ND(0.610)		NS	
0(0.350) 0(0.350) 0(0.350)	ND(0.610)	ND(0.43)	· · · · · · · · · · · · · · · · · · ·	NS
0(0.350) 0(0.350)			NS	NS
0(0.350)		ND(0.430)	<u>į NS</u>	NS
	2.10	ND(0.430)	NS	NS
40.350)	ND(0.610)	ND(0.430)	NS	NS
	ND(0.610)	ND(0.430)	NS	NS
0(0.350)	ND(0.610)	ND(0.430)	NS	NS
0(0.350)	ND(0.610)	ND(0.430)	N\$	NS
0(0.350)	ND(0.610)	ND(0.430)	NS	NS
D(0.71)	ND(1.2)	ND(0.86)	NS	NS
)(0.350)	ND(0.610)	ND(0.430)	NS	NS
0(0.350)	0.670	ND(0.430)	NS	NS
D(0.35)	ND(0.61)	ND(0.43)	NS	NS
0(0.350)	ND(0.610)	ND(0.430)	NS	NS
)(0.710)	ND(0.760)	ND(0.790)	NS	NS
(0.710)	ND(0.760)	ND(0.790)	NS	NS
0(0.350)	ND(0.610)	ND(0.430)	NS	NS
(0.350)	ND(0.610)	ND(0.430)	NS	NS
)(0.350)	ND(0.610)	ND(0.430)	NS	NS
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and an and an an and a second s				NS
				NS
	••••••••••••••••••••••••••••••••••••••	<u> </u>		NS
				NS
<u> </u>	🖢	~~~~ <u>~~</u>		NS
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a service converse come to first come the service		····		NS
			· · · · · · · · · · · · · · · · · · ·	NS
				NS
		······		NS
	**************************************			NS
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				NS
				NS
ao 2504				NS NS
	{0.350} {0.350} {0.710} {0.350} {0.710} {0.350} {0.350} {0.710} {0.350} {0.710} {0.350} {0.350} {0.710} {0.350} {0.710} {0.350} {0.710} {0.350} {0.710} {0.350} {0.710} {0.350} {0.350} {0.350} {0.350} {0.350} {0.350} {0.350} {0.350}	(0.350) ND(0.610) (0.350) ND(0.610) (0.710) ND(0.610) (0.350) ND(0.760) (0.350) ND(0.760) (0.350) 0.0180 J (0.350) 0.180 J (0.350) 0.180 J (0.350) 1.70 (0.350) 1.70 (0.350) 1.70 (0.350) ND(0.610) (0.350) ND(0.610) (0.350) ND(0.610) (0.350) ND(0.610)	$\begin{array}{c ccccc} (0.350) & ND(0.610) & ND(0.430) \\ (0.350) & ND(0.610) & ND(0.430) \\ (0.710) & ND(0.610) & ND(0.430) \\ (0.350) & ND(0.610) & ND(0.790) \\ (0.350) & ND(0.610) & ND(0.790) \\ (0.350) & ND(0.760) & ND(0.790) \\ (0.350) & 0.930 & ND(0.430) \\ (0.350) & 0.930 & ND(0.430) \\ (0.350) & 0.180 J & ND(0.430) \\ (0.350) & ND(0.610) & ND(0.430) \\ (0.$	(0.350) ND(0.610) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.710) ND(0.610) ND(0.790) NS (0.350) ND(0.610) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.710) ND(0.760) ND(0.790) NS (0.710) ND(0.610) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.350) ND(0.61) ND(0.430) NS (0.350) ND(0.610) ND(0.430) NS (0.350)

arameter Date Collected: urans 3.7.8-TCDF CDFs (total) 2.3.7.8-PeCDF 3.4.7.8-PeCDF 2.3.6.7.8-PeCDF eCDFs (total) 2.3.4.7.8-HxCDF 2.3.6.7.8-HxCDF 2.3.6.7.8-HxCDF 2.3.7.8.9-HxCDF 3.4.6.7.8-HxCDF 2.3.4.6.7.8-HxCDF 2.3.4.6.7.8-HxCDF xCDFs (total) 2.3.4.6.7.8-HxCDF yCDFs (total) 2.3.4.7.8.9-HyCDF 2.3.4.7.8.9-HyCDF 2.3.4.7.8.9-HyCDF yCDFs (total) 2.3.4.7.8.9-HyCDF	0.0000023 Y 0.000015 JQ 0.0000015 JQ 0.0000085 O 0.0000033 0.0000033 Q 0.0000098 J 0.000011 0.00017 Q 0.0000084 0.0000084 0.0000010 J 0.000023 0.000023 0.0000044 J	0.000076 Y 0.00086 O 0.000042 0.00010 0.0015 GF 0.000079 0.000053 0.000013 0.00013 0.00018 F 0.00017 0.00019	0.00000015 J 0.00000025 ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS NS NS NS
3.7.8-TCDF CDFs (total) 2.3.7.8-PeCDF additional additional 2.3.4.7.8-PeCDF cDFs (total) 2.3.4.7.8-HxCDF 2.3.6.7.8-HxCDF 3.4.6.7.8-HxCDF 3.4.6.7.8-HxCDF 2.3.4.6.7.8-HpCDF 2.3.4.6.7.8-HpCDF 2.3.4.7.8.9-HpCDF	0 000030 0.000015 JQ 0.000086 O 0.00014 Q 0.0000033 O 0.0000088 J 0.0000088 J 0.000011 0.00017 Q 0.000017 Q 0.000084 0.0000010 J 0.000023	C.00086 O 0.000042 0.00010 0.00015 Cl 0.000079 0.0000013 0.000013 0.00013 0.00018 l 0.00017	0.00000025 ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS
CDFs (total) 2.3.7.8-PeCDF a.4.7.8-PeCDF eCDFs (total) 2.3.4.7.8-HxCDF 2.3.6.7.8-HxCDF 2.3.7.8,9-HxCDF 3.4.6.7.8-HxCDF xCDFs (total) 2.3.4.6.7.8-HpCDF 2.3.4.6.7.8-HpCDF 2.3.4.7.8.9-HpCDF	0 000030 0.000015 JQ 0.000086 O 0.00014 Q 0.0000033 O 0.0000088 J 0.0000088 J 0.000011 0.00017 Q 0.000017 Q 0.000084 0.0000010 J 0.000023	C.00086 O 0.000042 0.00010 0.00015 Cl 0.000079 0.0000013 0.000013 0.00013 0.00018 l 0.00017	0.00000025 ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS NS NS NS NS	NS NS NS NS NS NS NS
2.3.7.8-PeCDF 3.4.7.8-PeCDF eCDFs (totat) 2.3.4.7.8-HxCDF 2.3.6.7.8-HxCDF 2.3.7.8.9-HxCDF 3.4.6.7.8-HxCDF xCDFs (totat) 2.3.4.6.7.8-HpCDF 2.3.4.7.8.9-HpCDF	0.0000015 JQ 0.000086 Q 0.00014 Q 0.0000033 0.0000098 J 0.0000098 J 0.000011 0.00017 Q 0.000017 Q 0.000084 0.0000010 J 0.000023	0.000042 0.00010 0.0015 Cl 0.000053 0.000013 0.00013 0.00013 0.00018 l	ND(0.0000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS NS NS NS	NS NS NS NS NS NS
3.4,7,8-PeCDF eCDFs (total) 2,3,4,7,8-HxCDF 2,3,6,7,8-HxCDF 2,3,7,8,9-HxCDF 3,4,6,7,8-HxCDF xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	0.0000085 O 0.00014 Q 0.0000033 0.0000033 O 0.0000098 J 0.000011 0.00017 Q 0.000017 Q 0.000084 0.0000010 J 0.000023	0.00010 0.0015 QI 0.000079 0.000053 0.000013 0.00013 0.00013 0.00018 I	ND(0.0000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS NS	NS NS NS NS NS
eCDFs (total) 2,3,4,7,8-HxCDF 2,3,6,7,8-HxCDF 2,3,7,8,9-HxCDF 3,4,6,7,8-HxCDF xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	0.00014 Q 0.0000033 0.0000033 Q 0.0000098 J 0.000011 0.00017 Q 0.0000084 0.0000010 J 0.000023	0.0015 Q 0.000079 0.000053 0.000013 0.00013 0.000181 0.00017	ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS NS	NS NS NS NS
2,3,4,7,8-HxCDF 2,3,6,7,8-HxCDF 2,3,7,8,9-HxCDF 3,4,6,7,8-HxCDF xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	C.0000033 O.0000033 Q O.0000098 J O.000011 O.00017 Q O.0000084 D.0000010 J O.000023	0.000079 0.000053 0.000013 0.00013 0.00013 0.00181 0.00017	ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026) ND(0.00000026)	NS NS NS NS	NS NS NS
2,3,6,7,8-HxCDF 2,3,7,8,9-HxCDF 3,4,6,7,8-HxCDF xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	0.0000033 Q 0.0000098 J 0.000011 0.00017 Q 0.0000084 0.0000010 J 0.000023	0.000053 0.000013 0.00013 0.00181 0.00017	ND(0.0000026) ND(0.0000026) ND(0.0000026) ND(0.0000026)	NS NS NS	NS NS
2,3,7,8,9-HxCDF 3,4,6,7,8-HxCDF xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	2.00000098 J 0.000011 0.00017 Q 0.0000084 0.0000010 J 0.000023	0.000013 0.00013 0.00181 0.00017	ND(0.0000026) ND(0.00000026) ND(0.00000026)	NS NS	NS
3.4.6.7.8-HxCDF xCDFs (total) 2.3.4.6.7.8-HpCDF 2.3.4.7.8.9-HpCDF	0.000011 0.00017 Q 0.0000084 0.0000010 J 0.000023	0.00013 0.00181 0.00017	ND(0.0000026) ND(0.00000026)	NS	
xCDFs (total) 2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	0.00017 Q 0.0000084 0.0000010 J 0.000023	0.0018 I 0.00017	ND(0.0000026)		140
2,3,4,6,7,8-HpCDF 2,3,4,7,8,9-HpCDF	0.0000084 0.0000010 J 0.000023	0.00017			NS
2,3,4,7,8,9-HpCDF	0.0000010 J 0.000023			NS	NS
	0.000023		ND(0.00000026)	NS	NS
popris (iurai)		0.00040	ND(0.00000026)	NS	NS NS
CDF		0.00012	ND(0.00000053)	NS	NS
lioxins		0.00012		119	1
3,7,8-TCDD	ND(0.00000014)	0.0000010	ND(0.00000011)	NS	NS
CDDs (total)	ND(0.00000014)	0.000022 Q	ND(0.0000037)	NS	NS
.2.3.7.8-PeCDD	ND(0.00000014)	ND(0.000037) X	ND(0.00000026)	NS	NS
eCDDs (total)	ND(0.0000026)	0.000035	ND(0.00000043)	NS	NS
2.3.4.7.8-HxCDD	ND(0.0000028) XQ	0.000035	ND(0.00000026)	NS	NS NS
,2,3,6,7,8-HxCDD	0.00000042 JQ	0.000010	ND(0.0000026)	NS	NS
2.3.7.8.9-HxCDD	0.00000027 JQ	0.0000075	ND(0.0000026)	NS	NS
x2,3,7,6,9-HxCDD IxCDDs (total)	0.0000027 5Q	0.000073	0.00000011	NS	NS NS
.2.3.4.6.7.8-HpCDD	0.0000032	0.000038	0.00000054 J	NS	NS
	0.0000032	0.00011	0.0000010	NS	NS NS
pCDDs (total)	0.000020 J	0.00023	0.000016	NS	NS
otal TEQs (WHO TEFs)	0.0000203	0.00008	0.00000037	NS	NS
	0.0000009	0.000030	0.00000007	C/I	140
norganics	4.42.5			NS	NS
ntimony	<u>1.40 B</u> 1.70	61.0 3.10	ND(6.00) 3.00	NS	NS NS
rsenic		38.0		NS	NS
anum	ND(20.0)		ND(20.0) J	NS	NS NS
eryllium	0.120 B	0.150 B 0.610	ND(0.500)	NS	NS
admium	ND(0.500) 2.90	16.0	ND(0.500) 6.20	NS NS	NS
hromium		13.0 J	5.70 J	NS	NS
obalt	ND(5.00) 9.50	83.0	26.0	NS NS	NS
Copper	9.50 ND(0.110)	ND(0.110)	ND(0.120)	NS NS	NS
yanide	4.40 J	86.0	4.90	NS	NS
ead		0.120		NS	NS NS
Aercury	ND(0.110) 6.10	20.0	ND(0.120) 9.10		
lickel	0.10 ND(1.00)	ND(1.00) J	9.10 ND(1.00)	NS NS	NS NS
ielenium	· · · · ·	ND(1.00) J ND(1.00)	ND(1.00) J	NS NS	NS NS
ilver	ND(1.00)	and the second se			and the second
sulfide	36.0	33.0 ND(1.70) 1	24.0	NS NS	NS NS
hallium	ND(1.10)	ND(1.70) J	ND(1.80) J		
in	ND(10.0)	ND(10.0)	4.00 8	NS	NS
anadium linc	ND(5.00) 21.0	<u>12.0</u> 1100	<u> </u>	NS NS	NS NS

	Averaging Area:	4A	4A	44	4 A	4A
	Sample ID:	RAA4-G11	RAA4-G14	RAA4-G17	RAA4-H3	RAA4-H7
Parameter	Sample Depth(Feet): Date Collected:	1-6 06/28/02	1-6 07/08/02	0-1 06/07/02	6-15 06/11/02	1-2 06/13/02
Volatile Orga	nics	· · · · · · · · · · · · · · · · · · ·	,	·		
1,1,1,2-Tetrac	hloroethane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1.1.1-Trichlord	bethane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1,2,2-Tetrac	hloroethane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1,2-Trichlord		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1.1-Dichloroet		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,1-Dichloroet		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1.2.3-Trichlord		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
	i-chloropropane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dibromoet		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1.2-Dichloroet		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,2-Dichloropr		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
1,4-Dioxane		NS	NS	NS	NS	ND(0.11) J [ND(0.11) J]
2-Butanone		NS	NS	NS	NS	ND(0.011) [ND(0.011)]
2-Chloro-1.3-t	utadiene	NS	NS	NS	NS	ND(0.0055) (ND(0.0055)]
2-Chloroethylv		NS NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
2-UniorDeinyk 2-Hexanone		NS	NS	NS	NS NS	ND(0.0055) [ND(0.0055)]
		NS	NS NS	NS		ND(0.011) [ND(0.011)]
3-Chloroprope			NS NS		NS	ND(0.0055) [ND(0.0055)]
4-Methyl-2-pe	nanone	<u>NS</u>		NS	NS	ND(0.011) [ND(0.011)]
Acetone		NS	NS	NS	NS	ND(0.022) J [ND(0.022) J]
Acetonitrile		NS NS	NS	NS	NS	ND(0.11) [ND(0.11)]
Acrolein		NS	NS	NS	NS	ND(0.11) J [ND(0.11) J]
Acrylonitrile		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Benzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
Bromodichloro	methane	NS	NS	NŚ	NS	ND(0.0055) [ND(0.0055)]
Bromoform		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Bromomethan		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Carbon Disulfi		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Carbon Tetrac	hloride	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chlorobenzen	0	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chloroethane		NS	NS	NS	NŜ	ND(0.0055) [ND(0.0055)]
Chloroform		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Chloromethan	0	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
cis-1,3-Dichlo	ropropene	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dibromochloro		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dibromometha	ane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Dichlorodifluo	romethane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Ethyl Methacr		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Ethylbenzene		NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
lodomethane		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Isobutanol		NS	NS	NS	NS	ND(0.11) [ND(0.11)]
Methacrylonitr	ile	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Methvi Metha		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Methylene Ch		NS	NS	NS	NS NS	ND(0.0055) [ND[0.0055)]
Propionitrile	londe	NS				ND(0.0055) [ND(0.0055)]
and the second		NS	NS NS	NS NO	NS	ND(0.011) [ND(0.011)]
Styrene Tetrankiere att				NS	NS	ND(0.00550) [ND(0.00550)]
Tetrachloroeth)ene	NS	NS	NS	NS	ND(0.0065) [ND(0.0055)]
Toluene	1	NS	NS	NS	NS	ND(0.00550) [ND(0.00550)]
trans-1,2-Dich		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
trans-1,3-Dich		NS	NŚ	NS	NS	ND(0.0055) [ND(0.0055)]
	loro-2-butene	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Trichloroether		NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Trichlorofluoro	methane	NS	NS	NS	NS	ND(0.0055) [ND(0.0055)]
vinyl Acetate		NS	NS	NS	NŚ	ND(0.0055) J [ND(0.0055) J]
Vinyl Chionde		NŠ	NS	NS	NS	ND(0.0055) [ND(0.0055)]
Xylenes (total)		NS	NS	NS	NS	NO(0.0055) [ND(0.0055)]

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	ple ID: RAA4-G11	4A RAA4-G14	4A RAA4-G17	4A RAA4-H3	4A RAA4-H7
Sample Depth		1-6	0-1	6-15	1-2 06/13/02
Parameter Date Col	lected: 06/28/02	07/08/02	06/07/02	06/11/02	Ų0/1 <i>3/</i> 02
emivolatile Organics		1		120	5 50
245-Tetrachiorobenzene	ND(1.00)	NS NS	NS NS	NS NS	NS NS
,2,4-Trichlorobenzene	ND(1.00)	NS NS	NS NS	NS	NS
,2-Dichlorobenzene	ND(1.00) ND(1.0)	NS	NS NS	NS NS	NŜ
.2-Diphenyihydrazine	ND(1.00)	NS	NS NS	NS	NS
.3-Dichlorobenzene	ND(1.00)	NS	NS	NS	NS
3-Dinitrobenzene	ND(1.00)	NS	NS	NS	NS
.4-Dichlorobenzene	ND(1.00)	NS	NS	NS	NS
.4-Naphthoquinone	ND(1.00)	NS	NS	NS	NS
-Naphthylamine	ND(1.00)	NS	NS	NS	NS
3.4.6-Tetrachiorophenol	ND(1.00)	NS	NS	NS	NS
2,4,5-Trichlorophenol	ND(1.00)	NS	NS	NS	NS
2,4,6-Trichlorophenol	ND(1.00)	NS	NS	NS	NS
4-Dichlorophenol	ND(1.00)	NŚ	NS	NS	NS
2,4-Dimethylphenol	ND(1.00)	NS	NS	NS	NS
4-Dinitrophenol	ND(5.20)	NS	NS	NS	NS
4-Dinitrotoluene	ND(1.00)	NS	NS	NS	NS NS
2,6-Dichlorophenol	ND(1.00) ND(1.00)	NS NS	NS NS	NS NS	NS NS
2,6-Dinitrotoluene 2-Acetviaminofluorene	ND(1.00)	NS NS	NS NS	NS NS	NS NS
2-Acerylaminolluorene	ND(1.00)	NS NS	NS NS	NS	NS
-Chlorophenol	ND(1.00)	NS	NS	NS	NS
2-Methylnaphthalene	0.300 J	NS	NS	NS	NS
-Methylphenol	ND(1.00)	NS	NS	NS	NS
2-Naphthylamine	ND(1.00)	NS	NS	NS	NS
2-Nitroaniline	ND(5.20)	NS	NS	NS	NS
2-Nitrophenol	ND(1.00)	NS	NS	NS	NS
2-Picoline	ND(1.00)	NS	NS	NS	NS
3&4-Methylphenol	ND(1.00)	NS	NS	NS	NS
3.3'-Dichlorobenzidine	ND(2.1) J	NS	NS	NS	NS
3,3'-Dimethylbenzidine	ND(1.00)	NS	NS	NS	NS
B-Methylcholanthrene	ND(1.00)	NS	NS	NS	NS
3-Nitroaniline	ND(5.20)	NS	NS	NS	NS
4,6-Dinitro-2-methylphenol	ND(1.00)	NS	NS	NS	NS
4-Aminobiphenyl	ND(1.00)	NS	NS	NS	NS
4-Bromophenyl-phenylether	ND(1.00)	NS NS	NS NS	NS NS	NS NS
4-Chloro-3-Methylphenol	ND(1.00) ND(1.00)	NS NS	NS NS	NS	NS
4-Chloroaniline 4-Chlorobenzilate	ND(1.00)	NS NS	NS NS	NS	NS
Chlorophenyl-phenylether	ND(1.00)	NS	NS	NS	NS
4-Nitroaniline	ND(1.80)	NS	NS	NS	NS
1-Nitrophenoł	ND(5.20)	NS	NS	NS	NS
1-Nitroquinoline-1-oxide	ND(1.00)	NS	NS	NS	NS
4-Phenylenediamine	ND(1.0) J	NS	NS	NS	NS
5-Nitro-o-toluidine	ND(1.00)	NS	NS	NS	N\$
7,12-Dimethylbenz(a)anthrac		NS	NS	NS	NS
a,a'-Dimethylphenethylamine		NS	NS	NS	NS
Acenaphthene	1.60	NS	NS	NS	NS
Acenaphthylene	ND(1.00)	MS	NS	NS	NS
Acetophenone	ND(1.00)	NS	NS NS	NS	NS
Aniline	ND(1.00)	NS	NS	NS	NS
Anthracene	1.70	NS NS	NS	NS	NS
Aramite	ND(1.00)	NS NS	NS NS	NS NS	NS NS
Benzidine	ND(2 1) J 2 20	NS NS	NS NS	NS NS	NS
Benzo(a)anthracene	3.90	NS NS	NS NS	NS NS	NS NS
Benzo(a)pyrene	3.60	NS NS	NS NS	NS	NS NS
Benzo(b)fluoranthene Benzo(g,h,i)perylene	1.80	NS	NS NS	NS	NS NS
Benzolg,n.i/perylene Benzolk)filloranthene	4.00	NS NS	NS	NS	NS
Benzyl Alcohol	ND(2.10)	NS	NS	NS	NG
bis(2-Chloroethoxy)methane	ND(1.00)	NS	NS NS	NS	NS
bis(2-Chloroethyl)ether	ND(1.00)	NS	NS	NS	NS
bis(2-Chloroisopropyl)ether	ND(1.00)	NS	NS	NIS	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4A RAA4-G11	4A RAA4-G14	4A RAA4-G17	4A RAA4-H3	4A RAA4-H7
	Sample Depth(Feet):	1-6	1-6	0-1	6-15	1-2
Parameter	Date Collected:	06/28/02	07/08/02	06/07/02	06/11/02	06/13/02
	Organics (continued)					
bis(2-Ethylhex		ND(0.520)	NŠ	I NS	NS	NS
Buty/benzylph		ND(1.00)	NS	NS	NS	NS
Chrysene		4.40	NS	NS	NS	NS
Diallate		ND(1.00)	NS	NS	NS	NS
Dibenzo(a,h)a	atbracene	ND(1.00)	NS	NS	NS	NS
Dibenzofuran		0.660 J	NS	NS	NS	NŞ
Diethylphthala	te	ND(1.00)	NS	NS	NS	NS
Dimethylphtha		ND(1.00)	NS	NS	NS	NS
Di-n-Butyiphth		ND(1.00)	NS	NS	NS	NS
Di-n-Octylphth		ND(1.00)	NS	NS	NS	NS
Diphenylamine		ND(1.0)	NS	NS	NS	NS
Ethyl Methane		ND(1.00)	NS	NS	NS	NS
luoranthene		8.00	NS	NS	NS	NS
Fluorene		1.00 J	NS	NS	NS	NS
Hexachlorobe	nzene	ND(1.00)	NS	NS	NS	NS
Hexaciniorobui	ladiene	ND(1.00)	NS	NS	NS	NS
Hexachlorocyc	clopentadiene	ND(1.00)	NS	NS	NS	NS
Hexachloroeth	ane	ND(1.00)	NS	NŚ	NS	NS
Hexachloroph	ene	ND(2.1)	NS	NS	NS	NS
Hexachloropro	ppene	ND(1.00)	NS	NS	NS	NS
Indeno(1,2,3-c	d)pyrene	1.80	NS	NS	NS	NS
sodrin		ND(1.0)	NS	NS	NS	NS
sophorone		ND(1.00)	NS	NS	NS	NS
sosafrole		ND(1.00)	NS	NS	NS	NŚ
Methapyrilene		ND(1.00)	NS	NS	NS	NS
Methyl Methai	nesulfonate	ND(1.00)	NS	NS	NS	NS
Naphthalene		1.80	NS	NS	NS	NS
Nitrobenzene		ND(1.00)	NS	NS	NS	NS
N-Nitrosodieth	iylamine	ND(1.00)	NS	NS	NS	NS
N-Nitrosodime	thylamine	ND(1.00)	NS	NS	NS	NS
N-Nitroso-di-n	-butylamine	ND(1.00)	NS	NS	NS	NS
N-Nitroso-di-n	-propylamine	ND(1.00)	NS	NS	NS	NS
N-Nitrosodíph	enylemine	ND(1.00)	NS	NS	NS	NS
N-Nitrosometh	ylethylamine	ND(1.00)	NS	NS	NS	NŜ
N-Nitrosomor		ND(1.00)	NS	NS	NS	NS
N-Nitrosopipe	ridine	ND(1.00)	NS	NS	NS	NS
N-Nitrosopyrra	blidine	ND(1.00)	NS	NS	NS	NS
o.o.o-Triethylp	hosphorothioate	ND(1.0)	NS	NS	NS	NS
o-Toluidine		ND(1.00)	NS	NS	NS	NS
	inoazobenzene	ND(1.00)	NS	NS	NS	NS
Pentachlorobe		ND(1.00)	NS	NS	NS	NS
Pentachioroet		ND(1.0)	NS	NS	NS	NS
Pentachloroni		ND(1.00)	NS	NS	NS	NŠ
Pentachloroph	nenol	ND(5.20)	NS	NS	NS	NS
Phenacetin		ND(1.00)	NS	NS	NŜ	NS
Phenanthrene		10.0	NS	NS	NS	NS
Phenol		ND(1.00)	NS	NS	NS	NS
Pronamide		ND(1.00)	NŚ	NS	NS	NS
Pyrene		10.0	NS	NS	NS	NS
Pyridine		ND(1.00)	NŚ	NS	NS	NS
Safrole		ND(1.00)	NS	NS 1	NS	NS
Thionazin		ND(1.0)	NS	NS	NS	NS

1

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4A RAA4-G11 1-6 06/28/02	4A RAA4-G14 1-6 07/08/02	4A RAA4-G17 0-1 06/07/02	4A RAA4-H3 6-15 06/11/02	4A RAA4-H7 1-2 06/13/02
Furans						
2,3,7,8-TCDF		0.0000038 Y	0.000016 Y	0.00023 Y	ND(0.00000021)	NS
CDFs (total)		0.000623	0.00016	0.0034 QI	0.0000034	NS
12.3.7.8-PeC	DF	0.0000013 J	0.0000078	0.00022	ND(0.0000020)	NS
3.4.7.8-PeC		0.0000031	0.000021	0.00073	ND(0.00000030)	NS
PeCDFs (total		0.000030 O	0.000231	0.012 QI	0.0000025 Q	NS
1,2,3,4,7,8-Hx		0.0000034	0.000016	0.00068	ND(0.0000033) X	NS
1.2.3.6.7.8-Hx	······································	0.0000020 J	0.000012	0.00050	ND(0.00000029)	NS
1.2.3.7.8.9-Hx	The second s	0.00000074 J	0.0000021J	0.000094	ND(0.0000027)	NS
2.3.4.6.7.8-Hx	CDF	0.0000039	0.000025	0.00096	ND(0.00000037)	NS
IxCDFs (total]	0.000043	0.00034	0.014	0.0000021	NS
1.2.3.4.6.7.8-1	france of the set of t	0.0000060	0.000034	0.0013 EJ	0.0000096 J	NS
1,2.3,4.7,8,9-1	······································	ND(0.00000096) X	0.0000043	0.00017	ND(0.00000027)	NS
IpCDFs (total	A DE RECENTE DE LA DE LA DESERTE DE LA DE	0.0000065	0.000078	0.0025	0.0000011	NS
DCDF		0.0000050	0.000022	0.0014	0.00000057 J	NS
Dioxins			·······			
2.3.7.8-TCDD		ND(0.00000015) X	ND(0.00000032) X	0.0000025	ND(0.0000011)	NS
CDDs (total)		0,0000026	0.0000065	0.000056 Q	0.00000013	NS
1,2,3,7,8-PeC		0.00000024 J	0.00000096 J	ND(0.000036) X	ND(0.00000011) X	NS
eCDDs (tota		0.0000038 Q	0.0000097	0.00013 Q	ND(0.00000057)	NŜ
1.2.3.4.7.8-H×		0.00000046 J	0.00000082 J	0.000017	ND(0.00000012) X	NS
1.2.3.6.7.8-Hx		0.00000071 J	0.0000015 J	0.000026	ND(0.00000018)	NS
1,2,3,7,8,9-Hx	CDD	0.00000055 J	0.0000011 J	0.000021	0.00000017 J	NS
HxCDDs (lota	l)	0.0000092	0.000021	0.00034	ND(0.00000053)	NS
1,2,3,4,6,7,8-1	HpCDD	0.0000026	0.0000074	0.00013	ND(0.0000012)	NS
IpCDDs (tota	i)	0.0000053	0.000017	0.00026	0.0000026	NS
COD		0.000013	0.000086	0.00055	0.000017	NS
Total TEQs (V	VHO TEFs)	0.0000036	0.000020	0.00067	0.0000031	NS
norganics					•••••••••••••••••••••••••••••••••••••••	
Antimony		ND(6.00)	NS	NS	ND(6.00)	NS
Arsenic		6.50	NS	NS	4.80	NS
Barium		55.0	NS	NS	35.0	NS
Servilium		ND(0.500)	NS	NS	ND(0.500)	NS
Cadmium		ND(0.500)	NS	NS	ND(0.500)	NS
Chromium		7.80	NS	NS	11.0	NS
Cobalt	· · · · · · · · · · · · · · · · · · ·	6.40 J	NS	NS	8,60 J	NS
Copper		81.0	NS	NS	36.0	NS
Cyanide		ND(0.100)	NS	NS	ND(0.130)	NS
ead		100	NS	NS	41.0	NS
Mercury		0.200	NS	NS	ND(0.130)	NS
Vickel	· · · · · · · · · · · · · · · · · · ·	11.0	NS	NS	19.0	NS
Selenium		ND(1.00) J	NS	NS	ND(1.00) J	NS
Silver		ND(1.00) J	NS	NS	ND(1.00)	NS
Sulfide		39.0	NS	NS	81.0	NS
Thallium		ND(1.60) J	NS	NS	ND(1.80)	NS
Tin		ND(12.0)	NS	NS	63.0	NS
Vanadium		6.00	NS	NS	15.0	NS
Zinc		180 J	NS	NS	72.0	NS

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

Averaging Area:	4A	4A	4A	
Sample ID:	RAA4-H7	RAA4-I3	RAA4-15	RAA4-15
Sample Depth(Fcet):	1-6	0-1	6-15	8-10 07/03/02
Parameter Date Collected:	06/13/02	06/24/02	07/03/02	07/03/02
/olatile Organics			110	
1.1.1.2-Tetrachloroethane	NS	ND(0.0060)	NS	ND(0.0069)
1,1,1-Trichioroethane	NS	ND(0,0060)	NS	ND(0.0069) ND(0.0069)
1,1,2,2-Tetrachloroethane	NS NS	ND(0.0060)	NS NS	ND(0.0069)
1,1,2-Trichloroethane	NS	ND(0.0060)	NS NS	ND(0.0069)
1,1-Dichloroethane	NS	ND(0.0060) ND(0.0060)	NS NS	ND(0.0069)
t,1-Dichloroethene	NS NS	ND(0.0060)	NS	ND(0.0069
1,2,3-Trichloropropane	NS	ND(0.0060)	NS	ND(0.0069)
1,2-Dibromo-3-chloropropane	NS	ND(0.0060)	NS	ND(0.0069
1,2-Dibromoethane	NS	ND(0.0060)	NS	ND(0.0069
1.2-Dichloroethane	N\$	ND(0.0060)	NS	ND(0.0069
1,2-Dichloropropane	NS	ND(0.12) J	NS	ND(0.14) J
1.4-Dioxane	NS	ND(0.012)	NS	ND(0.014)
2-Butanone	NS	ND(0.0060)	NS	ND(0.0069
2-Chloro-1,3-butadiene	NS	ND(0.0060)	NS	ND(0.0069
2-Chloroethylvinylelher 2-Hexanone	NS	ND(0.012)	NS	ND(0.014)
2-Hexanone 3-Chioropropene	NS	ND(0.0060)	NS	ND(0.0069
4-Methyl-2-pentanone	NS	ND(0.012)	NS	ND(0.014)
Acetone	NS	ND(0.024)	NS	ND(0.028)
Acetonitrile	NS	ND(0.12)	NS	ND(0.14)
Acetoniane	NS	ND(0.12) J	NS	ND(0.14) J
Acrylonitriie	NŠ	ND(0.0060)	NS	ND(0.0069
Benzene	NS	ND(0.00600)	NS	ND(0.00690
Bromodichloromethane	NS	ND(0.0060)	NS	ND(0.0069
Bromoform	NS	ND(0.0060)	NS	ND(0.0069
Bromomethane	NS	ND(0.0060)	NS	ND(0.0069
Carbon Disulfide	NS	ND(0.0060)	NS	ND(0.0069
Carbon Tetrachloride	NS	ND(0.0060)	NS	ND(0.0069
Chlorobenzene	NS	ND(0.0060)	NS	ND(0.0069
Chloroethane	NS	ND(0.0060)	NS	ND(0.0069
Chloroform	NS	ND(0.0060)	NS	ND(0.0069
Chloromethane	NS	ND(0.0060)	NS	ND(0.0069
cis-1,3-Dichloropropene	NS	ND(0.0060)	NS	ND(0.0069
Dibromochloromethane	NS	ND(0.0060)	NS	ND(0.0069
Dibromomethane	NS	ND(0.0060)	NS	ND(0.0069
Dichlorodifluoromethane	NS	ND(0.0060)	NS	ND(0.0069
Ethyl Methacrylate	NS	ND(0.0060)	NS	ND(0.0069
Ethylbenzene	NS	ND(0.00600)	NS	2.00
Iodomethane	NS	ND(0.0060)	NS	ND(0.0069
Isobutanol	NS	ND(0.12)	NS	ND(0.14)
Methacrytonitrile	NS	ND(0.0060)	NS	ND(0.0069
Methyl Methacrylate	NS	ND(0.0060)	NS	ND(0.0069
Methylene Chloride	NS	ND(0.0060)	NŚ	ND(0.0069
Propionitrile	NS	ND(0.012)	NS	ND(0.014)
Styrene	NS	ND(0.00600)	NS	ND(0.00690
Tetrachloroethene	NS	ND(0.0060)	NS	ND(0.0069)
Toluene	NS	ND(0.00600)	NS	0.0190
trans-1,2-Dichloroethese	NS	ND(0.0060)	NS	ND(0.0069
trans-1,3-Dichloropropene	NS	ND(0.0060)	NS	ND(0.0069
trans-1,4-Dichloro-2-butene	NS	ND(0.0060)	NS	ND(0.0069)
Trichloroethene	NS	ND(0.0060)	NS	ND(0.0069
Trichlorofluoromethane	NS	ND(0.0060)	NS	ND(0.0069
Vinyl Acetate	NS	ND(0.0050)	NS	ND(0.0069
Vinyl Chloride	NS	ND(0.0060)	NS	ND(0.0069
Xylenes (total)	NS	ND(0.0060)	NS	13

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4Å RAA4-H7	4A RAA4-13	4A RAA4-15	4A RAA4-15
Sample Depth(Feet):	1-6	0-1	6-15	8-10
Parameter Date Collected:	06/13/02	06/24/02	07/03/02	07/03/02
emivolatile Organics				
,2,4,5-Tetrachlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
,2,4-Trichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
,2-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
.2-Diphenylhydrazine	ND(0.37) [ND(0.35)]	ND(0.40)	ND(0.46)	NS
,3,5-Trinitrobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3-Dinitrobenzene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.936)	NS
4-Dichlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
.4-Naphthoquinone	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
-Naphtbylamine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2,3,4,6-Tetrachlorophenoł	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4,5-Trichtorophenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4,6-Trichlorophenoi	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Dichlorophenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,4-Dimethylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	0.410 J	NS
4-Dinitrophenol	ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
2.4-Dinitrotoluene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
6-Dichlorophenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2,6-Dinitrotoluene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Acetylaminofluorene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Chloronaphthalene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46) J	NS
2-Chlorophenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylnaphthalene	0.0840 J [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Methylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
2-Naphthylamine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Nitroaniline	ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS
2-Nitrophenol	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
2-Picoline	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3&4-Methylphenol	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3,3'-Dichlorobenzidine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3,3'-Dimethyibenzidine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
3-Methylcholanthrene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
3-Nitroaniline	ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40)	NS NS
4,6-Dinitro-2-methylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
4-Aminobiphenyi	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
I-Bromophenyl-phenylether	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
I-Chloro-3-Methylphenol	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chloroaniline	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
4-Chlorobenzilate	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
-Chlorophenyl-phenylether	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
1-Nitroaniline	ND(1.90) [ND(1.90)] ND(1.90) [ND(1.90)]	ND(2.00)	ND(2.40) ND(2.40)	NS NS
4-Nitrophenol	ND(0.740) [ND(0.730)]	ND(2.00) ND(0.810)	ND(2.40)	NS NS
4-Nitroquinoline-1-oxide	ND(0.74) J [ND(0.73) J]	ND(0.81) J	ND(0.93) J	NS NS
4-Phenylenediamine	ND(0.740) [ND(0.730)]	ND(0.81) J ND(0.810)	ND(0.930)	NS
5-Nitro-o-toluidine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
7.12-Dimethylbenz(a)anthracene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
a,a'-Dimethylphenethylamine	ND(0.370) [ND(0.360)]	0.220 J	ND(0.460)	NS NS
Acenaphthene	0.550 [ND(0.360)]	ND(0 400)	ND(0.460)	NS NS
Acenaphthylene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Acetophenone	ND(0.370) [ND(0.360)]	1.90	ND(0.460)	NS NS
Aniline	0.300 J [ND(0.360)]	0,410	ND(0.460)	NS
Anthracene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
Aramite	ND(0.74) [ND(0.73)]	ND(0.810)	ND(0.930) J	NS NS
Benzidine	2.0 J (0.35 J)	0.880	ND(0.93) J ND(0.450)	NS NS
Benzo(a)anthracene	2.9 J [0.35 J]	0.820	ND(0.450)	NS
Benzo(a)pyrong	and the second			NS NS
Benzo(b)fiuoranthene	2.5 J [0.50 J]	1.00	ND(0.460)	
Benzo(g.h.l)perylene	3 4 J [0.27 J]	0.340 J	ND(0.460)	NS NC
Benzo(k)/Juoranthene	2.3 J [0 42 J]	0.740 NEVA 9105	ND(0.450)	NS NO
Senzyi Alcohol	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
bis(2-Chloroethoxy)methane	ND(0.370) [ND(0.360)] ND(0.370) [ND(0.360)]	ND(0.406) ND(0.400)	ND(0.450) ND(0.460)	NS NS
	ANTE AFE NOTES CONSECTOR AMOUNTS	E Event(1,442422)	NERL ABLE	2 PUN

V:\CE_Pittsfield_CD_ESA_2_South_ConfidentiafNotes and Data\PDI DATA5.xls Table B-1 (A) Page 10 of 197

Averaging Area:	4A	4A	4 A	4A
Sample ID:	RAA4-H7	RAA4-13	RAA4-15	RAA4-15
Sample Depth(Feet):	1-6	0-1	6-15	8-10
Parameter Date Collected:	06/13/02	06/24/02	07/03/02	07/03/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.360) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Butylbenzylphthalate	ND(0.370) [ND(0.360)]	ND(0.460)	ND(0.460)	NS
Chrysene	2.0 J [0.40 J]	0.930	ND(0.460)	NS
Dialiate	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Dibenzo(a.h)arithracene	0.820 [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dibenzofuran	ND(0.370) [ND(0.360)]	0.110 J	ND(0.460)	NS
Diethylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Dimethylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Di-n-Butylphthalate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Di-n-Octylphthalate	ND(0.370) [ND(0.360)] ND(0.37) [ND(0.36)]	ND(0.400) ND(0.40)	ND(0.460) ND(0.46)	NS NS
Diphenylamine Ethyl Methanesulfonate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46)	NS NS
-luoranthene	2.5 J [0.55 J]	2.00	ND(0.460)	NS NS
fuorene	ND(0.370) [ND(0.360)]	0.160 J	ND(0.460)	NS NS
Hexachlorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Hexachlorobutadiene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Hexachlorocyclopentadiene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Hexachloroethane	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.46) J	NS
Hexachlorophene	ND(0.74) [ND(0.73)]	ND(0.81)	ND(0.93)	NS
Hexachloropropene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Indeno(1,2,3-cd)pyrene	2.1 J [0.19 J]	0.270 J	ND(0.460)	NS
sodrin	ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
Isophorone	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Isosafrole	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Methapyrilene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
Methyl Methanesulfonate	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Naphthaiene	0.250 J [ND(0.360)]	ND(0.400)	ND(0.460)	NŚ
Nitrobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodiethylamine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodimethylamine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitroso-di-n-butylamine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
N-Nitroso-di-n-propylamine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosodiphenylamine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosomethylethylamine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
N-Nitrosomorpholine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosopiperidine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
N-Nitrosopyrrolidine	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS
o.o.o-Triethylphosphorothicate	ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS
o-Toluidine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
p-Dimethylaminoazobenzene	ND(0.740) [ND(0.730)]	ND(0.810)	ND(0.930)	NS NS
Penlachiorobenzene	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Pentachloroethane	ND(0.37) (ND(0.36)]	ND(0.40)	ND(0.46)	NS NS
Pentachioronitrobenzene	ND(0.740) [ND(0.730)]	ND(0,810)	ND(0.930) ND(2.40)	NS NS
Pentachiorophenol	ND(1.90) [ND(1.90)] ND(0.740) [ND(0.730)]	ND(2.00)		
Phenacetin	0.73 J (0.19 J]	ND(0.810) 2.00	ND(0.930) ND(0.460)	NS NS
Phenanthrene Phenad	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Phenol Pronamide	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Pronamioe Pwrene	3.2 J [0.63 J]	3.00	ND(0.460)	NS NS
Pyridine	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS NS
Safrole	ND(0.370) [ND(0.360)]	ND(0.400)	ND(0.460)	NS
Thionazin	ND(0.37) [ND(0.36)]	ND(0.40)	ND(0.46)	NS

Averaging Area: Sample ID:	RAA4-H7	4A RAA4-13	4A RAA4-15	4A RAA4-15
Sample Depth(Feet): Parameter Date Collected:		0-1 06/24/02	6-15 07/03/02	8-10 07/03/02
Furans				
2,3,7,8-TCDF	0.00000018 J [ND(0.00000032) X]	0.000028 Y	ND(0.00000018)	NS
TCDFs (total)	0.0000020 [0.0000012]	0.00024	ND(0.00000018)	NS
1,2,3,7,8-PeCDF	0.00000012 J [ND(0.00000014) X]	0.000014	ND(0.00000012) X	NS
2,3,4,7,8-PeCDF	0.00000022 J [0.00000022 J]	0.000024	ND(0.00000015) X	NS
PeCDFs (total)	0.0000012 Q (0.0000016 Q)	0.00031 QI	0.00000050	NS
1,2,3,4,7,8-HxCDF	0.00000014 J [0.00000050 J]	0.000026	ND(0.0000032)	NS
1.2,3,6,7,8-HxCDF	ND(0.00000018) X [0.00000043 J]	0.000011	0.00000014 J	NS
1,2,3,7,8,9-HxCDF	ND(0.0000023) [ND(0.0000022)]	0.0000035	ND(0.0000032)	NS
2.3,4,6,7,8-HxCDF	ND(0.00000012) X [0.00000022 J]	0.000018	0.000000048 J	NS
HxCDFs (total)	0.00000058 J [0.0000021 J]	0.00028	0.00000019	NS
1,2,3,4,6,7,8-HpCDF	0.00000034 J [0.00000088 J]	0.000040	ND(0.00000018) X	NS
1,2,3,4,7,8,9-HpCDF	ND(0.0000023) [ND(0.00000023)]	0.0000068	ND(0.00000032)	NS
HpCDFs (total)	0 00000042 J [0.0000011 J]	0.000084	ND(0.00000032)	NS
OCDF	0.00000055 J [0.0000011 J]	0.000045	ND(0.00000064)	NS
Dioxins		0.000010	112.10.000000000	
2,3,7,8-TCDD	ND(0.00000018) (ND(0.000000088))	ND(0.00000038) X	ND(0.00000016)	NS
TCDDs (total)	ND(0.0000026) (0.00000071)	0.0000058	ND(0.00000040)	NS
1,2,3,7,8-PeCDD	ND(0.00000023) [ND(0.00000022)]	ND(0.0000012) X	ND(0.00000032)	NS
PeCDDs (total)	0.00000043 [ND(0.00000035)]	0.0000088	ND(0.00000052)	NS NS
1,2,3,4,7,8•HxCDD	ND(0.00000023) (ND(0.00000022))	0.0000085	ND(0.00000032)	NS NS
1,2,3,6,7,8-HxCDD	ND(0.00000013) X [ND(0.00000022)]	0.0000017 J	ND(0.00000032)	NS
1,2,3,7,8,9-HxCDD	0.00000012 J [ND(0.00000022)]	0.0000022 J	ND(0.00000032)	NS NS
HxCDDs (lotal)	0.0000012 J [0.00000054 J]	0.000030	ND(0.00000032)	
1,2,3,4,6,7,8-HpCDD	0.0000016 J [ND(0.0000012) X]	0.000030	0.0000010 J	NS
HpCDDs (total)	0.0000036 J [0.0000012] X]	0.000033		NS
	0.000071 J [0.000036 J]	0.00083	0.0000023	NS
Total TEQs (WHO TEFs)	0.00000044 [0.00000046]	0.00030		NS
	0.0000044 [0.0000048]	0.000024	0.0000040	NŚ
				· · · · · ·
Antimony	1.00 B [ND(6.00)]	6.10	ND(6.00)	NS
Arsenic	6.30 [6.40]	5.60	2,90	NS
Barium	25.0 [28.0]	44.0	74.0	NS
Beryllium	ND(0.500) [ND(0.500)]	ND(0.500)	0.560	NS
Cadmium	ND(0.500) [0.160 B]	ND(0.500)	ND(0.500)	NS
Chronium	7.00 [7.20]	10.0	14.0	NS
Cobalt	6.40 [7.30]	6.60	9.40	NS
Copper	20.0 [21.0]	120	23.0	NS
Cyanide	ND(0.220) [ND(0.220)]	0.110 B	ND(0.140)	NS
Lead	76.0 [56.0]	46.0	13.0	NS
Mercury	0.280 J [ND(0.110) J]	0.390	0.0560 B	NS
	12.0 [13.0]	12.0	15.0	NS
Selenium	ND(1.00) J [ND(1.00) J]	ND(1.00)	ND(1.00)	NS
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	NS
Suifide	65.0 [75.0]	35.0	250	NS
Thallium	1,50 J (1.50 J)	ND(1.80)	1.80 B	NS
	ND(10.0) [ND(10.0)]	ND(10.0)	ND(5.50)	NS
Vanadiuกา	9.90 (9.00]	21.0	16.0	NS
Zinc	48.0 [40.0]	140	55.0	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4A	4A	4A	· 4A	
Sample ID:	RAA4-19	RAA4-113	RAA4-113	RAA4-115	RAA4-K3
Sample Depth(Feet): Parameter Date Collected:	0-1 06/17/02	0-1 07/02/02	6-15 07/02/02	0-1 04/25/02	1-6 06/11/02
/olatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,1-Trichloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,2,2-Tetrachloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1,2-Trichloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1-Dichloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,1-Dichloroethene	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2,3-Trichioropropane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dibromoethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dichloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,2-Dichloropropane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
1,4-Dioxane	ND(0.11) J	ND(0.10) J	NS	ND(0.11) J	NS
2-Butanone	ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
2-Chloro-1,3-butadiene	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
2-Chloroethylvinylether	ND(0.0057)	ND(0 0052)	NS	ND(0.0057) J	NS
2-Hexanone	ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
3-Chloropropene	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NŚ
I-Methyl-2-pentanone	ND(0.011)	ND(0.010)	NS	ND(0.011)	NS
Acetone	ND(0.023)	ND(0.021)	NS	ND(0.023)	NS
Acetonitrile	ND(0.11)	ND(0.10)	NS	ND(0.11) J	NS
Acrolein	ND(0.11) J	ND(0.10) J	NS	ND(0.11) J	NS
Acrylonitrile	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Benzene	ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
Bromodichloromethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Bromotorm	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Bromomethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Carbon Disulfide	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Carbon Tetrachloride	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chiorobenzene	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chloroethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chioroform	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Chioromethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
cis-1,3-Dichloropropene	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dibromochloromethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dibromomethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Dichlorodifluoromethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057) J	NS
Ethyl Methacrylate	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS
Ethylbenzene odomothogo	ND(0.00570)	ND(0.00520)	NS	ND(0.00570)	NS
odomethane	ND(0.0057)	ND(0.0052) ND(0.10)	NS	ND(0.0057)	NS
sobutanol Aotheopetapitele	ND(0.11) J	ND(0.0052)	NS	ND(0.11)	NS
Methacrylonitrile Methyl Methacrylate	ND(0.0057) ND(0.0057)		NS	ND(0.0057)	NS
	ND(0.0057)	ND(0.0052) ND(0.0052)	NS NS	ND(0.0057)	NS NC
Methylene Chloride			NS NS	ND(0.0057)	NS
Propionitrile Styrene	ND(0.011) ND(0.00570)	ND(0.010) ND(0.00520)	NS	ND(0.011) ND(0.00570)	NS
Fetrachloroethene	ND(0.00570)	ND(0.00520)	NS NS	ND(0.00570)	NS NS
foluene	ND(0.00570)	ND(0.00520)	NS	ND(0.0057)	NS NS
rans-1,2-Dichloroethene	ND(0.0057)	ND(0.0052)	NS NS	ND(0.00570)	NS NS
rans-1,3-Dichloropropene	ND(0.0057)	ND(0.0052) ND(0.0052)	NS	ND(0.0057)	NS NS
rans-1,3-Dichloropropene rans-1,4-Dichloro-2-butene	ND(0.0057)	ND(0.0052) J	NS	ND(0.0057)	NS NS
Trichloroethene	ND(0.0057)	ND(0.0052)	NS NS	ND(0.0057)	
Trichlerofluoromethane	ND(0.0057)	ND(0.0052)	NS	ND(0.0057)	NS NS
	ND(0.0057)	ter anno an ann an ann an ann an ann an ann an		- (
Vinyl Acetate Vinyl Chloride		ND(0.0052) ND(0.0052)	NS NC	ND(0.0057) ND(0.0057)	NS
VIEV: NATIONALIS	ND(0.0057)	(NL/N/0022) i	NS	3 NL/(0.0007) †	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging A Sampi Sample Depth(F	e ID: RAA4-19 eet); 0-1	4A RAA4-113 0-1	4A RAA4-113 6-15	4A RAA4-I15 0-1	4A RAA4-K3 1-6
Parameter Date Collect	cted: 06/17/02	07/02/02	07/02/02	04/25/02	06/11/02
emivolatile Organics					1122/17 (201
.2.4.5-Tetrachiorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
,2,4-Trichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
.2-Dichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400) ND(0.40)
,2-Diphenylhydrazine	ND(7,4)	ND(0.38)	NS	ND(0.57) ND(0.570)	ND(0.40) ND(0.400)
.3.5-Trinkrobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
,3-Dichlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.790)
.3-Dinitrobenzene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.400)
4-Dichiorobenzene	ND(7.40)	ND(0.380)	NS NS	ND(0.760)	ND(0.790)
4-Naphthoquinone	ND(7.40)	ND(0.700)	NS NS	ND(0.760)	ND(0.790)
-Naphthylamine	ND(7.40)	.ND(0.700)	NS	ND(0.570)	ND(0.400)
.3.4.6-Tetrachlorophenol	NO(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4,5-Trichlarophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
2,4,6-Trichlarophenol	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
4 Dichlorophenol	ND(7.40)	ND(0.380)			ND(0.400)
2.4-Dimethylphenol	23.0	ND(0.380)	NS NS	4.00 ND(2.80)	ND(0.400) ND(2.00)
2,4-Dinitrophenol	ND(37.0)	ND(1.90)	NS NS	ND(2.80) ND(0.570)	ND(2.00) ND(0.400)
4-Dinitrotoluene	ND(7.40)	ND(0.380)			ND(0.400)
2,6-Dichlorophenol	ND(7.40)	ND(0.380)	NS	ND(0.570) ND(0.57) J	ND(0.400)
6-Dinitrotoluene	ND(7.40)	ND(0.380)	NS NS	ND(0.57) J ND(0.760)	ND(0.400) ND(0.790)
2 Acetylaminofluorene	ND(7.40)	ND(0.700)	NS	ND(0.760) ND(0.570)	ND(0,790) ND(0,400)
2-Chloronaphthalene	ND(7.40)	ND(0.380)	NS NS	ND(0.570) ND(0.570)	ND(0.400)
2-Chlorophenol	ND(7.40)	ND(0.380)	NS NS	ND(0.570) ND(0.570)	ND(0.400)
2-Methylnaphthalene	ND(7.40)	ND(0.380)		3.40	ND(0.400)
2-Methylphenol	15.0	ND(0.380)	NS	and the second	ND(0.400)
2-Naphthylamine	ND(7.40)	ND(0.700)	NS NS	ND(0.760) ND(2.80)	ND(0.790) ND(2.00)
2-Nitroaniline	ND(37.0)	ND(1.90)		the second second with the second sectors and the second s	ND(2.00) ND(0.790)
2-Nitrophenol	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.400)
2-Picoline	ND(7 40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
3&4-Methylphenol	28.0	ND(0.700)	NS	5.40 ND(1.10)	ND(0.790)
3,3'-Dichlorobenzidine	ND(15.0)	ND(0.76) J	NS		ND(0.790)
3,3'-Dimethylbenzidine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.490)
3-Methylcholanthrene	ND(7.40)	ND(0.700)	NS	ND(0.760) ND(2.80)	ND(0.790)
3-Nitroaniline	ND(37.0)	ND(1.90)	NS		
4.6-Dinitro-2-methylphenol	ND(7.40)	ND(0.380)	NS	ND(0.570) ND(0.760)	ND(0.400) ND(0.790)
4-Aminobiphenyl	ND(7.40)	ND(0.700)	NS	ND(0.760) ND(0.570)	ND(0.400)
4-Bromophenyl-phenylether	ND(7.40)	ND(0.380)	NS NS	ND(0.570)	ND(0.400)
4-Chloro-3-Methylphenol	ND(7.40)	ND(0.380) ND(0.380)	NS NS	ND(0.570)	ND(0.400)
4-Chloroaniline	ND(7.40)	American and a second sec	NS	ND(0.570) ND(0.760)	ND(0.790)
4-Chlorobenzilate	ND(7.40)	ND(0.700) ND(0.380)	NS	ND(0.570)	ND(0.400)
4-Chlorophenyl-phenylether	ND(7.40)			ND(1.90)	ND(2.00)
4-Nitroaniline	ND(7.4) J	ND(1.80)	NS NS	ND(1.90) ND(2.80)	ND(2.00)
4-Nitrophenoi	ND(37.0)	ND(1.90)	NS NS	ND(2.80) ND(0.760)	ND(2.00) ND(0.790)
4-Nitropuinoline-1-oxide	ND(7.40)	ND(0.700)		ND(0.760) ND(0.76) J	ND(0.790) J
4-Phenylenediamine	ND(7,4) J	ND(0.70) J	NS NS	ND(0.76) J ND(0.760)	ND(0.79()
5-Nitro-o-toluidine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
7,12-Dimethylbenz(a)anthracen		ND(0.700)	NS NS	ND(0.760)	ND(0.790)
a,a'-Dimethylphenethylamine	ND(7.40)	ND(0.700)	and the second	0.420 J	ND(0.400)
Acenaphthene	2.50 J	ND(0.380)	NS NS	0.420 J	ND(0.400)
Acenaphthylene	ND(7.40)	ND(0.380)	NS NS	0,150 J 0.470 J	ND(0.400)
Acetophenone	ND(7.40)	ND(0.380)			ND(0.400)
Andiane	<u> </u>	ND(0.380)	NS NG	66.0	ND(0.400)
Anthracene	6.10 J	ND(0.380)	NS	ND(0.760)	ND(0.790)
Aramite	ND(7.40)	ND(0.700)	NS		
Benzidine	ND(15) J	ND(0.76) J	NS	ND(1.1)	ND(0.79) J
Benzo(a)anihracene	11.0	ND(0.380)	NS NS	6.00	ND(0.400)
Senzo(a)pyrene	10.0	ND(0.390)	NS	7 00	NE(0.400)
Benzolb)fluoranthene	9.50	ND(0.389)	NS	6.30	ND(0,400)
Benzolg.h.;)perylene	5.70 J	ND(0.380)	NS NG	5.20	ND(0.400)
Benzo(k)fluoranthene	8.20	ND(0.380)	NS	6.00	ND(0.400)
Benzyl Aicohol	ND(15) J	ND(0.760)	NS	NO(1.10)	ND(0,790)
his(2-Chiorcethoxy)methane	ND(7.40)	NO(0.380)	NS	ND(0.570)	ND(0.460)
bis(2-Chloroethyl)ether	ND(7 40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
bis(2-Chioroisopropyl)ether	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.40) J

V/GE_Pittatiesd_CD_ESA_2_Sourin_Confidentia/Notes and Data/PDI DATA8 xis Table B-1 (A) Page 14 of 197

Averaging Area: Sample ID:	4A RAA4-19	4A RAA4-I13	4A RAA4-113	4A RAA4-115	4A RAA4-K3
Sample Depth(Feet):	0-1	0-1	6-15	0-1	1-6
Parameter Date Collected:	06/17/02	07/02/02	07/02/02	04/25/02	06/11/02
semivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	ND(3.70)	ND(0.340)	NS	ND(0.370)	ND(0.390)
Butylbenzylphthalate	ND(7.40)	ND(0.380)	N\$	ND(0.570)	ND(0.400)
Chrysene	9.10	ND(0.380)	NS	5.70	ND(0.400)
Dialiate	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Dibenzo(a,h)anthracene	ND(7.40)	ND(0.380)	NS	1.70	ND(0.400)
Dibenzofuran	ND(7.40)	ND(0.380)	NS	0.230 J	ND(0.400)
Diethyiphthalate	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Dimethylphthalate	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Di-n-ButyIphthalate	2.20 J	ND(0.380)	NS	0.470 J	ND(0.400)
Di-n-Octylphthalate	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Diphenylamine	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Ethyl Methanesulfonate	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Luoranthene	24.0	ND(0.380)	NS	10.0	ND(0.400)
Fluorene	2.80 J	ND(0.380)	NS	0.530 J	ND(0.400)
Hexachlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
lexachlorobutadiene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachlorocyclopentadiene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
lexachioroethane	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Hexachlorophene	ND(15)	ND(0.76)	NS	ND(1.1)	ND(0.79)
Hexachloropropene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
ndeno(1,2,3-cd)pyrene	5.00 J	ND(0.380)	NS	5.70	ND(0.400)
sodrin	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
sophorone	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
sosafrole	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Methapynlene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Methyi Methanesulfonate	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Naphthalene	2.70 J	ND(0.380)	NS	0.320 J	ND(0.400)
Nitrobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodiethylamine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodimethylamine	ND(7.40)	ND(0.380)	ŃŚ	ND(0.570)	ND(0.400)
N-Nitroso-di-n-butylamine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
N-Nitroso-di-n-propylamine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosodiphenylamine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosomethylethylamine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
N-Nitrosomorpholine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosopiperidine	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
N-Nitrosopyrrolidine	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
o,o,o-Triethylphosphorothioate	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
o-Toluidine	38.0	ND(0.380)	NS	ND(0.570)	ND(0.400)
p-Dimethylaminoazobenzene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Pentachlorobenzene	ND(7.40)	ND(0.380)	NS	ND(0.570)	ND(0.400)
Pentachloroethane	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)
Pentachloronitrobenzene	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Pentachlorophenol	ND(37.0)	ND(1.90)	NS	ND(2.80)	ND(2.00)
Phenacetín	ND(7.40)	ND(0.700)	NS	ND(0.760)	ND(0.790)
Phenanthrene	25.0	ND(0.380)	NŚ	5,80	ND(0.400)
Phenol	73.0	ND(0.380)	NS	12 EJ	ND(0.400)
Pronamide	ND(7.40)	ND(0.380)	NS	ND(0 570)	ND(0,400)
Pyrene	29.0	ND(0.380)	NS	8.20	ND(0.400)
Pyridine	ND(7.40)	ND(0.380)	NS	ND(0.576)	ND(0.400)
Safrole	ND(7.40)	ND(0.380)	NŚ	ND(0.570)	ND(0.400)
Thionazin	ND(7.4)	ND(0.38)	NS	ND(0.57)	ND(0.40)

Averaging Area Sample ID Sample Depth(Feet) Parameter Date Collected	RAA4-19 0-1	4A RAA4-113 0-1 07/02/02	4A RAA4-113 6-15 07/02/02	4A RAA4-115 0-1 04/25/02	4A RAA4-K3 1-6 06/11/02
Furans					
2,3,7,8-TCDF	0.000079 Y	0 0000054 Y	0.0000026 Y	0.000019 Y	0.00000066 J
TCDFs (total)	0.00065 Q	0.0000791	0.000024	0.00031	0.0000062
1,2,3,7,8-PeCDF	0.000049	0.0000041	0.0000014 J	0.0000056	ND(0.0000032)
2,3,4,7,8-PeCDF	0.000076	0.000017	0.0000027	0.000012	ND(0.00000041)
PeCDFs (total)	0.00065 QI	0 00017 I	0.000025	0.00041	0.6000649
1,2,3,4,7,8-HxCDF	0.000055	0.0000093	0.0600031	0.000025	0.00000050 J
1,2,3,6,7,8-HxCDF	0.000035	0.0000067	0.0000018 J	0.000012	ND(0.00000030)
1,2,3,7,8,9-HxCDF	0.0000074 Q	0.0000021 J	0.00000048 J	ND(0.0000051) X	0.00000067 J
2,3,4,6.7,8-HxCDF	0.000059	0.000014	0.0000024 J	0.000624	ND(0.00000034)
HxCDFs (total)	0.00078 Q	0.00018	0.000033	0.00040	0.0000033
1.2.3.4.6.7.8-HpCDF	0.000087	0.000016	0.0000044	0.000035	0.00000080 J
1,2,3,4.7,8,9-HpCDF	0.000012	0.0000029	0.00000084 J	0.0000042 J	ND(0.00000010) X
HpCDFs (totał)	0.00019	0.000042	0.000010	0 000094	0.0000012
OCDF	0 000070	0.0000097	0.0000037 J	0.000039	0.00000083 J
Dioxins					
2,3,7,8-TCDD	0.00000061 JQ	0.00000016 J	ND(0.00000016) X	0.00000035 J	ND(0.000000098)
TCDDs (total)	0.000031 Q	0.0000015	0.00000046	0.0000052	0.00000013
1,2,3,7,8-PeCDD	ND(0.0000038) X	ND(0.00000057) X	ND(0.00000027)	0.0000011 J	ND(0.00000013) X
PeCDDs (total)	0.000038 Q	0.0000032	0.0000011	0.0000046	ND(0.00000042)
1,2,3,4,7,8-HxCDD	0.0000037	0.00000034 J	0.00000015 J	0.0000011 J	ND(0.000000073) X
1,2,3,6,7,8-HxCDD	0.000011	0.0000010 J	0.00000022 J	0.0000039 J	ND(0.00000011) X
1,2,3,7,8,9-HxCDD	0.0000066	0.00000065 J	ND(0.00000018) X	0.0000026 J	ND(0.00000011)
HxCDDs (total)	0.00010	0.000010	0.0000023	0.000060	ND(0.00000052)
1,2,3,4,6,7,8-HpCDD	0.000068	0.0000040	0.0000011 J	0.00011	ND(0.00000078)
HpCDDs (total)	0.00015	0.0000086	0.0000021	0.00089	0.0000016
OCDD	0.00042	0.000022	ND(0.0000058)	0.0011	0.0000099
Total TEQs (WHO TEFs)	0.000070	0.000013	0.0000028	0.000018	0.00000041
Inorganics	· · · · · · · · · · · ·				
Antimony	15,0	ND(6.00)	NS	6.60 J	ND(6.00)
Arsenic	6.50	3.50	NS	25.0 J	1.50 J
Barium	86.0	ND(20.0) J	NS	23.0 J	21.0
Beryillum	ND(0.500)	0 0990 8	NS	0.140 B	ND(0.500)
Cadmium	0.740	ND(0.500)	NS	0.530	ND(0.500)
Chromium	11.0	3.00	N\$	7.20	9.00
Cobalt	8.70	24.0 J	NS	5.00	9.10 J
Copper	93.0 J	16.0	NS	97.0	19.0
Cyanide	0.280 J	ND(0.210)	NS	ND(0.110)	ND(0.120)
Lead	110	5.30	NS	50.0 J	15.0
Mercury	0.470	ND(0.100)	NS	0.540	ND(0.120)
Nicket	12.0	22.0	NS	10.0 J	15.0
Selenium	ND(1.00) J	ND(1.00)	NS	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00) J	NS	ND(1.00)	ND(1.00)
Sulfide	46.0 J	6.60	NS	27.0	34.0
Thallium	ND(1.70) J	ND(1.60) J	NS	ND(1.10) J	ND(1.80) J
Tín	ND(10.0)	ND(3.60)	NS	ND(10.0)	ND(4.00)
Vanadium	12.0	ND(5.00)	NS	9.30 J	9.40
Zinc	370 J	32.0 J	NS	130 J	60.0

	Averaging Area:	4A	4A	4A	4A	4A
	Sample ID:	RAA4-K3	RAA4-K11	RAA4-K11	RAA4-K15	RAA4-L8
·····	Sample Depth(Feet):	4-6 06/11/02	1-6 .07/02/02	4-6 07/02/02	1-6 06/18/02	0-1
Paraméter /olatile Org	Date Collected:	UDITIUZ	07702702		00/10/04	1 00/10/02
	anics ichloroethane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.1.1-Trichlo	an an ann an the first of the formation of the first of the	NO(0.0059)	NS NS	ND(0.0055)	NS	ND(0.0057)
	ichloroethane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.1,2-Trichlo		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1-Dichloro		ND(0.0059)	NS	ND(0.0055)	NS NS	ND(0.0057)
.1-Dichloro	* · · · · · · · · · · · · · · · · · · ·	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.2.3-Trichlo		ND(0.0059)	NS NS	ND(0.0055)	NS	ND(0.0057)
	-3-chloropropane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.2-Dibromo		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.2-Dichloro		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.2-Dichloro		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
.4-Dioxane		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.11) J
-Butanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3	Shutadiene	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
2-Chloroethy		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
2-Hexanone		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
B-Chloroprop		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
1-Methyl-2-p		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
Acetone		0.015 J	NS	ND(0.022)	NS	ND(0.023)
Acetonitrile		ND(0.12)	NS	ND(0.11)	NS	ND(0.11)
Acrolein		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.11) J
\crylonitrile		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Benzene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
Bromodichlo	romethane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Bromoform		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Bromometha	ane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Carbon Disu		ND(0.0059)	NŜ	ND(0.0055)	NS	ND(0.0057)
Carbon Tetra		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chlorobenze		0.0031 J	NS	ND(0.0055)	NS	ND(0.0057)
Chloroethan		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chloroform		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Chlorometha	ane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
cis-1,3-Dichl	loropropene	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dibromochic	promethane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dibromomet	hane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Dichlorodiflu	ioromethane	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Ethyl Metha		ND(0.0059)	NŚ	ND(0.0055)	NS	ND(0.0057)
Ethylbenzen	e	ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
odomethan	e	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
sobutanol		ND(0.12)	NS	ND(0.11)	NS	ND(0.11) J
Methacrylon		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Methyl Meth		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
vlethylene C		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Propionitrile		ND(0.012)	NS	ND(0.011)	NS	ND(0.011)
Styrene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
fetrachloroe	sthene	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
foluene		ND(0.00590)	NS	ND(0.00550)	NS	ND(0.00570)
	chloroethene	ND(0.0059)	NS	ND(0.0055)	NS	NO(0.0057)
	chioropropene	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
	chioro-2-butene	ND(0.0059)	NS	ND(0.0055) J	NS	ND(0.0057)
Trichloraeth		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Trichlorofluc	· · · · · · · · · · · · · · · · · · ·	ND(0.0059)	NS	ND(0.0055)	NS NS	ND(0.0057)
/inyl Acetat		ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Vinyl Chloric	je	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)
Xylenes (to:	ah I	ND(0.0059)	NS	ND(0.0055)	NS	ND(0.0057)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4A RAA4-K3 4-6	4A RAA4-K11 1-6	4A RAA4-K11 4-6	4A RAA4-K15 1-6	4A RAA4-L8 0-1
Parameter Date Collected:	06/11/02	07/02/02	07/02/02	05/18/02	06/13/02
Semivolatile Organics	our non	0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
2.4.5-Tetrachlorobenzene	NS	ND(0,400)	NŜ	NS	ND(0.380)
2.4.5-Tetrachiorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Dichlorobenzene	NS	ND(0.400)	NS T	NS	ND(0.380)
.2-Diphenyihydrazine	NS	ND(0.40)	NS	NS	ND(0.38)
.3.5-Trinitrobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
.3-Dichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
.3-Dinitrobenzene	NS	ND(0.740)	NS	NS	ND(0.760)
4-Dichlorobenzene	NS	ND(0.400)	NS	NS	ND(0.380)
.4-Naphthoquinone	NS	ND(0.740)	NS	NS	ND(0,760)
-Naohthylamine	NS	ND(0.740)	NS	NS	ND(0.760)
3.4.6-Tetrachlorophenol	NŜ	ND(0,400)	NS	NS	ND(0.380)
4.5-Trichlorophenol	NS	ND(0 400)	NS	NS	ND(0.380)
4.6-Trichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
,4-Dichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
4-Dimethylphenol	NS	ND(0.400)	NS	NS	0.600
4-Dinitrophenol	NS	ND(2.00)	NS	NS	ND(1.90)
2,4-Dinitrotoluene	NS	ND(0.400)	NS	NS	ND(0.380)
- 6-Dichlorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2.6-Dinitrotaluene	NS	ND(0.400)	NS	NS	ND(0.380)
-Acetylaminofluorene	NŠ	ND(0.740)	NS	NS	ND(0.760)
2-Chioronaphthalene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Chiorophenol	NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylnaphthalene	NS	ND(0.400)	NS	NS	ND(0.380)
2-Methylphenol	NS	ND(0.400)	NS	NS	0.360 J
2-Naphthylamine	NS	ND(0.740)	NS	NS	ND(0.760)
2-Nitroaniline	NS	ND(2.00)	NS	NS	ND(1.90)
2-Nitrophenol	NS	ND(0.740)	NS	NS	ND(0.760)
2-Picoline	NS	ND(0.400)	NS	NS	ND(0.380)
3&4-Methylphenol	NS	ND(0.740)	NS	NS	0.690 J
3,3'-Dichlorobenzidine	NS	ND(0.81) J	NS	NS	ND(0.760)
3,3'-Dimethylbenzidine	NS	ND(0.400)	NS	NS	ND(0.380)
3-Methylcholanthrene	NS	ND(0.740)	NS	NS	ND(0.760)
3-Nitroaniline	NS	ND(2.00)	NS	NS	ND(1.90)
4,6-Dinitro-2-methylphenol	NS	ND(0.400)	NS	NS	ND(0.380)
t-Aminobiphenyl	NS	ND(0.740)	NS	NS	ND(0.760)
4-Bromophenyl-phenylether	NS	ND(0.400)	NS NS	NS	ND(0.380)
4-Chloro-3-Methylphenol	NS	ND(0.400)		NS NS	ND(0.380)
4-Chloroaniline	NS NS	ND(0.400) ND(0.740)	NS NS	NS NS	ND(0.380) ND(0.760)
4-Chlorobenzilate	NS	ND(0.400)	NS NS	NS	ND(0.380)
4-Chlorophenyl-phenylether	NS NS	ND(1.90)	NS NS	NS	ND(0.380) ND(1.90)
4-Nitroaniline 4-Nitrophenol	NS	ND(2.00)	NS NS	NS	ND(1.90)
	NS	ND(0.740)	NS	NS	ND(0.760)
t-Nitroguinoline-1-oxide t-Phenylenediamine	NS	ND(0.74) J	NS	NS	ND(0.76) J
5-Nitro-o-toluídine	NS	ND(0.740)	NS	NS	ND(0.760)
7.12-Dimethylbenz(a)anthracene	NS	ND(0.740)	NS 1	NS	ND(0.760)
a.a'-Dimethylphenethylamine	NS	ND(0.740)	NS	NS	ND(0.760)
Acenaphthene	NS	ND(0.400)	NS	NS	ND(0.380)
Acenaphthylene	NS	ND(0.400)	NS	NS	ND(0.380)
Acetophenone	NS	ND(0.400)	NS	NS	ND(0.380)
Aniline	NS	1.30	NS	NS	ND(0.380)
Anthracene	NG	ND(0.400)	NS	NS	ND(0.380)
Aramite	NS	ND(0.740)	NS	NS	ND(0.760)
Benzidine	NS	ND(0.81) J	NS	NS	ND(0.75)
Benzo(a)anthracene	NS	0.120 J	NS	NIS	ND(0.380)
Senzo(a)pyrene	NS	0.160 J	NS	ВИ	ND(0.380)
Senzo(b)Nuoranthene	NS	ND(0.400)	I NS I	NS	ND(0.380)
Benzo(q,h,i)perviene	NS	NU(0.490)	1 NS	NS	ND(0.380)
Benzo(k)fluoranthene	NS	ND(0.400)	NS	<u>NIS</u>	ND(0.380)
Benzyl Alconci	NS	ND(0.810)	NS	NS	ND(9.750)
bis(2-Chloroethoxy)methane	NS I	ND(0.400)	NS	NS	ND(0.380)
bis(2-Chioroethyl)ether	NS	ND(0.400)	NS	NS	ND(0.380)
bis(2-Chloroisopropyl)ether	NS	ND(0.400)	NS	NS	ND(0.380)

V.\GE_Pitsfield_CD_ESA_2_South_ConfidentiatNotes and Data\PDI DATA8.xls Table B-1 (A) Page 18 of 197

Averaging Area:	4A	4A	4A RAA4-K11	4A RAA4-K15	4A RAA4-L8
Sample ID:	RAA4-K3	RAA4-K11			0-1
Sample Depth(Feet):	4-6	1-6	4-6 07/02/02	1-6 06/18/02	06/13/02
Parameter Date Collected:	06/11/02	07/02/02	01/02/02	00/10/02	00/10/02
emivolatile Organics (continued)	1.15	NEMA 0201	1 N (1 ⁺	NŜ	ND(0.380)
is(2-Ethylhexyl)phthalate	NS	ND(0.360)	NS NO	NS	ND(0.380)
lutyibenzyiphthaizte	NS	ND(0.400)	NS		ND(0.380)
Chrysene	NS	0 160 J	NS	NS	ND(0.760)
Diallate	NS	ND(0.740)	NS	NS	ND(0.780)
Dibenzo(a,h)anthracene	NS	ND(0.400)	NS	NS NS	ND(0.380)
Dibenzofuran	NS	ND(0.400)	NS		ND(0.380)
Dicthylphthalate	NS	ND(0.400)	NS	NS	ND(0.380)
Dimethylphthalate	NS	ND(0.400)	NS NS	NS NS	0.200 J
Di-n-Butylphthalate	NS	ND(0.400)		NS	ND(0.380)
Di-n-Octylphthalate	NS	ND(0.400)	NS	NS NS	ND(0.380)
Diphenylamine	NS	ND(0.40)	NS		ND(0.380)
Ethyl Methanesulfonate	NS	ND(0.400)	NS NS	NS NS	ND(0.380)
luoranthene	NS	0.220 J		NS NS	ND(0.380)
Fluorene	NS	ND(0.400)	NS NS	NS	ND(0.380)
Hexachlorobenzene	NS	ND(0.400)	NS NS	NS	ND(0.380)
Hexachlorobutadiene	NS	ND(0.400)	NS NS	NS	ND(0.380)
lexachlorocyclopentadiene	NS	ND(0.400) ND(0.400)	NS NS	NS NS	ND(0.380)
Hexachloroethane	NS		NS	NS	ND(0.380)
-iexachlorophene	NS	ND(0.81)	NS NS	NS	ND(0.380)
Hexachloropropene	NS	ND(0.400)	NS	NS	ND(0.380)
ndeno(1,2,3-cd)pyrene	NS	ND(0.400)	NS NS	NS NS	ND(0.38)
sodrin	NS	ND(0.40)	NS NS	NS	ND(0.380)
sophorone	NS	ND(0.400)	NS NS	NS	ND(0.360)
sosafrole	NS	ND(0.740)	The second se	NS	ND(0.760)
Methapyrilene	NS	ND(0.740)	NS NS	NS NS	ND(0.380)
Methyl Methanesulfonate	NS	ND(0.400)		NS	0.150 J
Naphthalene	NS	ND(0.400)	NS NS	NS NS	ND(0.380)
Nitrobenzene	NS	ND(0.400)		NS	ND(0.380)
N-Nitrosodiethylamine	NS	ND(0.400)	NS	NS NS	ND(0.380)
N-Nitrosodimethylamine	NS	ND(0.400)	NS NS	NS NS	ND(0.380)
N-Nitroso-di-n-butylamine	NS	ND(0.740)	NS	NS NS	ND(0.380)
N-Nîtroso-di-n-propylamine	NS	ND(0.400)		NS	ND(0.380)
N-Nitrosodiphenylamine	NS	ND(0.400)	NS	NS	ND(0.360)
N-Nitrosomethylethylamine	NS	ND(0.740)	NS	NS	ND(0.380)
N-Nitrosomorpholine	NS	ND(0.400)	NS	NS	ND(0.380)
N-Nitrosopiperidine	NS	ND(0.400)	NS		ND(0.760)
N-Nitrosopyrrolldine	NS	ND(0.740)	NS	NS NC	ND(0.38)
o.o.o-Triethylphosphorothioate	NS	ND(0.40)	NS NS	NS NS	ND(0.380)
o-Toluidine	NS	ND(0.400)		NS	ND(0.760)
p-Dimethylaminoazobenzene	NS NC	ND(0.740)	NS NS	NS NS	ND(0.380)
Pentachiorobenzene	NS	ND(0.400)	NS NS	NS	ND(0.38)
Pentachloroethane	NS	ND(0.40) ND(0.740)	NS NS	NS NS	ND(0.760)
Pentachloronitrobenzene	NS		NS	NS NS	ND(0.780)
Pentachlorophenol	NS	ND(2.00)	NS NS	NS NS	ND(1.90)
Phenacetin	NS	ND(0.748)	NS NS	NS	ND(0.380)
Phenanthrene	NS	0.130 J		NS	0.780
Phenol	NS NS	ND(0.400)	NS		ND(0.380)
Pronamide	NS	ND(0.400)	NS	NS	
Pyrene	NS	0.220 J	NS	NS	ND(0.380)
Pyridine	NS	ND(0.400)	NS	NS NC	ND(0.380)
Safrole	NS	ND(0.400) ND(0.40)	NS NS	NS NS	ND(0.380) ND(0.38)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Coltected:	4A RAA4-K3 4-6 06/11/02	4A RAA4-K11 1-6 07/02/02	4A RAA4-K11 4-6 07/02/02	4A RAA4-K15 1-6 06/18/02	4A RAA4-L8 0-1 06/13/02
Furans						
2.3.7.8-TCDF		NS	ND(0.00000029) X	NS	0.0010 YEIJ (0.00080 YEIJ)	0.0000028 Y
TCDFs (total		NS	0.0000031	NS	0.0075 QI [0.0065 QI]	0.000083
1.2.3.7.8-Pet		NS	0.00000021 J	NS	0.00040 Q [0.00027 Q]	ND(0.0000011)
2.3.4.7.8-Pe		NS	0.00000035 J	NS	0.0020 EJ [0.0016 EJ]	0.000016
PeCDFs (tota		NS	0.0000026 Q	NS	0.022 QI [0.016 QI]	0.00023 (
1,2,3,4,7,8-H		NS	0.00000032 J	NS	0.0027 EJ [0.0018 EJ]	ND(0.000010)
1.2.3.6.7.8-H		NS	0.0000030 J	NS	0.0014 EJ [0.00096]	0.0000035
1,2,3,7,8,9-H	the state of the	NS	0.00000011 J	NS	0.00054 [0.06036]	ND(0.000011)
2.3.4.6.7.8-H		NS	0.00000031 J	NS	0.0023 EJ [0.0017 EJ]	0.000014
HxCDFs (tota		NS	0.0000022	NŜ	0.030 [0.023]	0.00019
1,2,3,4,6,7,8		NS	0.00000095 J	NS	0.0023 EJ [0.0016 EJ]	0.000012
1.2.3.4.7.8.9		NS	0.000000095 J	NS	0.00070 J [0.00041 J]	0.0000011 J
HpCDFs (tot		NS	0.0000010	NS	0.0086 [0.0057]	0.000033
OCDF		NŚ	0.0000011 J	NS	0.0013 [0.00081]	0.0000055
Dioxins			1			L
2.3.7.8-TCDI	D	ŃŠ	ND(0.00000010)	NS	0.0000024 [0.0000021]	ND(0.00000019)
TCDDs (tota	Commentary and the second s	NS	0.00000014	NŜ	0.000051 Q [0.000042 Q]	ND(0.00000019)
1.2.3.7.8-Pe		NS	ND(0.000000095) X	NS	0.000025 (0.000018)	ND(0.0000016) X
PeCDDs (tot		NS	0.0000085	NS	0.000078 QJ [0.00014 QJ]	ND(0.00000023)
1.2.3.4.7.8-		NS	ND(0.0000026)	NS	0.000030 [0.000022]	ND(0.00000034)
1,2,3,6,7,8-		NS	ND(0.00000014) X	NS	0.000033 (0.000024)	ND(0.00000055) X
1.2.3.7.8.9-H		NS	0.00000013 J	NS	0.000025 [0.000018]	ND(0.00000031)
HxCDDs (tot		NS	0.0000012	NS	0.00039 [0.00030]	0.0000038
1,2,3,4,6,7,8		NS	0.00000072 J	NS	0.00022 (0.00016)	0.0000037
HpCDDs (tot		NS	0.0000012	NS	0.00042 [0.00032]	0.0000080
OCDD		NS	ND(0.0000049)	NS	0.00096 [0.00075]	0.000020
Total TEOs (WHO TEEs)	NS	0.0000045	NS	0.0019 [0.0014]	0.000012
Inorganics						
Antimony		NŚ	1.60 B	NS	NS	ND(6.00)
Arsenic		NS	7.90	NS	NS	16.0
Barium		NS	100 J	NS	NS	50.0
Beryllium		NS	ND(0.500)	NS	NS	ND(0.500)
Cadmium		NS	0.880	NS	NS	ND(0.500)
Chromium		NS	8.20	NS	NS	6.20
Cobalt		NS	10.0 J	NS	NS	5.30
Copper		NS	80.0	NS	NS	44.0
Cyanide		NS	ND(0.220)	NS	NS	ND(0.230)
Lead		NS	88.0	NS	NS	22.0
Mercury		NS	0.340	NS	NS	ND(0,110) J
Nickel		NS	20.0	NS	NS	11.0
Selenium		NS	ND(1.00)	NS	NS	ND(1.00) J
Silver		NS	ND(1.00) J	NS	NS	ND(1.00)
Sulfide		NS	140	NS	NS	90.0
Thailium		NS	ND(1.60) J	NS	NS	1.20 J
Tin		NS	ND(14.0)	NS	NS	ND(10.0)
Vanadium		NS	8.20	NS	NS	9.30
Zine		NS	120 J	NS	NS	50.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4A	4A	4A	4A	4B RAA4-1	4B RAA4-2
Sample ID:	RAA4-M3	RAA4-M5	RAA4-M7	RAA4-01		
Sample Depth(Feet):	0-1	0-1	0-1	0-1 04/25/02	0-1 01/30/01	6-8
Parameter Date Collected:	06/11/02	04/25/02	07/03/02	04/20/02	01/30/01	01/24/01
/olatile Organics			·····			
1,1,1,2-Tetrachloroethang	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1.1.1-Trichloroethane	ND(0.0054)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1.1.2.2-Tetrachloroethace	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1,1,2-Trichloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
I_1-Dichloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069) ND(0.0069)	ND(0.43
1,1-Dichloroethene	ND(0.0064)	ND(0.0057) ND(0.0057)	ND(0.0054) ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43 ND(0.43
1,2.3-Trichioropropane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1,2-Dibromo-3-chroropropane	ND(0.0064) ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1.2-Dibromoenane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1,2-Dichloropropane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
1,4-Dioxane	ND(0.13) J	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.20) J	ND(17)
2-Butanone	ND(0.013)	ND(0.011)	ND(0.011)	NO(0.011)	ND(0.10)	ND(8.7)
2-Chloro-1,3-butadiene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
2-Chloroethylvinylether	ND(0.0064)	ND(0.0057) J	ND(0.0054)	ND(0.0055) J	ND(0.0069)	ND(0.43)
2-Hexanone	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.87
3-Chloropropene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
4-Methyl-2-pentanone	ND(0.013)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.014)	ND(0.87
Acetone	ND(0.025)	ND(0.023)	ND(0.022)	ND(0.022)	ND(0.10)	ND(8.7
Acetonitrile	ND(0.13)	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.14) J	ND(8,7)
Acrolein	ND(0.13) J	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.14) J	ND(8.7)
Acrylonitrile	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Benzene	ND(0.00640)	ND(0.00570)	0.0050 J	ND(0.00550)	ND(0.00690)	0.570
Bromodichloromethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Bromoform	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Bromomethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0,014)	ND(0.87
Caroon Disulfide	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.010)	ND(0.87
Carbon Tetrachloride	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Chlorobenzene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Chloroethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Chloroform	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Chloromethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
cis-1,3-Dichloropropene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Dibromochloromethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Dibromomethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Dichlorodifluoromethane	ND(0.0064)	ND(0.0057) J	ND(0.0054)	ND(0.0055) J	ND(0.014)	ND(0.87)
Ethyl Methacrylate	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Ethylbenzene	ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	2.40
lodomethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Isobutanol	ND(0.13) ND(0.0064) J	ND(0.11) ND(0.0057)	ND(0.11) ND(0.0054)	ND(0.11) ND(0.0055)	ND(0.28) J ND(0.014)	ND(17) . ND(0.87
Methacrylonitrile		ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Methyl Methacrylate	ND(0.0064) ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Methylene Chloride	ND(0.013)	ND(0.011)	ND(0.0031)	ND(0.011)	ND(0.069) J	ND(4.3)
Propionitrile	ND(0.00640)	ND(0.00570)	ND(0.0054)	ND(0.00550)	ND(0.00690)	ND(0.430
Styrene Tetrachlorcethene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.00550)	ND(0.0069)	ND(0.43
Toluene	ND(0.00640)	ND(0.00570)	0.13	ND(0.00550)	ND(0.00690)	2.80
irans-1,2-Dichloroethene	ND(0.0064)	ND(0.00570)	ND(0.0054)	ND(0.0055)	NO(0.0059)	ND(0.43
trans-1,3-Dichloropropene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0053)	ND(0.43
trans-1,3-Dichlorop/opene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND{0.87
Trichloroethene	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	ND(0.43
Trichlorofluoromethane	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069) J	ND(0.43
Vinyl Acetate	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Vinyi Chioride	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.014)	ND(0.87
Xvienes (total)	ND(0.0064)	ND(0.0057)	ND(0.0054)	ND(0.0055)	ND(0.0069)	10

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4A RAA4-M3	4A RAA4-M5	4A RAA4-M7	4A RAA4-01	4B RAA4-1	4B RAA4-2
Parameter	Sample Depth(Feet): Date Collected:	0-1 06/11/02	0-1 04/25/02	0-1 07/03/02	0-1 04/25/02	0-1 01/30/01	6-8 01/24/01
Semivolatile (1				
	hiorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0 370)	ND(4.60)	NS
2.4-Trichloro		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Dichlorobe		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Diphenylhy		ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
.3.5-Trinitrob		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
1,3-Dichlorobe		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
,3-Dinitroben	zene	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
1,4-Dichlorobe	nzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1,4-Naphthoqu	Jinone	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
1-Naphthylami	ine	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
2,3,4,6-Tetrac		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4,5-Trichlord		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,4,6-Trichlord		ND(0.420)	ND(0 500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2.4-Dichloroph		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NŞ
2.4-Dimethylpl		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2.4-Dinitrophe		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
2,4-Dinitrotolu		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
2,6-Dichloroph	and a second	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2,6-Dinitrotolu		ND(0.420)	ND(0.50) J	ND(0.360)	ND(0.37) J	ND(4.60)	NS
2-Acetylamino 2-Chloronapht		ND(0.850) ND(0.420)	ND(0.770) ND(0.500)	ND(0.720) ND(0.360)	ND(0.740) ND(0.370)	ND(9.20) ND(4.60)	NS NS
		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)		NS NS
2-Chioropheno 2-Methylnapht		ND(0.420)	ND(0,500)	0.160 J	ND(0.370)	ND(4.60) ND(4.60)	NS
2-Methylphend		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
2-Naphthylam		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
2-Nitroaniline		ND(0.000)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
2-Nitrophenol		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
2-Picoline		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
3&4-Methylph	enol	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
3.3 Dichlorob		ND(0.850)	ND(0.990)	ND(0.72) J	ND(0.740)	ND(23) J	NS
3,3"-Dimethylb		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
3-Methylchola		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
3-Nitroaniline		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
4,6-Dinitro-2-n	nethylphenol	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
4-Aminobiphe	nyl	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
	yl-phenylether	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1-Chioro-3-Me	sthylphenol	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
I-Chloroanilin		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
4-Chlorobenzi		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
	yi-phenylether	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
1-Nitroaniline		ND(2.20)	ND(2.00)	ND(1.80)	ND(1.90)	ND(23.0)	NS
-Nitrophenol		ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
I-Nitroguinalir		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
Phenylenedi		ND(0.85) J	ND(0.77) J	ND(0.72) J	ND(0.74) J	ND(23.0)	NS
5-Nitro-o-toluio		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS NS
	benz(a)anthracene	ND(0.850) ND(0.850)	ND(0.770)	ND(0.720) ND(0.720)	ND(0.740)	ND(9.20)	NS
and the second se	henethylamine	ND(0.850)	ND(0.770) 0.270 J	ND(0.720)	ND(0.740)	ND(23.0)	NS NC
Acenaphtnene		ND(0.420)	ND(0.500)	ND(0.360) ND(0.360)	ND(0.370) ND(0.370)	ND(4.60) 4.00 J	NS
Acenaphthyle: Acetophenone		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370) ND(0.370)	4.00 J ND(4.60)	NS NS
Aniline	·	5,50	8.60	0.230 J	0.370	ND(4.60)	NS NS
Anthracene		ND(0.420)	0.360 J	ND(0.360)	ND(0.370)	1.20 J	NS NS
Aramite		ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.2) J	NS NS
Benzidine		ND(0.85) J	ND(0.99)	ND(0.72) J	ND(0.74)	ND(9.2)	NS NS
Benzo(a)anthr	acene	0.0910 J	1.20	0.490	6.270 J	10.0	NS
Benzo(a)pyrer		0.110 J	1.40	0.740	0.370	11.0	NS
Benzo(b)fiuora		0,110 J	1.40	1.60	0.380	6.10	NS
Renzo(g.h.()ps		0.100 J	0.970	0.860	0.320 J	8 10	NS NS
Senzo(k)fluora		0.120.3	1.40	0.790	0.290 J	7 80	NS
Benzyi Alcoho		ND(0.850)	ND(0.990)	ND(0.720)	ND(0.740)	ND(9.20)	NS
	hoxy)methane	NO(0.420)	ND(0.500)	NO(0.360)	ND(0.370)	ND(4.60)	NS
sis(2-Chloroet		ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
	opropyl)ether	ND(0.42) J	ND(0.500)	ND(0.360)	1 ND(0.370)	ND(4.60)	NS

V:GE_PittsReid_CD_ESA_2_South_ConfidentiaNNotes and DataPDI DATA8.xis Table B-1 (A) Page 22 of 197

Averaging Area:		4A	4A	4A	4B	4B
Sample ID:	RAA4-M3	RAA4-M5	RAA4-M7	RAA4-01	RAA4-1	RAA4-2
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0+1	6-8
Parameter Date Collected:	06/11/02	04/25/02	07/03/02	04/25/02	01/30/01	01/24/01
Semivolatile Organics (continued)						
ois(2-Ethylhexyl)phthalate	ND(0.420)	ND(0.380)	ND(0.360)	ND(0.360)	ND(4.60)	NS
Butylbenzyiphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
Chrysene	0.120 J	1.40	0.770	0.290 J	9.60	NS
Diallate	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
Dibenzo(a,h)anthracene	ND(0.420)	ND(0.500)	0.360	ND(0.370)	ND(9.20)	NS
Dibenzofuran	ND(0.420)	0.110 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Diethylphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Dimethylphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Di-n-Butyiphthalate	0.200 J	0.370 J	ND(0.360)	0.130 J	ND(4.60)	NS
Di-n-Octylphthalate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Diphenylamine	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
Ethyl Methanesulfonate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Fluoranthene	0.170 J	2.50	0.720	0.570	12.0	NS
Fluorene	ND(0.420)	0.180 J	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachlorobutadiene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
Hexachlorocyclopentadiene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachloroethane	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Hexachiorophene	ND(0.85)	ND(0.99)	ND(0.72)	ND(0.74)	ND(9.2) J	NS
Hexachloropropene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
Indeno(1,2,3-cd)pyrene	ND(0.420)	0.780	0.740	0.320 J	7.20 J	NS
Isodrin	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6)	NS
Isophorone	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Isosafrole	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
Methapyrilene	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23) J	NS
Methyl Methanesulfonate	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
Naphthalene	ND(0.420)	0.110 J	0.120 J	ND(0.370)	ND(4.60)	NS
Nitrobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosodiethylamine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosodimethylamine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(23.0)	NS
N-Nitroso-di-n-butylamine	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.2) J	NS
N-Nitroso-di-n-propylamine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(9.20)	NS
N-Nitrosodiphenylamine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosomethylethylamine	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(4.60)	NS
N-Nitrosomorpholine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
N-Nitrosopiperidine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
N-Nitrosopyrrolidine	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(9.20)	NS
o.o.o-Triethylphosohorothioate	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6) J	NS
o-Toluidine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS
p-Dimethylaminoazobenzene	ND(0.850)	ND(0.770)	ND(0,720)	NO(0.740)	ND(23.0)	NS
Pentachlorobenzene	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(1.60)	NS
Pentachloroethane	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.6) J	NS
Pentachloronitroberizene	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Pentachiorophenol	ND(2.20)	ND(2.50)	ND(1.80)	ND(1.90)	ND(23.0)	NS
Phenacetin	ND(0.850)	ND(0.770)	ND(0.720)	ND(0.740)	ND(23.0)	NS
Phenanthrene	ND(0.420)	1.80	0.360 J	0.330 J	2.00 J	NS
Phenol	ND(0.420)	0.890	ND(0.360)	ND(0.370)	ND(4.60)	NS
Pronamide	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.60)	NS NS
Pyrene	0.150 J	2.60	0.690	0.430	22.0	NS
Pyridine	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4.6) J	NS
Safrole	ND(0.420)	ND(0.500)	ND(0.360)	ND(0.370)	ND(4 60)	NS
Thionazin	ND(0.42)	ND(0.50)	ND(0.36)	ND(0.37)	ND(4.5)	NS NS

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected;	4A RAA4-M3 0-1 06/11/02	4A RAA4-M5 0-1 04/25/02	4A RAA4-M7 0-1 07/03/02	4A RAA4-01 0-1 04/25/02	4B RAA4-1 0-1 01/30/01	4B RAA4-2 6-8 01/24/01
Furans					· · · · · · · · · · · · · · · · · · ·	
2.3.7.8-TCDF	0.000021 Y	0.000019 YJ	0.0000014 Y	0.00017 Y	0.000018	NS
TCDFs (total)	0.00021	0.00036 J	0.0000072	0.0022 SEJ	0.00012	NS
1.2.3.7.8-PeCDF	0.0000098	0.000069	0.00000062 J	0.000688	0.0000052	NS
2.3.4.7.8-PeCDF	0.000011	0.000014 J	0.00000075 J	0.00014	0.0000074	NS
PeCDFs (total)	0 00014	0.00061 J	0.0000061 Q	0.0056 SEJ	0.000084 Q	NS
1.2.3.4.7.8-HxCDF	0.000015	0 000037	0.00000080 J	0.00044	0.0000049	NS
1.2.3.6.7.8-HxCDF	0.000080	0.000011	0.00000043 J	0.00027	0.0000030 J	NS
1,2,3,7,8,9-HxCDF	0.0000016 J	0.0000041 J	ND(0.00000026)	ND(0.00047) X	ND(0.00000079) X	NS
2,3,4,6,7,8-HxCDF	0.0000083	0.000017	0.00000053 J	0.00079	0.0000042	NS
HxCDFs (total)	0.00012	0.00036	0.0000060	0.0085 SEJ	0.000062	NS
1,2,3,4,6,7,8-HpCDF	0.000023	0.000031	0.0000014 J	0.0010	0.000018	NS
1,2,3,4,7,8,9-HpCDF	0.0000025 J	0.0000035 J	0.00000020 J	0.00010	0.0000011 J	NS
HpCDFs (total)	0.000038	0.000065	0.0000031	0.0027	0.000032	NS
OCDF	0.000020	0.000026	0.0000019 J	0.00039	0.000011	NS
Dioxins					·	
2,3,7,8-TCDD	ND(0.00000030) X	0.00000045 J	ND(0.00000015)	0.0000028	ND(0.00000034) X	NS
TCDDs (total)	0.000012	0.0000041 J	0.00000041	0.000038	0.0000082	NS
1.2.3.7.8-PeCDD	ND(0.0000014) X	ND(0.00000010) J	0.00000022 J	0.000016	0.00000043 J	NS
PeCDDs (total)	0.000010	ND(0.0000030) XJ	0.0000028 Q	0.000058	0.0000039 Q	NS
1.2.3.4.7.8-HxCDD	0.00000077 J	ND(0.00000020) J	0.00000031 J	0.000021	0.00000045 J	NS
1.2,3,6,7,8-HxCDD	0.0000012 J	ND(0.0000014) X	0.00000050 J	0.000030	0.00000078 J	NS
1,2,3,7,8,9-HxCDD	0.0000011 J	ND(0.0000020) X	0.00000068 J	0.000027	0.00000067 J	NS
HxCDDs (total)	0.000018	0.0000021 J	0.0000078	0.00030	0.0000089	NS
1,2,3,4,6,7,8-HpCDD	0.000013	0.000013	0 000011	0 00022	0.0000080	NS
HpCDDs (total)	0.000027	0.000027	0.000023	0.00051	0.000016	NS
OCDD CDD	0.00014	0.000098	0.00022	0.00086	ND(0.000043)	NS
Total TEQs (WHO TEFs)	0.000013	0.000020	0.0000013	0.00030	0.0000081	NS
Inorganics	· · · · · · · · · · · · · · · · · · ·					
Antimony	ND(6.00)	ND(6.00) J	0.890 B	1,40 J	ND(12.0)	NS
Arsenic	10.0	20.0 J	6.60	5.20 J	ND(21.0)	NS
Barium	44.0	40.0 J	73.0	69.0 J	ND(42.0)	NS
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	0,140 B	0.360	NS
Cadmium	ND(0.500)	2.30	ND(0.500)	0.590	ND(2.10)	NS
Chromium	19.0	16.0	7.00	7.40	9,90	NS
Cobalt	6.30	8.90	16.0	ND(5.00)	ND(10.0)	NS
Copper	160	130	42.0	85.0	39.0	NS
Cyanide	ND(0.130)	0.260 J	0.0770 B	ND(0.110)	5.40	NS
Lead	50.0	40.0 J	14.0	49.0 J	29.0	NS
Mercury	0.160	ND(0.110)	0.0660 B	0.310	ND(0.280)	NS
Nickel	22.0	15.0 J	10.0	11.0 J	21.0	NS
Selenium	ND(1.00) J	1.50 J	0.500 B	ND(1.60) J	ND(1.00) J	NS
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide	45.0	77.0	520	60.0	20.0	NS
Thallium	ND(2.50)	ND(1.10) J	2.40	ND(1.10) J	ND(2.10)	NS
Tin	15.0	ND(11.0)	ND(4.10)	ND(10.0)	ND(62.0)	NS
Vanadium	28.0	34.0 J	12.0	6.80 J	14.0	NS
Zinc	96.0	86.0 J	33.0	110 J	55.0	NS

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

	Averaging Area:	4B	4B	4B	4B	4B
	Sample ID:	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
	Sample Depth(Feet):	6-15	6-15	12-14	0-1	0-1
Parameter	Date Collected:	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
/olatile Orga	nics					
1,1,1.2-Tetrac	hioroethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1,1-Trichlorg	bethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1.1,2,2-Tetrac	hloroethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,1,2-Trichlord	pethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
I, 1-Dichtoroel	hane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
,1-Dichloroel	hene	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2.3-Trichlore	propane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
1,2-Dibromo-C	3-chioropropane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
I,2-Dibromoe	thane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
l,2-Dichloreel	hane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
,2-Dichloropi	opane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
,4-Dioxane		NS	NS	ND(650) J	ND(0.20) J	ND(0.20) J [ND(0.20)]
2-Butanone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Chloro-1,3-l	outadiene	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
-Chloroethyl-	vinylether	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
2-Hexanone		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
3-Chloroprope	ene	NŜ	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
1-Methyl+2-ρe	ntanone	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Acetone		NS	NS	ND(320)	ND(0.10)	ND(0.10) [ND(0.10)]
Acetonitrile		NS	NS	ND(320) J	ND(0.13) J	ND(0.13) J [ND(0.16)]
Acrolein		NS	NS	ND(320) J	ND(0.13) J	ND(0.13) J [ND(0.16)]
Acrylonitrile		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Benzene		NS	NS	100	ND(0.00670)	ND(0.00660) [ND(0.00800)]
Bromodichlor	omethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Bromoform		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Bromomethar	ie	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Carbon Disulf	ide	NS	NS	ND(32)	ND(0.010)	ND(0.010) [ND(0.010)]
Carbon Tetra	chloride	NŞ	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chlorobenzer	ie l	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chloroethane		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Chloroform		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chloromethar	18	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
is-1,3-Dichlo	горгореле	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dibromochlor	omethane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dibromometh	ane	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Dichlorodifluo	romethane	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Ethyl Methaci	ylate	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Ethylbenzene		NS	NS	280	ND(0.00670)	ND(0.00660) [ND(0.00800)]
odomethane		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
sobutanol		NS	NS	ND(650) J	ND(0.27) J	ND(0.26) J [ND(0.32)]
Methacrylonit	rile	NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Methyl Metha		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Methylene Ch	loride	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Propionitrile		NS	NS	ND(160) J	ND(0.067) J	ND(0.066) J [ND(0.080)]
Styrene		NS	NS	ND(16.0)	ND(0.00670)	ND(0.00660) [ND(0.00800)]
fetrachioroet	hene	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
oluene		NS	NS	640	ND(0.00670)	ND(0.00650) [ND(0.00800)]
rans-1,2-Dicl		NŚ	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
	nloropropene	N\$	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
trans-1.4-Dict	nloro-2-butene	ŃS	I NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Trichloroethe		NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Trichlorofluor	omethane	NS	NS	ND(16)	ND(0.0067) J	ND(0.0056) J [ND(0.0080)]
vinyl Acetate		NS	NS	ND(32)	ND(0.013)	ND(0.013) [ND(0.016)]
Vinyl Chloride	· · · · · · · · · · · · · · · · · · ·	NS	NŚ	ND(32)	ND(0.013)	ND(0.013) [ND(0.015)]
Xylenes (tota		NS	NS	450	ND(0.0067)	ND(0.013) [ND(0.016)]

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	48 RAA4-2	48 RAA4-4	4B RAA4-4	4B RAA4-5	4B RAA4-8
Sample Depth(Fect):	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
emivolatile Organics					
.2.4.5-Tetrachlorobenzene	ND(4.60)	ND(4.30)	NS	NO(8.90)	ND(4.30) [ND(5.30)]
.2,4-Trichlorobenzene	ND(4.60)	ND(4.30)	<u>NS</u>	ND(8.90)	ND(4.30) [ND(5.30)]
,2-Dichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
2-Diphenylhydrazine	ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
.3.5-Trinitrobenzene	ND(9.30)	ND(8,60)	NS	ND(18.0)	ND(8 70) [ND(10.0)]
3-Dichlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
,3-Dinitrobenzene	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
4-Dichlorobenzene	ND(4.60)	ND(4.30)	NS NS	ND(8.90)	ND(4.30) [ND(5.30)]
,4-Naphthoquinone	ND(23.0)	ND(21.0)	NS	ND(44.0) ND(44) J	ND(22.0) [ND(26.0)]
-Naphthylamine	ND(23) J	ND(21) J ND(4.30)	NS NS	ND(44) J ND(8.90)	ND(22) J [ND(26) J] ND(4.30) [ND(5.30)]
3,4,6-Tetrachtorophenol	ND(4.60) ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
.4.5-Trichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4.6-Trichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
.4-Dichlorophenol .4-Dimethylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
,4-Dimetryphenol	ND(23.0)	ND(21.0)	NS I	ND(44.0)	ND(22.0) [ND(26.0)]
4-Dinitrotoluene	ND(23.0)	ND(21.0)	NS I	ND(44.0)	ND(22.0) [ND(26.0)]
,6-Dichlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
6-Dinitrotoluene	ND(4.6) J	ND(4.3) J	NS NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Acetylaminofluorene	ND(9.3) J	ND(8.6) J	NS	ND(18.0)	ND(8.70) [ND(10.0)]
-Chloronaphthalene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Chlorophenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5 30)]
-Methylnaphthalene	130	330	NS	20.0	2.00 J [2.80 J]
-Methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Naphthylamine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
-Nitroaniline	ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
-Nitrophenol	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
-Picoline	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
&4-Methylphenol	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
3-Dichlorobenzidine	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
3,3' Dimethylbenzidine	ND(23) J	ND(21) J	NS	ND(44.0)	ND(22.0) [ND(26.0)]
-Methylcholanthrene	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
-Nitroaniline	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
,6-Dinitro-2-methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
4-Aminobiphenyl	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
-Bromophenyl-phenylether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
I-Chloro-3-Methylphenol	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Chloroanitine	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
-Chlorobenzilate	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
-Chlorophenyl-phenylether	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Nitroaniline	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
I-Nitrophenol	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
-Nitroquinoline-1-oxide	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
-Phenylenediamine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)] ND(22.0) [ND(26.0)]
-Nitro-o-toluidine	ND(23.0) ND(9.30)	ND(21.0) ND(8.60)	NS NS	ND(44.0) ND(18.0)	ND(22:0) [ND(26:0)] ND(8:70) [ND(10:0)]
12-Dimethylbenz(a)anthracene		ND(21) J	NS	ND(18.0)	ND(3:70) [ND(10:0)] ND(22:0) [ND(26:0)]
a'-Dimethylphenethylamine	ND(23) J 9.50	180	NS	8.00 J	2.70 J [ND(5.30)]
Acenaphthene	56.0	150	NS	71.0	ND(4.30) [1.49 J]
Acenaphthylene	ND(4.50)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Aniline	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Anthracene	58.0	290	NS NS	21.0	9.10 (1.80 J)
vanite	ND(9.3) J	ND(8.6) J	NS NS	ND(18) J	ND(8.7) J (ND(10) J
ianate Senzidine	ND(9.3)	ND(8.6)	NS I	ND(18)	ND(8.7) [ND(10)]
enzo(a)anthracene	46.0	1 56.0	NS 1	63.0	15.0 (4.50 J)
	30.0	50.0	NS NS	64.0	10.0 [3.10 J]
Benzo(a)pyrenc Benzo(b)fluoranthene	17.0	14.0		40.0	6.70 (1.50 J)
benzo(g,h.j.perylene	14.0	26.0	NS 1	81.0	7.80 (2.50 J)
Benzo(k)Ruoranthene	22.0	30.0	NS 1	43.0	9.90 [2:80 J]
Benzyi Alcohol	ND(9.30)	ND(8.60)	NIS	ND(18.0)	ND(8.70) [ND(10.0)]
vis(2-Chicroethoxy)methane	ND(4.60)	ND(4 30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
sis(2-Chloroethyl)ether	ND(4.60)	ND(4 30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
bis(2-Chloroisopropyl)ether	ND(4.60)	ND(4.30)	NS T	ND(8.90)	ND(4.30) [ND(5.30)]

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Averaging Area:	4日	4B	48	48	48
Sample ID:	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Semivolatile Organics (continued)					
xs(2-Ethylhexyl)phthalate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Butylbenzylphthalate	ND(9-3) J	ND(8.6) J	NS	ND(18.0)	ND(8 70) [ND(10.0)]
Chrysene	38.0	55.0	NŚ	46.0	15.0 [5.00 J]
Diallate	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8 70) [ND(10.0)]
Dibenzo(a,h)anthracene	ND(9.30)	ND(8.60)	NS	7.40 J	ND(8.70) [ND(10.0)]
Dibenzofuran	ND(4.60)	11.0	NS	2.00 J	2.40 J [ND(5.30)]
Diethylphthalate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Dimethylphthalate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Di-n-Butylphthalate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Di-n-Octylphthalate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Diphenylamine	ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
thyl Methanesulfonate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
luoranthene	57.0	81.0	NS	110	29.0 [7.30]
luorene	40.0	160	NS	38.0	3.90 J [1.80 J]
lexachlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
lexachlorobutadiene	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
lexachlorocyclopentadiene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
iexachloroethane	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4 30) [ND(5 30)]
lexachiorophene	ND(9.3) J	ND(8.6) J	NS	ND(18) J	ND(8.7) J [ND(10) J]
fexachloropropene	ND(4.5) J	ND(4.3) J	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
ndeno(1,2,3-cd)pyrene	ND(9.30)	16.0	NS	55.0	6.70 J [1.60 J]
sodrin	ND(4.6)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]
sophorone	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
sosafrole	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
Aethapynlene	ND(23) J	ND(21) J	NS	ND(44) J	ND(22) J [ND(26) J]
Methyl Methanesulfonate	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Naphthalene	250	540	NS	6.90 J	3.70 J [4.50 J]
Vitrobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosodiethylamine	ND(4.60)	ND(4.30)	NS	ND(8 90)	ND(4.30) [ND(5.30)]
N-Nitrosodimethylamine	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
V-Nitroso-di-n-butylamine	ND(9.30)	ND(8.60)	NS	ND(18) J	ND(8.7) J [ND(10) J]
V-Nitroso-di-n-propylamine	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
N-Nitrosodiphenylamine	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
N-Nitrosomethylethylamine	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
-Nitrosomorpholine	ND(4.6) J	ND(4.3) J	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
N-Nitrosopiperidine	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Nitrosopyrrolidine	ND(9.30)	ND(8.60)	NS	ND(18.0)	ND(8.70) [ND(10.0)]
o,o,o-Triethylphosphorothioato	ND(4.6)	ND(4.3)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
Toluidine	ND(4.6) J	ND(4.3) J	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Dimethylaminoazobenzene	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Pentachlorobenzene	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
entachloroethane	ND(4.6)	ND(4.3)	NS	ND(8.9) J	ND(4.3) J [ND(5.3) J]
entachloronitrobenzene	ND(23) J	ND(21) J	NŚ	ND(44.0)	ND(22.0) [ND(26.0)]
Pentachlorophenol	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Phenacetin	ND(23.0)	ND(21.0)	NS	ND(44.0)	ND(22.0) [ND(26.0)]
Phenantbrene	86.0	390	NS	150	36.0 [14.0]
Phenol	ND(4.60)	ND(4.30)	NS	ND(8 90)	ND(4.30) [ND(5.30)]
Pronamide	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Pyrene	190	420	NS	140	28.0 [10.0]
Pyridine	ND(4.60)	ND(4.30)	NS	ND(8.9) J	ND(4_3) J [ND(5.3) J]
Safrole	ND(4.60)	ND(4.30)	NS	ND(8.90)	ND(4.30) [ND(5.30)]
Frionazin	ND(4,5)	ND(4.3)	NS	ND(8.9)	ND(4.3) [ND(5.3)]

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD. MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-2 6-15 01/24/01	4B RAA4-4 6-15 01/24/01	48 RAA4-4 12-14 01/24/01	4B RAA4-5 0-1 01/30/01	4B RAA4-8 0-1 01/30/01
Furans		· · · · · · · · · · · · · · · · · · ·				
2,3,7,8-TCDF		ND(0.000040)	ND(0.00014)	NS	0.000014	0.000044 [0.000032]
TCDFs (lotal)		ND(0.000040)	ND(0.60014)	NS	0.00016	0 00043 I [0.00033 I]
1,2,3,7,8-PeCI	DF	ND(0.000052)	ND(0.000095)	NS	0.0000069	0.000014 [0.000011]
2,3,4,7,8-PeCI	DF	ND(0.000051)	ND(0.000094)	NS	0.000027	0.000076 [0.000057]
PeCDFs (total))	ND(0.000052)	ND(0.000095)	NS	0.00026	0.0010 [0.00081]
1,2,3,4,7,8-Hx	CDF	0.000053 J	ND(0.00012)	NS	0.000014	0.000018 (0.000013)
1,2,3,6,7,8 Hx	CDF	0.000060 J	ND(0.00011)	NS	0.0000097	0.000031 [0.000025]
1,2,3,7,8,9-Hx		0.000064 J	ND(0.00013)	NS	0.0000039 J	0 0000078 [0 0000062]
2,3,4,6,7,8-Hx	CDF	0.000058 J	ND(0.00012)	NS	0 000021	0.00013 [0.000096]
HxCDFs (total))	0.00029	ND(0.00012)	NS	0.00028	0.0018 [0.0014]
1.2.3.4.6.7.8-	HpCDF	0.00013 J	ND(0.000082)	NS	0.000042	0.00012 [0.000092]
1,2,3,4,7,8,9-		ND(0.000075)	ND(0.000099)	NS	0.0000061	0.000011 [0.0000098]
HpCDFs (total)	0.00013	ND(0.000089)	NS	0.000092	0.00034 [0.00027]
OCDF		ND(0.00011) X	ND(0.000095)	NS	0.000032	0.000040 [0.000036]
Dioxins						
2,3,7,8-TCDD		ND(0.000042)	ND(0.00016)	NS	ND(0.0000011) X	ND(0.00000054) X [ND(0.00000043) X]
TCDDs (total)		ND(0.000042)	ND(0.00016)	NS	0.0000019	0.0000047 [0.0000057]
1,2,3,7,8-PeCI	DD	ND(0.000059)	ND(0.00018)	NS	0.0000021	0.0000014 [0.0000011 J]
PeCDDs (total)	ND(0.000059)	ND(0.00018)	NS	0.0000089	0.000013 [0.000012]
1,2,3,4,7,8-Hx	CDD	ND(0.000039)	ND(0.00015)	NS	0.0000016 J	0.0000013 J [0.0000012 J]
1,2,3,6,7,8-Hx		ND(0.000039)	ND(0.00015)	NS	0.0000028 J	0.0000021 J [0.0000018 J]
1,2,3,7,8,9-Hx	CDD	ND(0.000056) X	ND(0.00014)	NS	0.0000019 J	0.0000015 [0.0000012 J]
HxCDDs (total)	ND(0.000038)	ND(0.00014)	NS	0.000018	0.000025 [0.000022]
1,2,3,4,6,7,8+		ND(0.000054)	ND(0.000078)	NS	0.000015	0.000027 [0.000020]
HpCDDs (total	i)	ND(0.000054)	ND(0.000078)	NS	0.000030	0.000053 [0.000040]
OCDD		0.00022 J	ND(0.00015) X	NS	0.000072	0.00011 [0.000080]
Total TEQs (W	VHO TEFs)	0.000099	0.00025	NS	0.000024	0.000066 [0.000049]
Inorganics						
Antimony		ND(12.0)	ND(12.0)	NS	ND(12.0)	ND(12.0) [ND(14.0)]
Arsenic		ND(21.0)	ND(15.0)	NS	ND(20.0)	ND(15.0) [ND(15.0)]
Barium		ND(42.0)	ND(30.0)	NS	ND(40.0)	40.0 [54.0]
Beryllium		0.300	0.260	NS	0.280	0.290 [0.370]
Cadmium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Chromium		12.0	7.70	NS	12.0	11.0 [13.0]
Cobalt		11.0	12.0	NS	ND(10.0)	11.0 [15.0]
Copper		33.0	25.0	NS	34.0	46.0 [51.0]
Cyanide		ND(1.00)	ND(1.00)	NS	9.20	ND(1.00) [ND(1.00)]
Lead		34.0 J	17.0 J	NS	34.0	44_0 [46.0]
Mercury		ND(0.280)	ND(0.260)	NS	ND(0.270)	0.300 [ND(0.320)]
Nickel		21.0	19.0	NS	14.0	19.0 [24.0]
Selenium		ND(1.00)	ND(0.97D)	NS	ND(1.00) J	ND(0.990) J [ND(1.20) J]
Silver		ND(1.00)	ND(0.970)	NS	ND(1.00)	ND(0.990) [ND(1.20)]
Sulfide		160 J	770 J	NS	21.0	16.0 [ND(8.00)]
Thallium		ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Tin	5.000 million - 1.000 million -	ND(62.0)	ND(58.0)	NS	ND(60.0)	ND(59.0) [ND(72.0)]
Vanadium		11.0	ND(9.70)	NS	12.0	16.0 [19.0]
Zinc		91.0 J	54.0 J	NS	49.0	75.0 [97.0]

Averaging Area: Sample ID:	4B RAA4-10	4B RAA4-13	4B RAA4-15	4B RAA4-16	4B RAA4-16	4B RAA4-17
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1
Parameter Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01
olatile Organics						
1,1,2-Tetrachioroethane	ND(0 0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1-Trichloroethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1.2.2-Tetrachioroethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
1,1,2-Trichloroethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
,1-Dichloroethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
.1-Dichioroethene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
.2,3-Trichloropropane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
,2-Dibromo-3-chloropropane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
,2-Dibromoethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	NO(0.82)	ND(0.0080)
,2-Dichloroethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	NO(0.82)	ND(0.0080)
2-Dichloropropane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	NO(0.82)	ND(0.0080)
,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	NS	ND(33) J	NÐ(0.20) J
-Butanone	ND(0.10)	ND(0,10)	ND(0.10)	NS	ND(16)	ND(0.10)
-Chloro-1,3-butadiene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
-Chloroethylvinylether	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
-Hexanone	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
-Chloropropene	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
-Methyl-2-pentanone	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Acetone	ND(0.10)	ND(0.10)	ND(0.10)	NS	ND(16)	ND(0.10)
cetonitrite	ND(0.15) J	ND(0.17) J	ND(0.14) J	NS	ND(16) J	ND(0.16)
Acrolein	ND(0.15) J	ND(0.17) J	ND(0.14) J	NS	ND(16) J	ND(0.16) J
crylonitrile	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Benzene	ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	5.50	ND(0.00800)
Bromodichloromethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Bromoform	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Bromomethane	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Carbon Disulfide	ND(0.010)	ND(0.010)	ND(0.010)	NS	ND(1.6)	ND(0.010)
Carbon Tetrachloride	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Chlorobenzene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	0.66 J	ND(0.0080)
Chloroethane	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Chloroform	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Chloromethane	ND(0.016)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
ss-1,3-Dichloropropene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dibromochloromethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dibromomethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Dichlorodifluoromethane	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Ethyl Methacrylate	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Ethylbenzene	ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	21.0	ND(0.00800)
odomethane	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
sobutanol	ND(0.29) J	ND(0.33) J	ND(0.28) J	NS	ND(33) J	ND(0.32) J
Methacrylonitrile	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Methyl Methacrylate	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Methylene Chloride	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
Propionitrile	ND(0.073) J	ND(0.083) J	ND(0.069) J	NS	ND(8.2) J	ND(0.080) J
Styrene	ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	ND(0.820)	ND(0.00800)
etrachloroethene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
oluene	ND(0.00730)	ND(0.00830)	ND(0.00690)	NS	27.0	ND(0.00800)
rans-1,2-Dichloroethene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
rans-1,3-Dichloropropene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)
rans-1,4-Dichloro-2-butene	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
richloroethenc	ND(0.0073)	ND(0.0083)	ND(0.0069)	≜\S	ND(0.82)	ND(0.0080)
Trichlorofluoromethane	ND(0.0073) J	L (8500.0)	ND(0 0069) J	NS	ND(0.82)	ND(0.0080) J
/inyi Acetate	ND(0.016)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Vinyl Chloride	ND(0.015)	ND(0.017)	ND(0.014)	NS	ND(1.6)	ND(0.016)
Xylenes (total)	ND(0.015)	ND(0.0083)	ND(0.014)	NS	87	ND(0.0080)

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

Averaging Area: Sample ID:	4 B RAA4-10	4B RAA4-13	4B RAA4-15	4B RAA4-16	4B RAA4-16	4 B RAA4-17
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1
Parameter Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01
emivolatile Organics						
,2,4,5-Tetrachlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
.2,4-Trichlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
,2-Dichlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
.2-Diphenyihydrazine	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
,3,5-Trinitrobenzene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
,3-Dichlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
.3-Dinitrobenzene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
.4-Dichlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
,4-Naphthoguinone	ND(2.50)	ND(28.0)	ND(4,40)	ND(25.0)	NS	ND(2.70)
-Naphthylamine	ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.70)
2,3,4,6-Tetrachlorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	I NS	ND(0.530)
4,5-Trichlorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4,6-Trichiorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
,4-Dichlorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2,4-Dimethylphenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
4-Dinitrophenol	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2,70)
2,4-Dinitrotaluene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
2.6-Dichlorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2.6-Dinitrotoluene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.0) J	NS	ND(0.530)
-Acetylaminofluorene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10) J	NS	ND(1.10)
-Chloronaphthalene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Chlorophenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
2-Methvinaphthalene	ND(0.480)	ND(5.50)	ND(0.880)	95.0	NS	ND(0.530)
2-Methylphenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
-Nachtylamine	ND(2.50)	ND(28.0)	ND(4.40)	ND(25 0)	NS	ND(2.70)
-Nitroaniline	ND(2.50)	ND(28.0)	ND(4.40)		NS	
-Nitrophenol	ND(0.980)	ND(20.0) ND(11.0)	ND(1.80)	ND(25) J ND(10.0)	NS NS	ND(2,70) ND(1.10)
P-Picoline	ND(0.480)	ND(11.0) ND(5.50)	ND(0.880)			
	ND(0.980)	ND(5.50)	ND(1.80)	ND(5.00)	NS	ND(0.530)
384-Methylphenoi			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ND(10.0)	NS	ND(1.10)
3,3'-Dichtorobenzidine	ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.7) J
3,3'-Dimethylbenzidine	ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
3-Methylcholanthrene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
3-Nitroaniline	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
.6-Dinitro-2-methylphenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
I-Aminobiphenyl	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
-Bromophenyi-phenylether	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
-Chloro-3-Methylphenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
-Chloroaniline	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
-Chlorobenzilate	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
-Chlorophenyl-phenylether	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
-Nitroaniline	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
-Nitrophenol	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
-Nitroquinoline-1-oxide	ND(2.5) J	ND(28) J	ND(4,4) J	ND(25) J	NS	ND(2.7) J
-Phenylenediamine	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
-Nitro-o-toluidine	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
,12-Dimethylbenz(a)anthracene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
,a'-Dimethylphenethylamine	ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2.70)
cenaphthene	ND(0.480)	ND(5.50)	ND(0.880)	8.60	NS	ND(0.530)
cenaphthylene	ND(0.480)	4.80 J	ND(0.880)	36.0	NS	0.180 J
cetophenone	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
niline	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.09)	NS	ND(0.530)
withracene	ND(0.480)	4.70 J	ND(0.880)	80.0	NS	ND(0.530)
ramite	ND(0.98) J	ND(11) J	ND(1.8) J	ND(10) J	N5	ND(1.1) J
lenzidine	ND(0.98)	NC(11)	ND(1.8)	ND(10)	NS	ND(1-1) J
ienzo(a)anthracene	0.250 J	49.0	0.210 J	44.0	NS	0.280 J
enzo(a)pyrene	ND(0.480)	38.0	NO(0.880)	37.0	NS	0.210 J
lenzo(b)fluoranthene	ND(0.489)	34.6	ND(0.880)	14.0	NS	
enzo(g.h.:perviene	0.140 J	25.0	ND(0.880)	22.0	the second se	0.170 J
Senzo(k)fluoranthene	ND(0.480)	35.0	ND(0.880)	22.0	NS L	0.270 J
	ND(0.980)			and the second	NS	0.310 J
lerizyl Alcohol Is(2-Chloroethoxy)methane		ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
5575 0001061002V101619208	ND(0.480)	ND(5.50)	ND(0.88C)	ND(5.00)	NS	ND(0.530)
is(2-Chloroetnyi)ether	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)

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

Averaging Area:	4B	4B	4B	4B	48	48
Sample ID:	RAA4-10	RAA4-13	RAA4-15	RAA4-16	RAA4-16	RAA4-17
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1
arameter Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01
emivolatile Organics (continued)						
is(2-Ethylhexyi)phthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0 530)
utylbenzylphthalate	ND(0.980)	ND(11.0)	ND(1.80)	ND(10) J	NS	ND(1.10)
hrysene	0.280 J	43.0	0.340 J	40.0	NS	0.390 J
hallate	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
ibenzo(a.h)anthracene	ND(0.980)	6.20 J	ND(1.80)	ND(10.0)	NS	ND(1.10)
Dibenzofuran	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diethylphthaiate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Dimethylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Di-n-Butylphthalale	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
li-n-Octylphthalate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Diphenylamine	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
thyl Methanesulfonate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
luoranthene	0.560	71.0	0.590 J	76.0	NS [0.290 3
luorene	ND(0.480)	ND(5.50)	ND(0.880)	64.0	NS	ND(0.530)
lexachlorobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
lexachlorobutadiene	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
lexachlorocyclopentadiene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
exachioroethane	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
iexachlorophene	ND(0.98) J	ND(11) J	ND(1.8) J	ND(10) J	NS	ND(1.1) J
Hexachloropropene	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0) J	NS	ND(0.530)
ndeno(1,2,3-cd)pyrene	0.120 J	25.0	ND(1.80)	13.0	NS	ND(1.10)
sodrin	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)
sophorone	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
sosafrole	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1 10)
Methapyrilene	ND(2.5) J	ND(28) J	ND(4.4) J	ND(25) J	NS	ND(2.7) J
Methyl Methanesulfonate	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Naphthalene	ND(0.480)	ND(5.50)	ND(0.880)	880	NŚ	ND(0.530)
Vitrobenzene	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosodiethylamine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosodimethylamine	ND(2.40)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
N-Nitroso-di-n-butylamine	ND(0.98) J	ND(11) J	ND(1.8) J	ND(10.0)	NS	ND(11) J
V-Nitroso-di-n-propylamine	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
N-Nitrosodiphenylamine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosomethylethylamine	ND(0.980)	ND(5.50)	ND(0.930)	ND(5.00)	NS	ND(1.10)
N-Nitrosomorpholine	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0) J	NS	ND(0.53) J
N-Nitrosopiperidine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
N-Nitrosopyrrolidine	ND(0.980)	ND(11.0)	ND(1.80)	ND(10.0)	NS	ND(1.10)
o.o.o-Triethylphosphorothioate	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0)	NS	ND(0.53)
o-Toluidine	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.0) J	NS	ND(0.530)
o-Dimethylaminoazobenzene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Pentachlorobenzene	ND(0,480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pentachloroethane	ND(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.0)	NS	ND(0.53) J
Pentachloronitrobenzene	ND(2.50)	ND(28.0)	ND(4.40)	ND(25) J	NS	ND(2 7) J
Pentachlorophenol	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Phenacetin	ND(2.50)	ND(28.0)	ND(4.40)	ND(25.0)	NS	ND(2.70)
Phenanthrene	0.520	2.30 J	0 440 J	280	NS	0.260 J
Phenol	ND(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
Pronamide	NO(0.480)	ND(5.50)	ND(0.880)	ND(5.00)	NS	ND(0.530)
>yrene	0.520	76.0	0.530 J	230	NS	0.810
Pyridine	NO(0.48) J	ND(5.5) J	ND(0.88) J	ND(5.00)	NS	ND(0.530)
Safroie	ND(0.48C)	ND(5 50)	ND(0 880)	ND(5.00)	NS	ND(0.530)
Thionazin	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NŚ	ND(0.53)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Sampl	veraging Area: Sample ID: e Depth(Feet): ate Collected:	48 RAA4-10 0-1 01/30/01	4B RAA4-13 0-1 01/30/01	4B RAA4-15 0-1 01/30/01	4B RAA4-16 6-15 01/24/01	4B RAA4-16 12-14 01/24/01	4B RAA4-17 0-1 01/29/01
Furans							
2,3,7,8-TCDF		0.0000038	0 000032	0.00013	ND(0.000062)	NS	0.0000087
TCDFs (total)		0.000033	0.00034	0.0010	ND(0.000062)	NS	0.000121
1,2,3,7,8-PeCDF		0.0000013 J	0.000012	0.000031	ND(0.000059)	NS	0.0000038
2,3,4,7,8-PeCDF		0.0000024	0.00018	0.000049	ND(0.000058)	NS	0.000035
PeCDFs (total)		0.000024	0.0016 Q	0.00055 Q	ND(0.000058)	NS	0.00052
1.2.3.4.7.8-HxCDF		0.0000026	0.000017	0.000022	ND(0.000054)	NS	ND(0.0000076) X
1.2.3.6.7.8-HxCDF		0.0000013 J	0.000030	0.000016	ND(0.000050)	NS	0.000016
1.2.3.7.8.9-HxCDF		0.00000037 J	0.0000078	0.0000038	ND(0 000059)	NS	ND(0.0000033)
2,3,4,6,7,8-HxCDF		0.0000016 J	0.000089	0.000026	ND(0.000055)	NS	0.000063
HxCDFs (total)		0.000023	0.0011	0.00035	ND(0.000054)	NS	0.00086
1,2,3,4,6,7,8-HpCDF		ND(0.0000056)	0.000041	0.000042	ND(0.000092)	NS	0.000059
1.2.3.4.7.8.9-HpCDF		U.00000098 J	0.0000054	0.0000050	ND(0.00011)	NS	0.0000052
HoCDFs (total)		0.000012	0.00011	0.000091	ND(0.00010)	NS	0.00017
OCDF		0.000011	0.000030	0.000032	ND(0.00011)	NS	0.000016
Dioxins							11001010
2.3.7.8-TCDD		ND(0.00000095)	ND(0.0000055) X	0.0000011	ND(0.000084)	NS	0.0000083
TCDDs (total)		0.00000030	0.0000012	0.000023	ND(0.000084)	NS	0.0000083
1,2.3,7,8-PeCDD		ND(0.00000070)	0.0000019 J	L 8100000	ND(0.009080)	NS	ND(0.0000011) X
PeCDDs (total)		ND(0.0000082)	0.000022 Q	0.000026 Q	ND(0.000080)	NS	0.000023
1,2,3,4,7,8-HxCDD		ND(0.000000097)	0.0000014 J	0.00000086 J	ND(0.000064)	NS	0.0000023
1,2,3,6,7,8-HxCDD		0.00000026	ND(0.0000035) X	0.0000018 J	ND(0.000063)	NS	ND(0.00000098) X
1,2,3,7,8,9-HxCDD		ND(0.00000011) X	0.0000020.1	0.0000011 J	ND(0.000058)	NS	0.00000071 J
HxCDDs (total)		0.0000012	0.000038 Q	0.000020	ND(0.000062)	NS	0.000031
1,2,3,4,6,7,8-HpCDD		ND(0.0000025)	0.000029	0.000017	ND(0.000077)	NS	0.000011
HoCDDs (total)		0.0000063	0.000056	0.000036	ND(0.000077)	NS	0.000022
		ND(0.000014)	0.00017	0.000094	ND(0.00012)	NS	0.000022
Total TEQs (WHO TE	Fe\	0.0000024	0.00011	0.000050	0.00012	NS	0.000029
Inorganics		0.0000021	0.00011	0.00000	0.0001£	190	0.00002.5
Antimony		ND(13.0)	ND(15.0)	ND(12.0)	ND(12.0)	NS	NUD(64 O)
Arsenic		ND(15.0)	ND(15.0) ND(25.0)	ND(15.0)	ND(12.0)	NS	ND(14.0) ND(24.0)
Barium		97.0	ND(20.0)	38.0	36.0	NS	
Beryllium		0.330	0.310	0.340	0.350	NS	<u>ND(48.0)</u> 0.430
Cadmium		ND(2.20)	ND(2.50)	ND(2.10)	0.350 ND(2.00)	NS NS	A CONTRACTOR OF A CONTRACTOR O
Chromium		15.0	11.0	16.0	9.80	NS	ND(2.40) 11.0
Cobalt	****	16.0	ND(12.0)	16.0	9.80	NS NS	
Соррег		78.0	35.0	41.0	36.0	NS NS	ND(12.0) 33.0
Cyanide		ND(1.00)	ND(1.00)	ND(1.00)	36.0 79.0	NS NS	T THE WEAK AND A SAME
Lead		76.0	37.0	46.0	13.0 J		ND(1.00)
Lead Mercury		ND(0.290)	ND(0.330)	46.0 ND(0.280)		NS	28.0
Nickel		30.0	20.0	25.0	ND(0.260) 27.0	NS NS	ND(0.320)
Selenium		ND(1,10) J	ND(1.20) J	25.0 ND(1.00) J			21.0 NDV1.200 L
Silver		ND(1.10) J	ND(1.20) 3	ND(1.00) J ND(1.00)	ND(0.980) ND(0.980)	NS NS	ND(1.20) J
Sulfide		25.0	ND(1.20) ND(8.30)	ND(1.00) ND(6,90)	1600 J	NS NS	ND(1.20)
Thallium	· · · · · · · · · · · · · · · · · · ·	25.0	ND(8.30) ND(2.50)		A STATE OF		23.0
Tin		2.30 ND(66.0)	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)
				ND(62.0)	ND(59.0)	NS	ND(72.0)
Vanadium		<u>16 0</u> 160	14.0	14.0	12.0	NS	16.0
Zinç		160	67.0	95.0	52.0 J	NS	63.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:		4B	4B	48	4B	4B	4B
	Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21
Sample Depth(Feet): Parameter Date Collected:	1-6 01/29/01	4-6 01/29/01	0-1 01/29/01	1-6 01/29/01	3-4 01/29/01	6-15 01/29/01	
olatile Orga		0//23/01	01/25/01	01/23/01	0//25/01	0.023/01	01/23/01
	chioroethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1.1-Trichio		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
	chloroethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1.1.2-Trichlor		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1-Dichloroe		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1,1-Dichloroe	and an and an an an and an an an and an an an and an	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1.2.3-Trichlor		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
***************************************	3-chloropropane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
.2-Dibromoe		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
1.2-Dichlorae	· · · · · · · · · · · · · · · · · · ·	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
.2-Dichlorop		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
.4-Dioxane		NS	ND(0.20) J	ND(0.20) J	NS	ND(0.20) J	NS
2-Butanone		NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1.3-	buladiene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
-Chioroethy		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
2-Hexanone		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
3-Chloroprop	ene	NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
-Methyl-2-pe		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Acetone		NS	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile		NS	ND(0.11)	ND(0.14)	NS	ND(0.11)	NS
Acrolein		NS	ND(0.11) J	ND(0.14) J	NS	ND(0.11) J	NS
Acrylonitrile		NŞ	ND(0.011)	ND(0.014)	N\$	ND(0.011)	NS
Benzene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
Bromodichlor	omethane	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Bromoform		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Bromometha	ne	NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Carbon Disul	fide	NS	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetra	chloride	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chlorobenzei		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chloroethane		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Chloroform	· · · · · · · · · · · · · · · · · · ·	N\$	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Chlorometha	ne	NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
sis-1,3-Dichle		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dibromochlor	the second se	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dibromometh		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Dichlorodifluc		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Ethyl Methac		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
thylbenzene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
odomethane		NS	ND(0.0057)	ND(0,0072)	NS	ND(0.0054)	NS
sobutanol		NS	ND(0.23) J	ND(0.29) J	NS	ND(0.22) J	NS
Methacryloni	trile	NS	ND(0.011)	ND(0.014)	NS	ND(0,011)	NS
Methyl Methr		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
vethylene Cl		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
Propionitrile		NŚ	ND(0.057) J	ND(0.072) J	NS	ND(0.054) J	NS
Styrene		NS	ND(0.00570)	ND(0.00720)	NG	ND(0.00540)	NS
etrachioroei	hene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
oluene		NS	ND(0.00570)	ND(0.00720)	NS	ND(0.00540)	NS
rans-1.2-Dic	hioroethene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
	hioropropene	NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
	hloro-2-butene	NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
Inchloroethe		NS	ND(0.0057)	ND(0.0072)	NS	ND(0.0054)	NS
richiorofiuor		NS	ND(0.0057) J	ND(0.0072) J	NS	ND(0.0054) J	NS
/invi Acetale		NS	ND(0.011)	ND(0.014)	NS	NO(0.011)	NS
vinyl Chlonde		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS
(vienes (tota		NS	ND(0.011)	ND(0.014)	NS	ND(0.011)	NS

Averaging Area: Sample ID: Seculo Denth/Eactive	48 RAA4-18	4B RAA4-18	4B RAA4-19	4B RAA4-19	4B RAA4-19	48 RAA4-21
Sample Depth(Feet): Parameter Date Collected:	1-6 01/29/01	4-6 01/29/01	0-1 01/29/01	1-6 01/29/01	3-4 01/29/01	6-15 01/29/01
Semivolatile Organics	01123101	GILLIUT	01323/01	0.025001	01125101	1 01123/01
2.4.5-Tetrachiorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,2,4-Trichlorobenzene	ND(0 380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
,2-Dichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1.2-Diphenylhydrazine	ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)
1,3,5-Trinitrobenzena	ND(0.760)	NS	ND(0.970)	ND(0,720)	NS	ND(1.10)
.3-Dichlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
1,3-Dinitrobenzene	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
,4-Dichlorobenzene	ND(0.380)	NS	ND(0,480)	ND(0.360)	NS	ND(0.550)
1,4-Naphthoquinone	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
I-Naphthylamine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2.3.4.6-Tetrachlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4,5-Trichlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2.4,6-Trichlorophenol	ND(0 380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dichlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dimethylphenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2,4-Dinitrophenol	ND(1.90)	NS	ND(2.4) J	ND(1.8) J	NS	ND(2.8) J
2,4-Dinitrotoluene	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2.6-Dichlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2.6-Dinitrotoluene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Acetylaminofluorene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
2-Chioronaphthalene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Chlorophenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Methylnaphthalene	ND(0.380)	NS NS	0.0970 J	ND(0.360)	NŠ	ND(0.550)
2-Methylphenol	ND(0.380)		ND(0.480)	ND(0.360)	NS	ND(0.550)
2-Naphthylamine	ND(1.90) ND(1.90)	NS NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
2-Nitroaniline 2-Nitrophenol	ND(1.90) ND(0.760)	NS	ND(2.40) ND(0.970)	ND(1.80)	NS	ND(2.80)
2-Picoline	ND(0.380)	NS	ND(0.480)	ND(0.720)	NS NS	ND(1.10)
3&4-Methylphenol	ND(0.760)	NS	ND(0.480)	ND(0.360) ND(0.720)	NS	ND(0.550)
3,3'-Dichlorobenzidine	ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS NS	ND(1.10)
3,3'-Dimethylbenzidine	ND(1.90)	NS	ND(2,40)	ND(1.80)	NS	ND(2.80) ND(2.80)
3-Methylcholanthrene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(2.80)
3-Nitroaniline	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(1.10)
1,6-Dinitro-2-methylphenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Aminobiphenyl	ND(0,760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Bromophenyl-phenylether	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Chloro-3-Methylphenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
4-Chloroaniline	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
4-Chlorobenzilate	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Chlorophenyl-phenylether	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
-Nitroaniline	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
1-Nitrophenol	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Nitroquinoline-1-oxide	ND(1.9) J	NŜ	ND(2.40)	ND(1.80)	NS	ND(2.80)
4-Phenylenediamine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
S-Nitro-o-toluidine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
7,12-Dimethylbenz(a)anthracene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)
a,a'-Dimethylphenethylamine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)
Acenaphthene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
Acenaphthylene	ND(0.380)	NS	0.200 J	ND(0.360)	NS	ND(0.550)
kcetophenone	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
vailine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)
inthracene	NO(0.380)	NS	0.170 J	ND(0.360)	NS	ND(0.550)
ramie	ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J
Benzidine	ND(0.75) J	NS	ND(0.97) 3	ND(0.72) J	NS	ND(11) J
senzo(a)anthresenc	ND(0.380)	NS	0.570	NCI(0.360)	NS	ND(0.550)
Senzo(a)pyrene	ND(0.380)	NS	0.580	ND(0.360)	NS	ND(0.550)
Senzo(b)fluoranthens	ND(0.380)	NS NC	<u>NÜ(0.480)</u>	ND(0.366)	NS	ND(0.550)
Benzo(g.h.i)perylene	ND(0.380)	NS	0 520	MD(0.350)	NS	ND(0.550)
Senzo(k)/luoranthene	ND(0.380)	NS NC	0.470 J	ND(0.360)	NS	ND(0.550)
Benzyl Alconol	ND(0.760)	NS NS	ND(0.970)	ND(0.726)	<u>NS</u>	ND(1.10)
ils(2-Chloroethoxy)methane	ND(0.380)		ND(0.480)	ND(0.360)	NS	ND(0.550)
sis(2-Chlorcethyl)ether	ND(0.380) ND(0.38) J	NS NS I	ND(0.480) ND(0.48) J	ND(0.360) ND(0.36) J	NS NS	ND(0.550) ND(0.55) J

Averaging Area:	4B	4B	4B	48	48	4B	
Sample ID:	RAA4-18	RAA4-18	RAA4-19	RAA4-19	RAA4-19	RAA4-21	
Sample Depth(Feet):	1-6	4-6	0-1	1-6	3-4	6-15	
Parameter Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	
Semivolatile Organics (continued)							
bis(2-Ethylhexyl)phthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Butylbenzylphthalate	NO(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
Chrysene	U.0880 J	NS	0.610	ND(0.360)	NS	ND(0.550)	
Diallate	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1,10)	
Dibenzo(a,h)anthracene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
Dibenzofuran	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Diethyiphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Dimethylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Di-n-Butylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Di-n-Octylphthalate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Diphenylamine	ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)	
Ethyl Methanesulfonate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Fluoranthene	0.0820 J	NS	1.00	ND(0.360)	NS	ND(0.550)	
Fluorene	ND(0.380)	NS	0.160 J	ND(0.360)	NS	ND(0.550)	
Hexachlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NŞ	ND(0.550)	
Hexachlorobutadiene	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
Hexachlorocyclopentadiene	ND(0.380)	NS	ND(0.48) 3	ND(0.36) J	NS	ND(0.55) J	
Hexachioroethane	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Hexachiorophene	ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J	
Hexachloropropene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Indeno(1,2,3-cd)pyrene	ND(0.760)	NS	0.400 J	ND(0.720)	NS	ND(1.10)	
Isodrin	ND(0.38)	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)	
Isophorone	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Isosafrole	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
Methapyrilene	ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)	
Methyl Methanesulfonate	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Naphthalene	ND(0.380)	NŚ	0.200 J	ND(0.360)	NS	ND(0.550)	
Nitrobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
N-Nitrosodiethylamine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
N-Nitrosodimethylamine	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.70)	
N-Nitroso-di-n-butylamine	ND(0.76) J	NS	ND(0.97) J	ND(0.72) J	NS	ND(1.1) J	
N-Nitroso-di-n-propylamine	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
N-Nitrosodiphenylamine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
N-Nitrosomethylethylamine	ND(0.750)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
N-Nitrosomorpholine	ND(0.38) J	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J	
N-Nitrosopiperidine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
N-Nitrosopyrrolidine	ND(0.760)	NS	ND(0.970)	ND(0.720)	NS	ND(1.10)	
o.o.o-Triethylphosphorothicate	ND(0.38)	NS	ND(0.48) J	ND(0.36) J	NS	ND(0.55) J	
o-Toluídine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
p-Dimethylaminoazobenzene	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)	
Pentachlorobenzene	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.650)	
Pentachloroethane	ND(0.38) J	NS	ND(0.48)	ND(0.36)	NS	ND(0.55)	
Pentachloronitrobenzene	ND(1.9) J	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)	
Pentachlorophenol	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)	
Phenacetin	ND(1.90)	NS	ND(2.40)	ND(1.80)	NS	ND(2.80)	
Phenanthrene	ND(0.380)	NS	1,10	ND(0.360)	NS	0.120 J	
Phenol	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Pronamide	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Pyrene	0.100 J	NS	1.10	ND(0.360)	NS	ND(0.550)	
Pyridine	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Safroie	ND(0.380)	NS	ND(0.480)	ND(0.360)	NS	ND(0.550)	
Thionazin	ND(0.38)	NS	ND(0.48)	NO(0.36)	NS	ND(0.55)	

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-18 1-6 01/29/01	4B RAA4-18 4-6 01/29/01	4B RAA4-19 0-1 01/29/01	4B RAA4-19 1-6 01/29/01	4B RAA4-19 3-4 01/29/01	4B RAA4-21 6-15 01/29/01
Furans							
2,3,7,8-TCDF		ND(0.000010)	NS	0.000018	ND(0.000011)	NS	ND(0.000014)
TCDFs (total)		ND(0.000010)	NS	0.000161	ND(0.000011)	NS	ND(0.000014)
1,2,3,7,8-PeC		ND(0.000020)	NS	0 0000049	ND(0.000015)	NS	ND(0.000017)
2.3.4.7.8-PeC		ND(0.000019)	NS	0.0000080	ND(0.000015)	NS	ND(0.000017)
PeCDFs (tota		0 000042	NS	6.00011	ND(0.000015)	NS	ND(0.000017)
1,2,3.4.7.8-H	CDF	ND(0.00018)	NS	0.0000044	ND(0.0000094)	NS	ND(0.000012)
1.2.3.6.7.8-H		ND(0.00017)	NS	0.0000039	ND(0.0000088)	NS	ND(0.000011)
1.2.3.7.8.9-H		NO(0.00020)	NS	L 88000000.0	ND(0.000010)	NS	ND(0.000013)
2,3,4,6,7,8-H		ND(0.00018)	NS	0.0000077	ND(0.0000095)	NS	ND(0.000012)
HxCDFs (tota		0.000066	NS	0.00011	ND(0.0000095)	NS	ND(0.000012)
1,2,3,4,6,7,8-	- f	0.000021J	NS	0.000012	ND(0.0000087)	NS	ND(0.000012)
1,2,3,4,7,8,9-		ND(0.000053)	NS	0.0000014 J	ND(0.000010)	NS	ND(0.000014)
HpCDFs (tota		0.000021	NS	0.000028	ND(0.0000095)	NS	ND(0.000013)
OCDF		ND(0.000023)	NS	0.0000089	ND(0.000022)	NS	ND(0.000020)
Dioxins					· · · · · · · · · · · · · · · · · · ·		
2.3.7.8-TCDD)	ND(0.000016)	NS	ND(0.00000030) X	ND(0.000018)	NS	ND(0.000019)
TCDDs (total)		ND(0.000016)	NS	0.0000027	ND(0.000018)	NS	ND(0.000019)
1.2.3.7.8-PeC		ND(0.000026)	NS	ND(0.00000093) X	ND(0.000017)	NS	ND(0.000020)
PeCDDs (tota		ND(0.000026)	NS	0.0000034	ND(0.000017)	NS	ND(0.000020)
1.2.3.4.7.8-H		ND(0.000014)	NS	0.00000028 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,6,7,8-H		ND(0.000014)	NS	0.00000050 J	ND(0.000011)	NS	ND(0.000012)
1,2,3,7,8,9-H		ND(0.000013)	NS	0.00000039 J	ND(0.000010)	NS	ND(0.000011)
HxCDDs (tota		ND(0.000014)	NS	0.0000051	ND(0.000011)	NS	ND(0.000012)
1,2,3,4,6,7,8-	/	ND(0.000023)	NS	0.0000072	ND(0.000018)	NS	ND(0.000021)
HpCDDs (tota		ND(0.000023)	NS	0.000017	ND(0.000018)	NS	ND(0.000021)
OCDD	*'/	ND(0.000026)	NŞ	0.000057	ND(0.000027)	NS	ND(0.000036)
Total TEQs (V	NHO TEES)	0.000066	NS	0.0000087	0.000026	NS	0.000029
Inorganics	1			0.0000000	0.000020		0.000020
Antimony		ND(10.0)	NS	ND(13.0)	ND(9.70)	NS	ND(15.0)
Arsenic		ND(15.0)	NS	ND(15.0)	ND(15.0)	NS	ND(25.0)
Barium		32.0	NS	53.0	ND(30.0)	NS	76.0
Bervillium		0.290	NS	0.410	0.250	NS	0.680
Cadmium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Chromium		7.30	NS	11.0	6.90	NS	17.0
Cobalt		9.80	NS	ND(11.0)	8.20	NS	18.0
Copper		ND(17.0)	NS	54.0	17.0	NS	30.0
Cvanide		ND(1.00)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)
Lead		12.0	NS	60.0	8.40	NS	18.0
Mercury		ND(0.230)	NS	ND(0.290)	ND(0.220)	NS	ND(0.330)
Nickel		15.0	NS	22.0	14.0	NS NS	32.0
Selenium		ND(0.850) J	NS	ND(1.20) J	ND(0.810) J	NS	ND(1.20) J
Silver		ND(0.850)	NS	ND(1.10)	ND(0.810)	NS	ND(1.20)
Sulfide		13.0	NS	23.0	6.90	NS	16.0
Thallium		ND(1.70)	NS	ND(2.20)	ND(1.60)	NS	ND(2.50)
Tin		ND(51.0)	NS	ND(65.0)	ND(48.0)	NS	ND(74.0)
Vanadium	f	ND(8 50)	NS	24.0	ND(8.10)	NS	17.0
Zinc		48.0	NS	86.0	32.0	NS	88.0

Averaging Area Sample ID		4B RAA4-22	4B RAA4-22	4B RAA4-A33	4B RAA4-A34	4B RAA4-A35
Sample Depth(Feet)		1-6	4-6	0-1	1-6	0-1
arameter Date Collected	4 4	01/31/01	01/31/01	05/16/02	05/16/02	05/16/02
olatile Organics			<u> </u>			······
1,1,2-Tetrachloroethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,1-Trichloroethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
1,2,2-Tetrachloroethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
,f,2-Trichloroethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
,1-Dichloroethane	ND(0.0083)	NS	ND(0 0068)	ND(0.0061)	NS	ND(0.0056)
,1-Dichloroethene	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
.2.3-Trichloropropane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
,2-Dibromo-3-chloropropane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
,2-Dibromoethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
,2-Dichloroethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
2-Dichloropropane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
4-Dioxane	ND(0.20) J	NS	ND(0.20) J	ND(0.12) J	NS	ND(0.11) J
-Butanone	ND(0.10)	NS	ND(0.10)	ND(0.012)	NS	ND(0.011)
-Chloro-1,3-butadiene	j ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
-Chloroethylvinylether	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
-Hexanone	ND(0.016)	NS	ND(0.014)	ND(0.012) J	NS	ND(0.011) J
-Chloropropene	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
-Methyl-2-pentanone	ND(0.016)	NS	ND(0.014)	ND(0.012)	NS	ND(0.011)
lcetone	ND(0.10)	NS	ND(0.10)	ND(0.024)	NS	ND(0.022)
Acetonitrile	ND(0.16)	NS	ND(0.14) J	ND(0.12) J	NS	ND(0.11) J
crolein	ND(0.16) J	NS	ND(0.14) J	ND(0.12) J	NS	ND(0.11) J
crylonitrile	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
lenzene	ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
Bromodichloromethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Bromotorm	ND(0.0083)	NS	ND(0.0068)	ND(0.0061) J	NS	ND(0.0056) J
Bromomethane	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Carbon Disulfide	ND(0.010)	NS	ND(0.010)	ND(0.0061)	NS	ND(0.0056)
Carbon Tetrachloride	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chlorabenzene	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chloroethane	ND(0.016)	NS	ND(0.014)	ND(0.0061) J	NS	ND(0.0056) J
Chioroform	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Chloromethane	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
is-1,3-Dichloropropene	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dibromochloromethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dibromomethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Dichlorodifluoromethane	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Ethyl Methacrylate	ND(0.015)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Ethylbenzene	ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
odomethane	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
sobutanol	ND(0.33) J	NS	ND(0.27) J	ND(0.12) J	NS	ND(0.11) J
/ethacrylonitrile	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Vethyl Methacrylate	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
Jethylene Chloride	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
Propionitrile	ND(0.083) J	NS	ND(0.068) J	ND(0.012)	NS	ND(0.011)
Styrene	ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
etrachloroethene	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NŚ	ND(0.0056)
oluene	ND(0.00830)	NS	ND(0.00680)	ND(0.00610)	NS	ND(0.00560)
rans-1.2-Dichloroethene	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
rans-1,3-Dichloroproperie	ND(0.00B3)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)
rans-1,4-Dichloro-2-butene	NO(6.016)	NS	ND(0.014)	ND(0.0051)	NS	ND(0.0056)
frichloroethene	ND(0.0083)	NS	ND(0.0058)	ND(0.0061)	NS	ND(0.0056)
richlorofluoromethane	ND(0.0083) J	NS	ND(0.0063) J	ND(0.0051)	NS	ND(0.0056)
/inyl Acetate	ND(0.016)	NS	ND(0.014)	ND(0.0031)	NS	ND(0.0056)
/inyl Chipride	ND(0.016)	NS	ND(0.014)	ND(0.0061)	NS	ND(0.0056)
(vlenes (total)	ND(0.0083)	NS	ND(0.0068)	ND(0.0061)	NS	ND(0.0056)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-21 12-14	48 RAA4-22 1-6	4B RAA4-22 4-6	4B RAA4-A33 0-1	48 RAA4-A34 1-6	4B RAA4-A35 0-1
Parameter Date Collected:	01/29/01	01/31/01	01/31/01	05/16/02	05/16/02	05/16/02
emivolatile Organics	01110707			1		
2,4,5-Tetrachlorobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
.2.4-Trichlorobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(9.370)
,2-Dichlarobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
,2-Diphenylhydrazine	NS	ND(0.54)	NS	NO(0.41)	NS	ND(0.37)
.3.5-Trinitrobenzene	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
.3-Dichlorobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
.3-Disitrobenzene	NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
.4-Dichlorobenzene	NS	ND(0.540)	NŜ	ND(0.410)	NS	ND(0.370)
4-Naohthoguinone	NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
-Naphthylamine	NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
.3,4,6-Tetrachlorophenol	NŞ	ND(0.540)	NS	ND(0.410)	NŚ	ND(0.370)
4,5-Trichlarophenol	NS	ND(0.540)	NS	ND(0.410)	NŜ	ND(0.370)
4,6-Trichtorophenol	NS	ND(0.540)	NS	ND(0.410)	NŞ	ND(0.370)
4-Dichlorophenol	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
.4-Dimethylphenol	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
.4-Dinitrophenol	NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
.4-Dinitrotoluene	NS	ND(2.70)	NS	ND(0.410)	NŜ	ND(0.370)
,6-Dichlorophenol	NS	ND(0,540)	NŚ	ND(0.410)	NŞ	ND(0.370)
2,6-Dinitrotoluene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
-Acetylaminofluorene	NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
-Chloronaphthalene	NS	ND(0.540)	NS	ND(0 410)	NS	ND(0.370)
-Chlorophenol	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
-Methylnaphthalene	NS	NO(0.540)	NS	0.110 J	NS	ND(0.370)
-Methylphenol	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
-Naphthylamine	NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
-Nitroaniline	NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
-Nitrophenol	NS	ND(1.10)	NS	ND(0.820)	NŚ	ND(0.750)
2-Picoline	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
&4-Methylphenol	NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
3,3'-Dichlorobenzidine	NS	ND(2.7) J	NS	ND(0.82) J	NS	ND(0.75) J
3'-Dimethylbenzidine	NS	ND(2.70)	NS	ND(0.410)	NS	ND(0.370)
-Methylcholanthrene	NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
-Nitroaniline	NS	ND(2.70)	NS	ND(2.10)	NS	ND(1.90)
1,6-Dinitro-2-methylphenol	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
I-Aminobiphenyl	NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
-Bromophenyl-phenylether	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
I-Chioro-3-Methylphenol	NS	ND(0.540)	NS	ND(0.410)	NŚ	ND(0.370)
-Chloroaniline	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
-Chlorobenzilate	NS	ND(2.70)	NS	ND(0.820)	NS NG	ND(0.750)
-Chlorophenyl-phenylether	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
4-Nitroaniline	NS NS	ND(2.70) ND(2.70)	NS NS	ND(2.10) ND(2.10)	NS NS	ND(1.90) ND(1.90)
4-Nitrophenol	NS NS	ND(2.70) ND(2.7) J	NS	ND(2.10) ND(0.820)	NS NS	ND(1.90) ND(0.750)
-Nitroguinoline-1-0xide	NS NS	ND(2.7) J ND(2.70)	NS NS	ND(0.820)	NS	ND(0.75) J
-Phenylenediamine -Nitro-o-toluidine	NS NS	ND(2.70)	NS	ND(0.820)	NS NS	ND(0.75) J ND(0.750)
7,12-Dimethylbenz(a)anthracene	NS	ND(1.1) J	NS NS	ND(0.820)	NS	ND(0.750)
, 12-Dimethylphenethylamine	NS NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Ca -Dimetrypheneoryannie	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
kcenaphthylene	NS	ND(0.540)	NS	0.720	NS	ND(0.370)
kcelophenone	NS	ND(0.540)	NŚ	ND(0.410)	NS	ND(0.370)
Aniline	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Anthracene	NS	0.140 J	NS	0.360 J	NS	ND(0.370)
Aramite	NS	ND(1.1) J	NS	ND(0.820)	NS	ND(0.750)
Senzidine	NS	ND(1.1)	NS	ND(0.82) J	NS	ND(0.75) J
senzo(a)aninracene	NS	0.110 J	NS	1.20	NS	0.150 J
Benzo(a)pyrene	NS	0,110 J	NS	1.30	NS	0.170 J
Benzo(b)/juoranthene	NS NS	ND(0,540)	NS	0.680	NS	0.160 J
Benzo(g,h,i)perviene	NS	NEI(0.540)	NS	1.00	NS	0.120 J
Benzo(g,h)/perviene	NS	ND(0.540)	NS	0.950	MS	0.130 J
Senzyi Alcohoi	NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
ws(2-Chloroethoxy)methane	NS NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
bis(2-Chioroethyl)ether	NS	ND(0.540)	NS	ND(0.410)	NS I	ND(9.370)
ois(2-Chloroisopropyl)ether	NS NS	ND(0.54) J	NS	ND(0.410)	NS	ND(0.370)

V::GE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data/PCH UATA8 xls Table B-1 (A) Page 38 of 197

Averaging Area: Sample ID:	4B RAA4-21	4B RAA4-22	4B RAA4-22	4B RAA4-A33	4B RAA4-A34	4B RAA4-A35
Sample Depth(Feet):	12-14	1-6	4-6	0-1	1-6	0-1
Parameter Date Collected:	01/29/01	01/31/01	01/31/01	05/16/02	05/16/02	05/16/02
emivolatile Organics (continued)	.					
is(2-Ethylhexyl)phthelate	NS	ND(0.540)	NS	ND(0.400)	NS	ND(0.370)
Butylbenzylphthafate	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Chrysene	NS	0.110 J	NS	1.30	NS	0.170 J
Dialiate	NŚ	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
Dibenzo(a,h)anthracene	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
Dibenzofuran	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Diethylphthalate	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Dimethylphthalate	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Di-n-Butylphthalate	NS	ND(0.540)	NS	0.180 J	NS	ND(0.370)
Di-n-Octylphthalate	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Diphenylamine	NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
thyl Methanesulfonate	NS	ND(0.54) J	NS	NO(0.410)	NS	ND(0.370)
luoranthene	NS	0.310 J	NS	1.80	NS	0.290 J
luorene	NS	ND(0.540)	NS	0.150 J	NS	ND(0.370)
lexachlorobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
lexachlorobutadiene	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
lexachlorocyclopentadiene	NS	ND(0.54) J	NS	ND(0.410)	NS	ND(0.370)
lexachloroethane	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
lexachlorophene	NS	ND(1.1) J	NS	ND(0.82)	NŜ	ND(0.75)
lexachloropropene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
ndeno(1,2,3-cd)pyrene	NS	ND(1.10)	NS	0.680	NS	ND(0.370)
sodrin	NS	ND(0.54)	NS	ND(0.41)	NS	ND(0.37)
sophorone	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
sosafrole	NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
Aethapyrilene	NS	ND(2.7) J	NS	ND(0.820)	NS	ND(0.750)
dethyl Methanesulfonate	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
Naphthalene	NS	0.520 J	NS	0.250 J	NS	ND(0.370)
Nitrobenzene	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
V-Nitrosodiethylamine	NS	ND(0.540)	NS	ND(0.410)	N\$	ND(0.370)
N-Nitrosodimethylamine	NS	ND(2.70)	NS	ND(0.410)	NS	ND(0.370)
Nitroso-di-n-butylamine	NS	ND(1.10)	NS	ND(0.820)	NS	ND(0.750)
Nitroso-di-n-propylamine	NS	ND(1.10)	NS	ND(0.410)	NS	ND(0.370)
-Nitrosodiphenylamine	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosomethylethylamine	NS	ND(0.910)	NS	ND(0.820)	NS	ND(0.750)
4-Nitrosomorpholine	NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
N-Nitrosopiperidine	NS NS	ND(0.540)	NS	ND(0.410)	NS	ND(0.370)
V-Nitrosopyrrolidine	NS NS	ND(1.10)	NS NS	ND(0.820)	NS	ND(0.750)
o.o.o-Triethylphosphorothioate	NS NS	ND(0.54) J ND(0.540)	NS NS	ND(0.41)	NS NS	ND(0.37)
-Dimethylaminoazobenzene	NS	ND(0.540)	NS NS	ND(0.410) ND(0.820)	NS NS	ND(0.370)
Pentachlorobenzene	NS NS	ND(0,540)	NS	ND(0.410)	NS	ND(0.750) ND(0.370)
Pentachloroethane	NS NS	ND(0.54)	NS	ND(0.410)	NS	ND(0.370)
Pentachloronitrobenzene	NS	ND(0.34)	NS	ND(0.820)	NS	ND(0.750)
² entachlorophenot	NS	ND(2.70)	NS	ND(2.10)	NS	ND(0.750) ND(1.90)
henacetin	NS	ND(2.70)	NS	ND(0.820)	NS	ND(0.750)
Phenanthrene	NS NS	0.540	NS	1.50	NS NS	0.150 J
henol	NS NS	ND(0.540)	NS NS	ND(0.410)	NS NS	ND(0.370)
Pronamide	NS	ND(0.540)	NS	ND(0.410)	NS NS	ND(0.370)
Pyrene	NS	0 330 J	NS	2.30	NS	0.240 J
Pyridine	NS	ND(0.540)	NS	ND(0.410)	NS I	ND(0.370)
Safrole	NS	ND(0.540)	NS NS	ND(0.410)	· · · · · · · · · · · · · · · · · · ·	ND(0.370) ND(0.370)
Sance Thionazin	NS	ND(0.54)	NS	ND(0.410)	NS NS	ND(0.370) ND(0.37)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4B RAA4-21 12-14 01/29/01	4B RAA4-22 1-5 01/31/01	4B RAA4-22 4-6 01/31/01	4B RAA4-A33 0-1 05/16/02	4B RAA4-A34 1-6 05/16/02	4B RAA4-A35 0-1 05/16/02
Furans						
2,3,7,8-TCDF	NS	ND(0.000014)	NS	0.000023	0.000022	0.0000052
TCDFs (total)	NS	ND(0.000014)	NS	0.00013	0.00016 I	0.000034
1,2,3,7,8-PeCDF	NS	ND(0.000020)	NS	0.0000078	0.0000063	0.0000023
2,3,4,7,8-PeCDF	NS	ND(0.000020)	NS	0.000024	0.000021	0.0000055
PeCDFs (total)	NS	ND(0.000020)	NS	0.00021 QI	0.00022 QI	0.000068 Q
1,2,3,4,7,8-HxCDF	NS	ND(0.000062)	NS	0.000014	0.000012	0.0000054
1,2,3,6,7,8-HxCDF	NS	ND(0.000058)	NS	0.0000087	0.0000084	0.0000029
1,2,3,7,8,9-HxCDF	NS	ND(0.000068)	NS	0.0000031	0.0000020 J	0.0000018 J
2,3,4,6,7,8-HxCDF	NS	ND(0.000063)	NS	0.000019	0.000017	0.0000081
HxCDFs (total)	NS	ND(0.0052)	NS	0.00032	0.00023	0.00010
1,2,3,4,6,7,8-HpCDF	NS	ND(0.000040)	NS	0.00022	0.000051	0.000016
1,2,3,4,7,8,9-HpCDF	NS	ND(0.000048)	NS	0.0000042	0.0000036	0.0000029
HpCDFs (lotal)	NS	ND(0.000044)	NS	0.00040	0.00011	0.000042
OCDF	NS	ND(0.000038)	NS	0.00017	0.000052	0.000034
Dioxins					****	
2,3,7,8-TCDD	NS	ND(0.000020)	NS	0.00000073	0.00000037 J	ND(0.00000021) X
TCDDs (total)	NS	ND(0.000020)	NS	0.0000038	0.0000039	0.00000029
1,2,3,7,8-PeCDD	NS	ND(0.00021)	NS	0.0000020 J	ND(0.0000011) X	ND(0.0000047) X
PeCDDs (total)	NS	ND(0.00021)	NS	0.000015 Q	0.0000067 Q	0.0000019 Q
1,2,3,4,7,8-HxCDD	NS	ND(0.000084)	NS	0.0000025 J	0.0000010 J	0.00000053 J
1,2,3,6,7,8-HxCDD	NS	ND(0.000083)	NS	0.0000084	0.0000026	0.0000012 J
1,2,3,7,8,9-HxCDD	NS	ND(0.000076)	NS	0.0000054	0.0000017 J	0.00000077 J
HxCDDs (total)	NS	ND(0.000081)	NS	0.000070	0.000022	0.000010 Q
1,2,3,4,6,7,8-HpCDD	NS	ND(0.000080)	NS	0.00012	0.000038	0.000025
HpCDDs (total)	NS	ND(0.000080)	NS	0.00020	0.000080	0.000050
OCDD	NS	ND(0.000040)	NS	0.00084	0.00033	0.00024
Total TEQs (WHO TEFs)	NS	0.00015	NS	0.000027	0.000019	0.0000063
Inorganics	*******					
Antimony	NS	ND(12.0)	NS	ND(6.00)	NS	1.50 B
Arsenic	NS	ND(20.0)	NS	5.10	NS	4.40
Barium	NS	ND(40.0)	NS	34.0	NS	30,0
Beryllium	NS	0.310	NS	ND(0.500)	NS	ND(0.500)
Cadmium	NS	ND(2.00)	NS	ND(0.500)	NS	ND(0.500)
Chromium	NS	13.0	NS	13.0	NS	5.20
Cobalt	NS	16.0	NS	6.90	NS	5.30
Copper	NS	32.0	NS	39.0	NS	21.0
Cyanide	NS	ND(1.00)	NS	0.500	NS	0.220
Lead	NS	21.0	NS	86.0	NŜ	24.0
Mercury	NS	ND(0.270)	NS	0.300	NS	0.0770 B
Nickel	NS	27.0	NS	13.0	NS	8.90
Seienium .	NS	ND(1.00) J	NS	ND(1.00)	NS	ND(1.00)
Silver	NS	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)
Sulfide	NS	ND(6.80)	NS	23.0	NS	25.0
Thallium	NS	ND(2.00)	NS	ND(1.20) J	NS	ND(1,10) J
Tin	NS	ND(61.0)	NS	ND(5.20)	NS	ND(4.50)
Vanadium	NS	11.0	NS	13.0	NS	6.50
Zinc	NS	75.0	NS	75.0	NS	42.0

.

	Averaging Area:	4B	48	4B	4B -	4B	4B
	Sample ID:	RAA4-B29	RAA4-B34	RAA4-B34	RAA4-B35	RAA4-C27	RAA4-C29
	Sample Depth(Feet):	0-1	1-3	1-6	0-1	0-1	1-6
arameter	Date Collected:	05/20/02	05/16/02	05/16/02	05/15/02	04/22/02	05/21/02
olatile Orga	anics						
.1,1,2-Tetra	chloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,1,1-Trichlor	roethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,1,2,2-Tetra	chloroethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,1,2-Trichlor	oethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,1-Dichloroe	thane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,1-Dichloroe	othene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,2,3-Trichlor	ropropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,2-Dibromo-	3-chloropropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
.2-Dibromoe		ND(0.0060)	ND(0.0064)	NŜ	ND(0.0064)	ND(0.0057)	NS
,2-Dichloroe	thane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
.2-Dichlorop	ropane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
,4-Dioxane		ND(0.12)	ND(0.13) J	NS	ND(0.13) J	ND(0.11) J	NS
-Butanone		ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
-Chloro-1,3-	butadiene	ND(0.0060)	ND(0.0064)	NŜ	ND(0.0064)	ND(0.0057)	NS
-Chloroethy	lvinylether	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NŚ
-Hexanone		ND(0.012) J	ND(0.013) J	NS	ND(0.013) J	ND(0.011)	NS
-Chloroprop	ene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
-Methyl-2-pi	entanone	ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
cetone		ND(0.024)	ND(0.026)	NS	0.014 J	0.012 J	NS
cetonítrile		ND(0.12)	ND(0.13)	NS	ND(0.13) J	ND(0.11) J	NIS
crolein		ND(0.12)	ND(0.13) J	NS	ND(0.13) J	ND(0.11) J	NS
crylonitrile		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
lenzene		ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
romodichlo	romethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
romoform		ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064) J	ND(0.0057)	NS
romometha	ne	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
arbon Disul	fide	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
Carbon Tetra	chloride	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
hlorobenze	ne	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
hioroethane	3	ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064) J	ND(0.0057)	NS
hloroform		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
hlorometha	ne	ND(0.0060) J	ND(0.0064) J	NS	ND(0.0064)	ND(0.0057)	NS
is-1.3-Dichle		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
bibromochlo		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
ibromomett	nane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
	promethane	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
thyl Methac		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
thylbenzene		ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
odomethane		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
sobutanol		ND(0.12)	ND(0.13) J	NS	ND(0,13)	ND(0.11) J	NS
fethacryloni	trile	ND(0.0050)	ND(0.0054)	NS	ND(0.0064)	ND(0.0057)	NS
iethyl Metha		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
lethylene C		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
ropionitrile		ND(0.012)	ND(0.013)	NS	ND(0.013)	ND(0.011)	NS
tyrene		ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
etrachloroei	thene	ND(0.0050)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
aluene		ND(0.00600)	ND(0.00640)	NS	ND(0.00640)	ND(0.00570)	NS
	hioroethene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
	hioropropene	ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS NS
	hicro-2-butene	ND(0.0060)	ND(0.0064)	NS	ND(0.0054)	ND(0.0057)	NS
nchiorpethe		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0957)	NS
richiorofiuor		ND(0.0060)	NC(0.0064)	NS	ND(0.0064)	0.0076	NS
iny! Acetate		ND(0.0080)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
finyl Chlorid		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	ND(0.0057)	NS
(yienes (tota		ND(0.0060)	ND(0.0064)	NS	ND(0.0064)	0.016	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-B29 0-1	4B RAA4-B34 1-3	4B RAA4-B34 1-6	4B RAA4-B35 0-1	4B RAA4-C27 0-1	4B RAA4-C29 1-6
Sample Depth(Feet): Parameter Date Collected:	05/20/02	05/16/02	05/16/02	05/15/02	04/22/02	05/21/02
Semivolatile Organics						·
.2.4.5-Tetrachiorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
.2.4-Trichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
2-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
,2-Diphenylhydrazine	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
3.5-Trinitrobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
3-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
,3-Dinitrobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	0.920	ND(0.770)
,4-Dichlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
.4-Naphthoquinone	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
-Naphthylamine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
.3.4.6-Tetrachiorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.466)	ND(0.380)
4.5-Trichlorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
.4,6-Trichlorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
,4-Dichlorophenol	ND(0.400)	NS	ND(0.430)	NO(0.420)	ND(0.460)	ND(0.380)
.4-Dimethylphenol	ND(0.400)	NS	ND(0.430)	NO(0.420)	ND(0.460)	ND(0.380)
,4-Dinitrophenol	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
4-Dinitrotoluene	ND(0.400) ND(0.400)	NS NS	ND(0.430) ND(0.430)	ND(0.420) ND(0.420)	ND(0.460) ND(0.460)	ND(0.380) ND(0.380)
6-Dichlorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)		ND(0.380)
2,6-Dinitrotoluene	ND(0.800)	NS NS	ND(0.430) ND(0.860)	ND(0.420)	ND(0.46) J ND(0.770)	ND(0.380) ND(0.770)
2-Acetylaminofluorene 2-Chloronaphthalene	ND(0.400)	NS	ND(0.430)	ND(0.880)	ND(0.460)	ND(0.380)
2-Chlorophenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
-Methylnaphthalene	1.90	NS	1.00	0 0980 J	0 110 J	0.260 J
Methylphenol	0,110 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
-Naphthylamine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
-Nitroaniline	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.9) J
2-Nitrophenol	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Picolíne	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
84-Methylphenol	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
3.3'-Dichtorobenzidine	ND(0.800)	NS	ND(0.86) J	ND(0.86) J	ND(0.920)	ND(0.770)
3,3'-Dimethylbenzidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
3-Methylcholanthrene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
3-Nitroaniline	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
.6-Dinitro-2-methylphenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Aminobiphenyt	ND(0.800)	NŚ	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
t-Bromophenyl-phenylether	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
-Chloro-3-Methylphenol	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
1-Chloroaniline	0.100 J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Chlorobenzilate	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
I-Chlorophenyl-phenylether	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
4-Nitroaniline	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(1.90)	ND(1.90)
1-Nitrophenol	NO(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
I-Nitroquinoline-1-oxide	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
-Phenylenediamine	ND(0.80) J	NS	ND(0.86) J	ND(0.86) J	ND(0.77) J	ND(0,77) J
5-Nitro-o-toluidine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0,770)
,12-Dimethylbenz(a)anthracene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
a.a'-Dimethylphenethylamine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0,770)	ND(0.770)
Acenaphthene	ND(0,400)	NS	0.210 J	ND(0.420)	ND(0.460)	ND(0.380)
Acenaphthylene	1.00	NS	0.920	0.190 J	1.00	4.00
Acetophénone	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Aniline	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Inthracene	0.680	NS	0.720	0.230 J	0.830	1.80 NGV0 2701
vramite	ND(0.800)	NS NS	ND(0.860)	ND(0.860)	ND(0.770)	NÜ(0 770)
	ND(0.80) 3.80	NS NS	ND(0.85) J 1.20	ND(0.86) J 0.650	ND(0.92) J 3.50	ND(0.77) 7.90
Jenzo(a)anthracene	3.80 5.8 J	NS		0.650		20.0
ienzo(a)pyrene	<u> </u>	NS NS	1.10 0.480	0.640	<u>3 60</u> 2.10	20.9
Benzo(h)flueranthene	3,93 5.2 J	NS NS				
Benzo(g,h,i)perylene		NS NS	0.670	0.460	2.20	24 0 17 0
ienzo(K)fuoranthene	4.8 J ND(0.80) J	NS NS		ND(0.860)	2.30 NE)(0.920)	ND(0.770)
Senzyi Alcohol		NS I	ND(0.86) J ND(0.430)	ND(0.660) ND(0.420)	ND(0.460)	
vis(2-Chloroethoxy)methane	ND(0.400)	NS		ND(0.420) ND(0.420)		ND(0.380)
bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether	ND(0.400) ND(0.400)	NS NS	ND(0.430) ND(0.430)	ND(0.420)	ND(0.460) ND(0.460)	ND(0.380) ND(0.380)

V/IGE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data:PDI DATA8 xis Table B-1 (A) Page 42 of 197

Averaging Area:	48	4B	48	48	48	4B
Sample ID:	RAA4-B29	RAA4-B34	RAA4-B34	RAA4-B35	RAA4-C27	RAA4-C29
Sample Depth(Feet):	0-1	1.3	1-6	0-1	0-1	1-6
arameter Date Collected:	05/20/02	05/16/02	05/16/02	05/15/02	04/22/02	05/21/02
emivolatile Organics (continued)						
is(2-Ethylhexyl)phthalate	ND(0.390)	NS	ND(0.420)	ND(0.426)	ND(0.380)	ND(0.380)
utylhenzylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0,460)	ND(0.380)
hrysene	3.50	NS	1.40	0.700	4.00	8.20
Xallate	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
bibenzo(a,h)anthracene	0 640	NS	ND(0.430)	ND(0.420)	0.880	7.6 J
ibenzofuran	0.150 J	NS	0.130 J	ND(0.420)	ND(0.460)	0.220 J
liethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
imethylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
i-n-Butylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	0.280 J	ND(0.380)
i-n-Octylphthalate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
iphenylamine	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
thyl Methanesulfonate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
luoranthene	7.50	NS	2.10	1.10	5.20	10.0
luorene	0.870	NS	1.10	ND(0.420)	0.350 J	0.850
lexachiorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
exachlorobutadiene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
lexachlorocyclopentadiene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
exachloroethane	ND(0.40) J	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.38) J
exachlorophene	ND(0.80)	NS	ND(0.86)	ND(0.86)	ND(0.92)	ND(0.77)
exachloropropene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
ndeno(1,2,3-cd)pyrene	4.9 J	NS	0.590	ND(0.420)	2.10	19.0
sodrin	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
sophorone	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
sosafrole	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
fethapyrilene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
Aethyl Methanesulfonate	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
laphthalene	3.80	NS	1.40	0.240 J	0.220 J	0.460
litrobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitrosodiethylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
N-Nitrosodimethylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitroso-di-n-butylamine	ND(0.800)	NŞ	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
I-Nitroso-di-n-propylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitrosodiphenylamine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitrosomethylethylemine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
1-Nitrosomorpholine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitrosopiperidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
I-Nitrosopyrrolidine	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
.o.o-Triethylphosphorothioate	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
-Toluidine	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Dimethylaminoazobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0,770)	ND(0.770)
entachlorobenzene	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pentachloroethane	ND(0.40)	NS	ND(0.43)	ND(0.42)	ND(0.46)	ND(0.38)
Pentachloronitrobenzene	ND(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
entachlorophenol	ND(2.00)	NS	ND(2.20)	ND(2.20)	ND(2.30)	ND(1.90)
henacetin	NO(0.800)	NS	ND(0.860)	ND(0.860)	ND(0.770)	ND(0.770)
henanthrene	6.80	NS	4.60	0.760	4.70	8.20
henol	0 620	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pronamide	ND(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Pyrene	11.0	NS	2.80	1.50	7.90	15.0
Pyridine	ND(0.400)	NS	1,40	ND(0.420)	ND(0.460)	(058.0)CM
Safrole	NO(0.400)	NS	ND(0.430)	ND(0.420)	ND(0.460)	ND(0.380)
Thionazin	ND(0.40)	NS	ND(8.43)	ND(0.42)	ND(0.46)	ND(0.38)

	Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-B29 0-1	48 RAA4-B34 1-3	4B RAA4-B34 1-6	4B RAA4-B35 0-1	4B RAA4-C27 0-1	4B RAA4-C29 1-6
Parameter	Date Collected:	05/20/02	05/16/02	05/18/02	05/15/02	04/22/02	05/21/02
Furans		· · · · · · · · · · · · · · · · · · ·					
2.3.7,8-TCDF		0.000037	NS	0.000042	0.0000097	0 000069 Y	0.000072
TCDFs (total)		0.00030	NS	0.00034	0.000067	0.00065 X	0.00042
1,2,3,7,8-PeC		0.000014 J	NS	U 00000099 J	0.0000032	0.000037	0.000018 J
2,3,4,7,8-PeC		0.000029 J	NS	0.000014 J	0 0000094	0.000031 Q	0.000027
PeCDFs (tota		0.00031	NS	0.00014	0.00011 Q	0.00069 X	0.00032 Q
1,2,3,4,7,8-H		0.000019 J	NS	0.0000091 J	0.0000073 J	0.000085	0.000019 J
1,2,3,6,7,8-H		0.000015 J	NS	0.0000059 J	0.0000042 J	0.000034	0.000010 J
1,2,3,7,8,9-H		NO(0.0000034) X	NS	ND(0.0000020) X	0.0000012 J	ND(0.000018) X	0.0000026 J
2,3,4.6,7.8-H		0.000033 J	NS	0.000011 J	0.0000083	0.000040	0.000015 J
HxCDFs (tota		0.00042	NŜ	0.00014	0.00012 QJ	0.00067	0.00022
1,2,3,4,6,7,8-		0.000068	NS	0.000040 J	0.000051 J	0 00012	0.000042
1,2,3,4,7,8,9-		0.0000056 J	NS	0.0000036 J	0.0000028	0.000019	0.0000042 J
HpCDFs (tota	i)	0.00014	NS	0.000079	0.000092 J	0.00026	0.000087
OCDF		0.000055 J	NS	0.000022 J	0.000036	0.00018	0.000024 J
Dioxins							
2,3,7,8-TCDD)	ND(0.0000030)	NS	ND(0.0000025)	0.0000072	0.0000012	ND(0.0000011)
TCDDs (total)	,	ND(0.0000061)	NS	ND(0.0000050)	0.000058	0.000011 Q	0.000014
1,2,3,7,8-PeC	DD	ND(0.0000026) X	NŚ	ND(0.0000016) X	0.0000026	0.0000030 J	0.0000099 J
PeCDDs (tota	1)}	0.0000060	NS	0.0000018	0.000074 Q	0.0000080	0.000065 Q
1,2,3,4,7,8-H	COD	ND(0.000011)	NŞ	ND(0.0000093)	0.00000072 J	0.0000020 J	0.0000080 J
1.2.3.6.7.8-H	CDD	0.0000061 J	NS	ND(0.0000093)	0.0000027	0.0000068	0.000026
1,2,3,7,8,9-H	CDD	0.0000045 J	NS	ND(0.0000093)	0.0000026	0.0000068	0.000030
HxCDDs (tota	l)	0.000031	NS	0.0000077	0.00012 Q	0.000041	0.00028
1,2,3,4,6,7,8-	HpCDD	0.000065	NS	0.000012 J	0.000028	0.000070	0.00028
HpCDDs (tota	al)	0.00012	NS	0.000022	0.000055	0.00014	0.00051
OCDD		0.00030	NS	0.000060 J	0.00018	0.00024	0.00042
Total TEQs ()	WHO TEFs)	0.000032	NS	0.000018	0.000019	0 000049	0.000046
Inorganics							
Antimony		ND(6.00)	NS	1.20 B	ND(6.00)	1.70 B	ND(6.00)
Arsenic		6.50	NS	9.00	5.30	9.70	30.0
Barium		44.0	NS	23.0	41.0	59.0	40.0
Beryllium		ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		0.590	NS	ND(0.500)	ND(0.500)	0.630	0.520
Chromium		8.80	NS	14.0	18.0	11.0	10.0
Cobait		6.50	NS	11.0	8.30	8.60	6.90
Copper		61.0	NS	37.0	32.0	73.0	52.0
Cyanide		2.00	NS	3.00	0.600	1,40	1.40
Lead		440	NS	110	36.0	96.0	94.0 J
Mercury		0.360	NS	ND(0.130)	ND(0.130)	0.230 J	0.470
Nickel		15.0	NS	18.0	14.0	19.0	20.0
Selenium		ND(1.00) J	NS	ND(1.00)	ND(1.00)	ND(1.00)	8.40 J
Silver		ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		29.0	NS	33.0	8.20	92.0	84.0
Thallium		ND(1.80)	NS	ND(1,30) J	ND(1.30) J	ND(1.10) J	ND(1.70)
Tín		4.70 B	NS	ND(4.40)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		19.0	NS	9,60	14.0	19.0	17.0
Zinc		87.0	NS	66.0	83.0	100	54.0 J

Averaging Area: Sample ID:	4B RAA4-C29	4B RAA4-C31	4B RAA4-C33	4B RAA4-C35	4B RAA4-C35	4B RAA4-C36
Sample Depth(Feet):	4-6	0-1	0-1	6-15	13-15	0-1
Parameter Date Collected:	05/21/02	05/20/02	05/20/02	05/17/02	05/17/02	05/15/02
/olatile Organics						
1,1,2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
.1.1-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1.2.2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
1.2-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
.1-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
,1-Dichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0,0064)	ND(0.0055)
2.3-Trichloropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
.2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
.2-Dibromoethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
.2-Dichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	NO(0.0055)
,2-Dichioropropane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0,0064)	ND(0.0055)
.4-Dioxane	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11) J
-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
2-Chioro-1,3-butadiene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
2-Chioroethylvinylether	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
2-Hexanone	ND(0.011) J	ND(0.011) J	ND(0.011) J	NS	ND(0.013) J	ND(0.011) J
3-Chloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.013)	ND(0.011)
Vcetone	ND(0.023)	ND(0.023)	ND(0.022)	NS	ND(0.025)	NO(0.022)
\cetonitrile	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13)	ND(0.11) J
Acrolein	ND(0.11) J	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11) J
Acrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Benzene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Bromodichloromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Bromoform	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0.0064) J	ND(0.0055) J
Bromomethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Carbon Disulfide	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Carbon Tetrachloride	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chlorobenzene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Shloroethane	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0 0064) J	ND(0.0055) J
Chloroform	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Chloromethane	ND(0.0057) J	ND(0.0057) J	ND(0.0055) J	NS	ND(0.0064) J	ND(0.0055)
cis-1,3-Dichloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Dibromochloromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Dibromomethane	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS NS	ND(0.0064)	ND(0.0055)
Dichlorodifluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0055)		ND(0.0064)	ND(0.0055)
Ethyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Ethylbenzene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
odomethane	ND(0,0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
sobutanol	ND(0.11)	ND(0.11)	ND(0.11)	NS	ND(0.13) J	ND(0.11)
Methacrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Methyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
المتعادي والمتعادين والمتعادين	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
vieinyiene Chioride Propionitrile	ND(0.011)	ND(0.011)	ND(0.011)	NS NS	ND(0.013)	ND(0.011)
Styrene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
Fetrachloroethene	ND(0.0057)	ND(0.00570)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
Foluene	ND(0.00570)	ND(0.00570)	ND(0.00550)	NS	ND(0.00640)	ND(0.00550)
rans-1,2-Dichloroethene	ND(0.00571	ND(0.00570)	ND(0.0055)	NS NS	ND(0.0064)	ND(0.0055)
rans-1,3-Dichloropropene	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS NS	ND(0.0064)	ND(0.0055)
·	ND(0.0057)	ND(0.0057)	ND(0.0055)	NS	ND(0.0064)	ND(0.0055)
rans-1,4-Dichloro-2-butene	ND(0.0057)	ND(0.0057)	***************************************	NS NS	ND(0.0064)	and the second
Frichloroethene			ND(0.0055)	I NS	ND(0.0064)	ND(0.0055)
Trichlorofluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0055) ND(0.0055)		ND(0.0064)	ND(0.0055)
/inyi Acetate	ND(0.0057)	ND(0.0057)	in a seaso manual an analyze a substance a substance and a substance and a substance and a substance and a subs	NS NS	ND(0.0064)	ND(0.0055)
Vinvi Chloride	ND(0.0057)	ND(0.0057)	ND(0.0055)	1 <u>NO</u>	0000054)	ND(0.0055)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-C29 4-6	48 RAA4-C31 0-1	48 RAA4-C33 0-1	4B RAA4-C35 6-15	4B RAA4-C35 13-15	4B RAA4-C36 0-1
Parameter Date Collected:	05/21/02	05/20/02	05/20/02	05/17/02	05/17/02	05/15/02
Semivolatile Organics	COLLICE 1	JUILOIDE	JOULDIOL	USITIOL	05/1/104	UGITIGICE
1.2.4.5-Tetrachlorobenzene	NS	ND(0.380)	1 ND(0.730)	ND(0,420)	NS	ND(0.370)
1.2.4-Trichlorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Dichiorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,2-Diphenylhydrazine	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
1,3,5-Trinitrobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,3-Dichiorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,3-Dinitrobenzene	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
1.4-Dichlorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
1,4-Naphthoquinone	NS NS	ND(0.760) ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
1-Naphthylamine 2,3,4,6-Tetrachiorophenol	NS NS	ND(0.360)	ND(0.730) ND(0.730)	ND(0.850) ND(0.420)	NS NS	ND(0.740) ND(0.370)
2,4,5-Trichlorophenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4,6-Trichlorophenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dichlorophenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dimethylphenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,4-Dinitrophenol	NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
2,4-Dinitrotoluene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2.6-Dichlorophenol	NŚ	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2,6-Dinitrotoluene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Acetylaminofluorene 2-Chloronaphthalene	N\$ NS	ND(0.760) ND(0.380)	ND(0.730)	ND(0.850) ND(0.420)	NS	ND(0.740)
2-Chlorophenol	NS NS	ND(0.380) ND(0.380)	ND(0.730) ND(0.730)	ND(0.420)	NS NS	ND(0.370) ND(0.370)
2-Methylnaphthalene	NS NS	0.110 J	0.850	ND(0.420)	NS NS	0.200 J
2-Methylphenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
2-Naphthylamine	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2-Nitroanitine	NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
2-Nitrophenol	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
2-Picoline	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
384-Methylphenol	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
3,3'-Dichlorobenzidine	NS	ND(0.760)	ND(1.40)	ND(0.85) J	NS	ND(0.74) J
3,3'-Dimethylbenzidine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
3-Methylcholanthrene 3-Nitroaniline	NS NS	ND(0.760) ND(1.90)	ND(0.730) ND(3.60)	ND(0.850) ND(2.20)	NŠ NS	ND(0.740)
4.6-Dinitro-2-methylphenol	NS NS	ND(0.380)	ND(0.730)	ND(2.20)	NS	ND(1.90) ND(0.370)
4-Aminobiohenyl	NS	ND(0.360)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Bromophenyl-phanylether	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chioro-3-Methylphenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chloroaniline	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Chlorobenzilate	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Chlorophenyl-phenylether	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
4-Nitroaniline	NS	ND(1.90)	ND(1.80)	ND(2.20)	NS	ND(1.90)
4-Nitrophenol	NS	ND(1.90)	ND(3.60)	ND(2.20)	NS	ND(1.90)
4-Nitroquinoline-1-oxide	NS NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
4-Phenylenediamine 5-Nitro-o-toluidine	NS NS	ND(0.76) J ND(0.760)	ND(0.73) J ND(0.730)	ND(0.85) J ND(0.850)	NS NS	ND(0.74) J ND(0.740)
7,12-Dimethylbenz(a)anthracène	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740) ND(0.740)
a.a'-Dimethylphenethylamine	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Acenaphthene	NS	ND(0.380)	0.680 J	0.110 J	NS	0.150 J
Acenaphthylene	NS	ND(0.380)	0.700 J	0.320 J	NS	1 70
Acetophenone	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	0.180 J
Aniline	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Anthracene	NS	0.220 J	1.40	0.180 J	NS	0.230 J
Aramite	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Benzidine	NS	ND(0.76)	ND(1.4)	ND(0.85) J	NS	ND(0.74) J
Bonzo(a)anthracene	NS	0.810	3.00 2.20	0.510	NS	0.680
Benzo(a)pyrene Benzo(b)fluoranthene	NS .	1.00	2.30 1.70	0.540 ND(0.420)	NS NS	0.810
Benzolg,h,i)perviene	NS NS	1.10	1.90	0.370 J	NS	0.610
Benzo(k)fluoranthene	NS	0.8.0	2 19	0.440	NS	0 730
Benzyl Alcohol	NS	ND(0.76) J	ND(1.4) J	ND(0.85) J	NS	ND(0 740)
bis(2-Chioroethoxy)methane	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0 370)
bis(2-Chioroethyi)ether	NS	ND(0.380)	ND(0.730)	NC(0 420)	NS	ND(0.370)
bis(2-Chloroisopropyl)ether	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)

VAGE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and DataMDLDATA3.x/s Table B-1 (A) Page 46 of 197

Averaging Area: Sample ID:	4B RAA4-C29	4B RAA4-C31	4B RAA4-C33	4B RAA4-C35	4B RAA4-C35	4B RAA4-C36
Sample Depth(Feet):	4-6	0-1	0-1		13-15	D-1
Parameter Date Collected:	05/21/02	05/20/02	05/20/02	6-15 05/17/02	05/17/02	05/15/02
Semivolatile Organics (continued)				1		
is(2-Ethylhexyl)phthalate	NS	ND(0.370)	ND(0.360)	ND(0.420)	NS	ND(0.360)
Butylbenzylohthalate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Chrysene	NS	1.00	2.90	0.500	NS	0.720
Dialate	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0 740)
Dibenzo(a,h)anthracene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dibenzofuran	NS	ND(0.380)	0.400 J	ND(0.420)	NS	ND(0.370)
Diethylphthalate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Dimethylphthalate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Di-n-Butylphthalate	NS	0.160 J	ND(0.730)	ND(0.420)	NS	0.200 J
Di-n-Octylphthalate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Diphenylamine	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Ethyl Methanesulfonate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
luoranthene	NS	t.10	5.40	0.770	NS	1.10
luorene	NS	ND(0.380)	1.80	0.110 J	NS	ND(0.370)
lexachlorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
lexachlorobutadiene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
-lexachlorocyclopentadiene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
lexachloroethane	NS	ND(0.38) J	ND(0.73) J	ND(0.420)	NS	ND(0.370)
lexachlorophene	NS	ND(0.76)	ND(1.4)	ND(0.85)	NS	ND(0.74)
lexachloropropene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
ndeno(1,2,3-cd)pyrene	NS	0.810	1.50	ND(0.420)	NS	0.850
sodrin	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
sophorone	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
sosafroie	NS	ND(0.760)	ND(0.730)	ND(0.850)	NŞ	ND(0.740)
vlethapyrilene	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Methyl Methanesulfonate	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Naphthalene	NS	0.280 J	2.00	ND(0.420)	NS	0.280 J
Nitrobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodiethylamine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-NitrosodImethylamine	NS	ND(0.380)	ND(0.730)	NO(0.420)	NS	ND(0.370)
N-Nitroso-di-n-butylamine	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
N-Nitroso-di-n-propylamine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosodiphenylamine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosomethylethylamine	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
N-Nitrosomorpholine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosopiperidine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
N-Nitrosopyrrolidine	NS	ND(0,760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
o,o,o-Triethylphosphorothioate	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
o-Toluidine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
p-Dimethylaminoazobenzene	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Pentachlorobenzene	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Penlachloroethane	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)
Pentachloronitrobenzene	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
entachlorophenol	NS	ND(1.90)	ND(3.60)	ND(2.20)	NŜ	ND(1.90)
Phenacetin	NS	ND(0.760)	ND(0.730)	ND(0.850)	NS	ND(0.740)
Phenanthrene	NS	0.680	10.0	0.340 J	NS	0.600
Phenol	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pronamide	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Pyrene	NS	1.30	6.70	1.20	NS	1.10
Pyridine	NS	ND(0.380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Safroie	NS	ND(0 380)	ND(0.730)	ND(0.420)	NS	ND(0.370)
Thionazin	NS	ND(0.38)	ND(0.73)	ND(0.42)	NS	ND(0.37)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-C29 4-5 05/21/02	4B RAA4-C31 0-1 05/20/02	4B RAA4-C33 0-1 05/20/02	4B RAA4-C35 6-15 05/17/02	4B RAA4-C35 13-15 05/17/02	48 RAA4-C36 0-1 05/15/02
Furans							
2.3.7.8-TCDF		NS	0.000060	0.000033	NS	NS	0.000024
TCDFs (total)		NS	0.00048	0.00026	NS	NS	0.000171
1.2 3.7.8-PeC		NS	0.000028 J	0.000016 J	NS	NS	0.0000078
2,3,4,7,8-PeC		NS	0.000066	0.000037 J	NS	NS	0.000029
PeCDFs (tota		NS	0.00069	0.00036	NS	NS	0.00034 QI
1,2,3,4,7,8-H>		NS	0.000072	0.000042 J	NS	NS	0.000032 J
1.2.3.6.7.8-H>		NS	0.000035 J	0.000022 J	NS	NS	0.000012 J
1.2.3.7.8.9-H		NS	0.000012 J	0.000011 J	NS	NS	0.0000078
2.3.4.6.7.8-H>		NS	0.000074	0.000034 J	NS	NS	0.000029
HxCDPs (tota		NS	0.00096	0.00046	NS	NS	0.00037 J
1.2.3.4.6.7.8-		NS	0.00020	0.000059	NS	NS	0.000051 J
1,2,3,4,7,8,9-		NS	0.000028 J	0.000011 J	NS	NS	0.000016
HpCDFs (lota		NS	0.00015	0.00013	NS	NS	0.00013 J
OCDF		NŚ	0.00030	0.000071J	NS	NS	0.000083
Dioxins							
2.3.7.8-TCDD)	NS	ND(0.0000021)	ND(0.0000024)	NS	NS	0.00000062
TCDDs (total)		NS	0 0000065	0.0000029	NS	NS	0.0000075
1,2,3,7,8-PeC		NS	ND(0.0000038) X	ND(0.0000023) X	NS	NS	ND(0.0000019) X
PeCDDs (tota		NS	0.0000068	0.0000050	NS	NS	0.000011 Q
1.2.3.4.7.8-Hb		NS	0.0000035 J	ND(0.0000016) X	NS	NS	0.0000015 J
1,2,3,6,7,8-Hb		NS	0.0000078 J	ND(0.0000039) X	NS	NS	0.0000029
1,2,3,7,8,9-H		NS	ND(0.0000045) X	0.0000026 J	NS	NS	0.0000017 J
HxCDDs (tota		NS	0.000053	0.0000068	NS	NS	0.000035 Q
1,2,3,4,6,7,8-		NS	0.000058	0.000023 J	NS	NS	0.000025
HpCDDs (tota	al)	NS	0.00011	0.000041	NS	NS	0.000050
OCDD		NS	0.00035	0.00010 J	NS	NS	0.00013
Total TEQs (V	WHO TEFs)	NS	0.000067	0.000037	NS	NS	0.000028
Inorganics	· · · · · · · · · · · · · · · · · · ·						
Antimony		NS	ND(6.00)	ND(6.00)	NS	NS	1.40 B
Arsenic		NS	6.50	5,70	NS	NS	5.50
Barium		NS	54.0	34.0	NS	NS	26.0
Berytlium		NS	ND(0.500)	ND(0.500)	NS	NS	0,140 B
Cadmium	A 188 17 BALLET FORM, 2000, 2000, 1977 1978 ALCONDER, 1978 ALCONDER, 1988 AUGUST, 1988 AUGUST, 1978 AUGUST, 197	NS	0.550	ND(0.500)	NS	NS	ND(0.500)
Chromium		NS	13.0	11.0	NS	NS	11.0
Cobalt		NS	7.50	7,40	NS	NS	6.70
Copper		NS	40.0	48.0	NS	NS	56.0
Cyanide		NS	11.0	3.80	NS	NS	2.90
Lead		NS	85.0	33.0	NS	NS	52.0
Mercury		NS	0.680	0.0790 B	NS	NS	0.220
Nickel		NS	14.0	14.0	NS	NS	12.0
Selenium		NS	ND(1.00) J	ND(1.00) J	NS	NS	ND(1.00)
Silver		NS	ND(1.00)	ND(1.00)	NS	NS	ND(1.00)
Sulfide		NS	71.0	260	NS	NS	64.0
Thallium		NS	ND(1.70)	ND(1.60)	NS	NS	ND(1.10) J
Tin		NS	ND(10.0)	4.40 B	NS	NS	21.0
Vanadium		NS	13.0	12.0	NS	NS	11.0
Zinc		NS	73.0	56.0	NS	NS	ND(59.0)

Averaging Area:	4B	4B	4B	4B	4B
Sample ID:	RAA4-C36	RAA4-C36	RAA4-C36	RAA4-D21	RAA4-D23
Sample Depth(Feet): Parameter Date Collected:	1 -6 05/15/02	3-5 05/15/02	6-15 05/15/02	0-1 05/30/02	1-6 05/30/02
/olatile Organics	10011000	0010102	03.13.02	1 0330/04 1	00/00/02
1.1.2-Tetrachlomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,1-Trichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,1,2-Trichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1.1-Dichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1.1-Dichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS NS
1,2,3-Trichloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1.2-Dibromoethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1,2-Dichloroethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1.2-Dichloropropane	NS	ND(0.0054)	NS	ND(0.0052)	NS
1.4-Dioxane	NS	ND(0.11) J	NS	ND(0.10) J	NS
2-Butanone	NS	ND(0.011)	NS	ND(0.010)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0054)	NS	ND(0.0052)	NS
2-Chloroethylvinylether	NS	ND(0.0054)	NS	ND(0.0052)	NS
2-Hexanone	NS	ND(0.011) J	NS	ND(0.010)	NS
3-Chloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
4-Methyl-2-pentanone	NS	ND(0.011)	NS	ND(0.010)	NS
Acetone	NS	ND(0.021)	NS	ND(0.021)	NS
Acetonitrile	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrolein	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrylonitríle	NS	ND(0.0054)	NS	ND(0.0052)	NS
Benzene	NS	ND(0.00540)	NS	ND(0.00520)	NS
Bromodichloromethane	NŚ	ND(0.0054)	NS	ND(0.0052)	NS
Bromoform	NS	ND(0.0054) J	NS	ND(0.0052)	NS
Bromornethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Carbon Disulfide	NS	ND(0.0054)	NS	ND(0.0052)	NS
Carbon Tetrachloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chlorobenzene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chloroethane	NS	ND(0.0054) J	NS	ND(0.0052) J	NS
Chioroform	NS	ND(0.0054)	NS	ND(0.0052)	NS
Chloromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
cis-1,3-Dichloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dibromochloromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dibromomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Dichlorodifluoromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Ethyl Methacrylate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Ethylbenzene	NS	ND(0.00540)	NS	ND(0.00520)	NS
lodomethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Isobutanol	NS	ND(0.11)	NS	ND(0.10)	NS
Methacrylonitrile	NS	ND(0.0054)	NS	ND(0.0052) J	NS
Methyl Methacrylate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Methylene Chloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Propionitrile	NS	ND(0.011)	NS	ND(0.010)	NS
Styrene	NS	ND(0.00540)	NS	ND(0.00520)	NŠ
Tetrachloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Toluene	NS	ND(0.00540)	NS	ND(0.80520)	NS
trans-1,2-Dichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
rans 1,3-Dichloropropene	NS	ND(0.0054)	NS	ND(0.0052)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.0054)	NS	ND(0.0052)	ŃS
Trichloroethene	NS	ND(0.0054)	NS	ND(0.0052)	NS
Trichlerofluoromethane	NS	ND(0.0054)	NS	ND(0.0052)	NS
Vinyl Acetate	NS	ND(0.0054)	NS	ND(0.0052)	NS
Vinyi Chloride	NS	ND(0.0054)	NS	ND(0.0052)	NS
Xylenes (total)	NS	ND(0.0054)	NS	ND(0.0052)	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4B RAA4-C36	48 RAA4-C36	4B RAA4-C36	4B RAA4-D21	4B RAA4-D23
Sample Depth(Feet):	1-6 05/15/02	3-5	6-15 05/15/02	0-1 05/30/02	1-6 05/30/02
Parameter Date Collected:	03/15/02	05/15/02	03/13/02	05/50/02	00/00/02
emivolatile Organics	NEND 2023	NS	NS	ND(0.350)	ND(0.370)
1,2,4,5-Tetrachlorobenzene	ND(0.360)	NS NS	NS NS	ND(0.350)	ND(0.370) ND(0.370)
1,2,4-Trichlombenzene	ND(0.360) ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
1.2-Dichlorobenzene	ND(0.36)	NS	NS	ND(0.35)	ND(0.370)
1,2-Diphenyihydrazine 1,3,5-Trinitrobenzene	ND(0.360)	NS NS	NS	ND(0.350)	ND(0.370)
t 3-Dichlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
- 3-Dinitrobenzene	ND(0.300)	NS	NS	ND(0.700)	ND(0.740)
4-Dichlorobenzene	ND(0.360)	NS	NS	0.430	ND(0.370)
1,4-Naphthoguinone	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
I-Naphthylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2.3,4,6-Tetrachiorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4,5-Trichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4,6-Trichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0 370)
2.4-Dichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4-Dimethylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2,4-Dinitrophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
2,4-Dinitrofoluene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
6-Dichlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2 6-Dinitrotoluene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Acetylaminofluorene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Chloronaohthalene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Chlorophenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Methylnaphthalene	0.190 J	NS	NS	ND(0.350)	ND(0.370)
2-Methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
2-Naphthylamine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Nitroaniline	ND(1.80)	NS	NS	ND(1.8) J	ND(1.9) J
2-Nitrophenal	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
2-Picoline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
3&4-Methylphenol	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
3,3'-Dichlorobenzidine	ND(0.72) J	NS	NS	ND(0.700)	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
3-Methylcholanthrene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
3-Nitroaniline	ND(1.80)	NS	NS	ND(1,80)	ND(1.90)
4,6-Dinitro-2-methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0 370)
4-Aminobiphenyl	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Bromophenyl-phenylether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chloro-3-Methylphenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chloroaniline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Chlorobenzilate	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Chlorophenyl-phenylether	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
4-Nitroaniline	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
4-Nitrophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
4-Nitroquinoline-1-oxide	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
4-Phenylenediamine	ND(0.72) J	NŚ	NS	ND(0.70) J	ND(0.74) J
5-Nitro-o-toluidine	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
7,12-Dimethylbenz(a)anthracene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
a,a'-Dimethylphenethylamine	ND(0.720)	NS	NS	ND(0.709)	ND(0.740)
Acenaphthene	ND(0.360)	NS	NS	ND(0.350)	0.190 J
Acenaphthylene	0.310 J	NS	NS	ND(0.350)	ND(0.370)
Acetophenone	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Aniline	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Anthracene	ND(0.360)	NS	NS	ND(0.350)	0.940
Aramite	ND(0.720)	NS	NS	NO(0.700)	ND(0.740)
Benzidine	ND(0.72) J	NS	NS	NO(0.70)	ND(0.74)
Benzo(a)anthracene	0.190 J	NS	NS	0.190 J	2.00
Велго(а)ругеле	0310J	NS	NS	0170J	1.50
Benzo(b)fluoranthène	0.280 J	NS	NS	0.130 J	1.10
Benzo(g h.i)perylene	0.369	NS	NS	ND(0.350;	1.00
Benzo(k)/lucranthene	0.210 J	NS 1	NS	0.120 J	1.00
Benzyl Alcohol	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
bis(2-Chloroethoxy)methane	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
bis(2-Chloroethyi)ether	ND(0.360)	NS I	ŃŚ	ND(0.350)	ND(0.370)
bis(2-Chloroisopropyl)ether	ND(0.380)	NS	NS	ND(0.350)	ND(0.370)

 $\label{eq:VGE_Prime} V^{GE}_Prime D_{A} D_{A}$

Averaging Area: Sample ID:	4B RAA4-C36	4B RAA4-C36	4B RAA4-C36	4B RAA4-D21	4B RAA4-D23
Sample Depth(Feet):	1-6	3-5	6-15	0-1	1-6
Parameter Date Collected:	05/15/02	05/15/02	05/15/02	05/30/02	05/30/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0 350)	NS	NS	ND(0.350)	ND(0.370)
Butylbenzylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Chrysene	0.210 J	NS	NŚ	0 200 J	1.70
Diallate	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Dibenzo(a,h)anthracene	ND(0.360)	NS	NS	ND(0.350)	0.280 J
Dibenzofuran	ND(0.360)	NS	NS	ND(0.350)	0.110 J
Diethylphtnalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Dimethylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Di-n-Butylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Di-n-Octylphthalate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Diphenylamine	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
thyl Methanesulfonate	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
luoranthene	0.180 J	NS	NS	0.400	3.40
Tuorene	ND(0.360)	NS	NS	ND(0.350)	0.270 J
Hexachlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorobutadiene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorocyclopentadiene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachloroethane	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Hexachlorophene	ND(0.72)	NS	NS	ND(0.70)	ND(0.74)
Hexachloropropene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
ndeno(1,2,3-cd)pyrene	0.310 J	NS	NS	0.110 J	0.900
Isodrin	ND(0.36)	NS	NS	ND(0.35)	ND(0.37)
Isophorone	ND(0.360)	NS	NS NS	ND(0.350)	ND(0.370)
Isosafrole	ND(0.720)	NS	CONTRACTOR DESCRIPTION OF A DESCRIPTION OF	ND(0.700)	ND(0.740)
Methapynlene	ND(0.720)	NS NS	NS NS	ND(0.700)	ND(0.740)
Methyl Methanesulfonate	ND(0.360) 0.230 J	NS	NS	ND(0.350) ND(0.350)	ND(0.370) 0.100 J
Naphthalene Nitrobenzone	ND(0.360)	NS NS	NS NS	ND(0.350)	ND(0.370)
	ND(0.360)	NS	NS		ND(0.370)
N-Nitrosodiethylamine N-Nitrosodimethylamine	ND(0.360)	NS	NS	ND(0.350)	
N-Nitroso-di-n-butylamine	ND(0.720)	NS	NS	ND(0.350) ND(0.700)	ND(0.370) ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
LAN AN ADVICT MALE AND A CONTRACT OF A CONTR	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosodiphenylamine N-Nitrosomethylethylamine	ND(0.360)	NS NS	NS NS	ND(0.350) ND(0.700)	ND(0.370) ND(0.740)
N-Nitrosomethylethylatilite	ND(0.360)	NS	NS	ND(0.350)	ND(0.740)
N-Nitrosopiperidine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
N-Nitrosopyrrolidine	ND(0.720)	NS	NS NS	ND(0.300)	ND(0.740)
o.o.o-Triethylphosphorothioate	ND(0.36)	NS	NS NS	ND(0.35)	ND(0.37)
o-Toluídine	ND(0.360)	NS NS	NS	ND(0.350)	ND(0.370)
p-Dimethylaminoazobenzene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Pentachlorobenzene	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pentachloroethane	ND(0.35)	NS	NS	ND(0.35)	ND(0.37)
Pentachloronitrobenzene	ND(0.720)	NS	NS	ND(0.700)	ND(0.740)
Pentachlorophenol	ND(1.80)	NS	NS	ND(1.80)	ND(1.90)
Phenacelin	ND(0.720)	NS	NS	ND(0.700)	ND(0 740)
Phenanthrene	0.0810 J	NS	NS	0.210 J	2.70
Phenol	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pronamide	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Pyrene	0.160 J	NS	NS	0.330 J	3.90
Pyridine	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Safrola	ND(0.360)	NS	NS	ND(0.350)	ND(0.370)
Thionazin	ND(0.35)	NS	NS	ND(0.35)	ND(0.37)

' Sample Depi	mple ID:	4B RAA4-C36 1-6 05/15/02	4B RAA4-C36 3-5 05/15/02	4B RAA4-C36 6-15 05/15/02	- 48 RAA4-D21 0-1 05/30/02	4B RAA4-D23 1-6 05/30/02
Furans						
2.3.7.8-1CDF	· · · · · · · · · · · · · · · · · · ·	0.0000011	NS	0.00000091	0.00000091 Y	ND(0.0000015)
TCDFs (total)		0.0000068	NS	0.0000085	0.000010	ND(0.0000015)
1,2,3,7.8-PeCDF	N	D(0.00000029) X	NS	0.00000054 J	0.00000056 J	ND(0.00000094) X
2,3,4,7,8-PeCDF		0.00000050 J	NS	0.0000016 J	0.0000018 J	0.0000011 J
PeCDFs (total)		0.0000046	NS	0.0000141	0.000025	0.0000044
1,2,3,4,7,8-HxCDF		0.00000034 J	NS	0.000012	ND(0.00000088) X	NO(0.0000010) X
1,2,3,6,7,8-HxCDF	N	D(0.00000026) XJ	NS	0.0000017 J	0.0000010 J	0.0000010 J
1,2,3,7,8,9-HxCDF		ND(0.0000022)	NS	0.0000014 J	0.00000025 J	ND(0.0000026)
2,3,4,6,7,8-HxCDF		0.00000030 J	NS	0.0000015 J	0.0000027 J	0.00000082 J
HxCDFs (total)		0.0000034 J	NS	0.0000301	0.000032	0.0000029
1,2,3,4,6.7,8-HpCDF		0.0000013 J	ŃS	0.000010	0.0000051 J	0.0000017 J
1.2.3.4.7.8.9-HpCDF		ND(0.00000022)	NS	0.0000076	0.00000038 J	ND(0.0000026)
HpCDFs (total)		0.0000013 J	NS	0.0000331	0.0000055	0.0000017
OCDF		0.00000092 J	NS	0.000045	0.0000059 J	ND(0.0000014) X
Dioxins						
2,3,7,8-TCDD		ND(0.00000011)	NS	ND(0.00000011)	ND(0.00000023)	ND(0.0000021)
TCDDs (total)		0.00000075	NS	0.00000063	ND(0.00000039)	ND(0.0000033)
1,2,3,7,8-PeCDD		ND(0.0000022)	NS	0.00000025 J	ND(0.00000022) X	ND(0.0000026)
PeCDDs (lotal)		0.00000067	NS	0.0000028	0.0000060	ND(0.0000044)
1,2,3,4,7.8-HxCDD		ND(0.0000022)	NS	0.00000035 J	0.00000020 J	ND(0.0000026)
1,2,3,6,7,8-HxCDD	1	ND(0.00000022)	NS	0.00000064 J	0.00000037 J	ND(0.0000026)
1,2,3,7,8,9-HxCDD		ND(0.0000022)	NS	0.00000039 J	0.00000032 J	ND(0.0000026)
HxCDDs (total)		0.00000034	NS	0.0000081	0.0000027	ND(0.0000026)
1,2,3,4,6,7,8-HpCDD		0.00000096 J	NS	0.0000027	0.0000040 J	ND(0.0000030) X
HpCDDs (total)		0.0000018	NS	0.0000056	0.0000074	ND(0.0000026)
OCDD		0.0000047	NS	0.0000090	0.000027	0.000012 J
Total TEQs (WHO TEFs)		0.00000068	NS	0.0000032	0.0000019	0.0000038
Inorganics	· · · · · · · · · · · · · · · · · · ·	······		4		
Antimony		1.00 B	NS	NS	ND(6.00)	1.30 B
Arsenic		13.0	NS	NS	3.90	7.60
Barium		110	NŜ	NS	ND(20.0)	130
Beryllium		ND(0.500)	NS	NS	ND(0,500)	ND(0.500)
Cadmíum		ND(0.500)	NS	NS	0.100 B	ND(0.500)
Chromium		15.0	NS	NS	5.40	6.60
Cobalt	1	6.20	NS	NS	7.00	9.00
Соррег		60.0	NS	NS	18.0	50.0
Cvanide		7.10	NS	NS	ND(0.100)	0.100 B
Lead		66.0	NS	NS	15.0 J	52.0 J
Mercury		ND(0.110)	NS	NS	ND(0.100)	0,130
Nicket		14.0	NS	NS	12.0	12.0
Selenium		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Silver		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Sulfide		55.0	NS	NS	24.0	18.0
Thallium		ND(1.10) J	NS	NS	ND(1.00) J	ND(1,10) J
Tin		ND(3.30)	NS	NS	ND(3.60)	ND(10.0)
Vanadium	1	7.30	NS	NS	7.80	6,80
Zinc	··· · · · ·	45.0	NS	NS	41.0	120

Averaging Area: Sample ID:	4B RAA4-D23	4B RAA4-D23	4B RAA4-D23	4B RAA4-D25	4B RAA4-D29	4B RAA4-D29
Sample Depth(Feet):	3-4	13-14	13-15	0-1	0-1	8-10
Parameter Date Collected:	05/30/02	05/30/02	05/30/0 2	04/24/02	04/23/02	04/23/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,1-Trichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,2,2-Tetrachioroethane	ND(0.0067)	ND(0.0054)	NŜ	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1,2-Trichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1-Dichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,1-Dichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2,3-Trichloropropane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dibromoethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dichloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1,2-Dichloropropane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
1.4-Dioxane	ND(0.13)	ND(0.11)	NS	ND(0.10) J	ND(0.11) J	ND(0.30) J
2-Butanone	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.030)
2-Chloro-1,3-butadiene	ND(0.0057)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
2-Chloroethylvmviether	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
2-Hexanone	ND(0.013)	ND(0.011)	NŚ	ND(0.010)	ND(0.011) J	ND(0.060) J
3-Chloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0,0053)	ND(0.0054)	ND(0.030)
4-Methyl-2-pentanone	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.060)
Acetone	ND(0.027)	0.011 J	NS	ND(0.021)	ND(0.022)	ND(0.060)
Acetonítrile	ND(0.13)	ND(0.11)	NS	ND(0.10)	ND(0.11) J	ND(0.60) J
Acrolein	ND(0,13)	ND(0.11)	NS	ND(0.10) J	ND(0.11) J	ND(0.60) J
Acrylonitrile	ND(0.0067)	ND(0.0054)	NŠ	ND(0.0053)	ND(0.0054)	ND(0.030)
Benzene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Bromodichloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Bromoform	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Bromomothane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Carbon Disulfide	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Carbon Tetrachloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chiorobenzene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	1.2
Chloroethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chioroform	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Chloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
cis-1,3-Dichloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dibromochloromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dibromomethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Dichlorodifluoromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)		
	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054) ND(0.0054)	ND(0.030) ND(0.030)
Ethyl Methacrylate	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)		
Ethylbenzene	ND(0.0067)	ND(0.0054)	NS NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Iodomethane			NS	and a second	ND(0.0054)	ND(0.030)
Isobutanol	ND(0.13)	ND(0.11)	NS	ND(0,10)	ND(0.11) J	ND(0.60) J
Methacrylenitrile	ND(0.0067)	ND(0.0054)		ND(0.0053)	ND(0.0054)	ND(0.030)
Methyl Methacrylate	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Methylene Chloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Propionitrile	ND(0.013)	ND(0.011)	NS	ND(0.010)	ND(0.011)	ND(0.030)
Styrene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	ND(0.0300)
Tetrachloroethene	ND(0.0057)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Toluene	ND(0.0067)	ND(0.0054)	NS	ND(0.00530)	ND(0.00540)	NO(0.0300)
trans-1,2-Dichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0853)	ND(0.0054)	ND(0.030)
trans-1,3-Dichloropropene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
trans-1,4-Dichloro-2-butene	NO(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Trichloroethene	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Trichlorofluoromethane	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	NO(0.0054)	ND(0.030)
Vinyl Anetate	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054) J	ND(0.030) J
Vinyl Chloride	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)
Xylenes (total)	ND(0.0067)	ND(0.0054)	NS	ND(0.0053)	ND(0.0054)	ND(0.030)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-D23 3-4	4B RAA4-D23 13-14	48 RAA4-D23 13-15	4B RAA4-D25 0-1	4B RAA4-D29 0-1	4B RAA4-D29 8-10
Parameter Date Collected:	3~4 05/30/02	05/30/02	05/30/02	04/24/02	04/23/02	04/23/02
iemivolatile Organics	000010E		00,00,02	V-11-20-77 U du	An an an are been been	
.2.4.5-Tetrachlorobenzene	NS	NS NS	ND(0.370)	ND(0.530)	ND(0 440)	NS
.2.4-Trichlorobenzene	NS NS	NS	ND(0.370)	ND(0.530)	0.280 J	NS
,2-Dichlorobenzene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
_2-Diphenvlhydrazine	NS	NS	ND(0 37)	ND(0.53)	ND(0.44)	NS
.3.5-Trinitrobenzene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
.3-Dichlorobenzene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
.3-Dinitrobenzene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
.4-Dichlorobenzene	NS	NS	0.0780 J	ND(0.530)	ND(0.440)	NS
.4-Naphthoquinone	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
-Naphthylamine	NŞ	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2,3,4,6-Tetrachlorophenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4,5-Trichlorophenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4,6-Trichlorophenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,4-Dichlorophenoi	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Dimethylphenol	NS	NŚ	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Dinitrophenol	NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
4-Dinitrotoluene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
,6-Dichlorophenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2,6-Dinitrotoluene	NS	NS	ND(0.370)	ND(0.53) J	ND(0.440)	NS
2-Acetylaminofluorene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
2-Chloronaphthalene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Chlorophenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Methyinaphthalene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
2-Methylphenol	NS	NS NO	ND(0.370)	ND(0.530)	ND(0.440)	NS NS
-Naphthylamine	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS NS
Nitroaniline	NS NS	NS	ND(1.9) J	ND(2.60)	ND(2.20) ND(0.730)	NS NS
2-Nitrophenol	NS NS	NS NS	ND(0.750) ND(0.370)	ND(0.710) ND(0.530)	ND(0.440)	NS NS
2-Picoline 3&4-Methylphenol	NS	NS NS	ND(0.750)	ND(0.710)	ND(0.730)	NS NS
3,3'-Dichlorobenzidine	NS	NS	ND(0.750)	ND(1.00)	ND(0.870)	NS
3,3 -Dichio/obenzidine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
3-Methylcholanthrene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
3-Nitroaniline	NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
4,6-Dinitro-2-methylphenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Aminobiphenyl	NS	NS	ND(0.750)	ND(0,710)	ND(0.730)	NS
1-Bromophenyl-phenylether	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Chloro-3-Methylphenol	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Chloroaniline	NS	NS	ND(0.370)	ND(0.530)	ND(0,440)	NS
4-Chiorobenzilate	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
4-Chlorophenyl-phenylether	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
4-Nitroaniline	NS	NS	ND(1.90)	ND(1.80)	ND(1.80)	NS
4-Nitrophenol	NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
1-Nitroquinolíne-1-oxide	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
4-Phenylenediamine	NS	NS	ND(0.75) J	ND(0.71) J	ND(0.73) J	NS
5-Nitro-o-toluidine	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
a,a'-Dimethylphenethylamine	NS	NS	ND(0.750)	ND(0.710)	ND(6.730)	NS
Acenaphthene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Acenaphthylene	NS	NS	ND(0.370)	0.180 J	ND(0.440)	NS
Acetophenone	NŜ	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Aniline	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Anthracene	NS	NS	ND(0.370)	ND(0.530)	0.120 J	NS
Aramite	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Benzidine	NS	NS	ND(0.75)	NO(1.0)	ND(0.87)	<u>I NS</u>
Benzo(a)anthracene	NS	NS	ND(0.370)	ND(0 530)	0.490	NS
Benzo(a)pyrene	NS	NS	ND(0.370)	ND(0.530)	0 420 J	NS
Benzo(b)ficoranthene	NS	NS	ND(0.370)	0.190 J	0.270 J	NS
Benzo(g.h.i)perylese	NS	NS	ND(0.370)	0.230 J	0.230 J	NS
Benzo(k)fluoranthene	NS	NS	ND(0.370)	ND(0 530)	0 300 J) NS
Benzyl Alcohol	NS	NS	ND(0.750)	ND(1.00)	ND(0.870)	NS
ois(2-Chloroethoxy)methane	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
bis (2-Chioroethyl)ether	NS	Í NS	ND(0.370)	ND(C.530)	ND(0.440)	NS

VAGE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data\PDI DATA8 xts Table B-1 (A) Page 54 of 197

Averaging Area:	4B	4B	4B	4B	- 48	4B
Sample ID:	RAA4-D23	RAA4-D23	RAA4-D23	RAA4-D25	RAA4-D29	RAA4-D29
' Sample Depth(Feet):	3-4	13-14	13-15	0-1	0-1	8-10
Parameter Date Collected:	05/30/02	05/30/02	05/30/02	04/24/02	04/23/02	04/23/02
Semivolatile Organics (continued)						
oís(2-Ethylhexyl)phthalate	NS	NS	ND(0.370)	ND(0.350)	0.770	NS
Butylbenzylphthalate	NS	NS	ND(0.370)	ND(0.530)	ND(0 440)	NS
Chrysene	NS	NŚ	ND(0.370)	ND(0.530)	0.550	NS
Diallate	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Dibenzo(a,h)anthracene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Dibenzofuran	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Diethylphthalate	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Dimethylphthalate	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Di-n-Butylphthalate	NS	NS	ND(0.370)	ND(0.530)	0.320 J	NŞ
Di-n-Octylphthalate	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Diphenylamine	NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
Ethyl Methanesulfönate	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Fluoranthene	NS	NS	ND(0.370)	ND(0.530)	0.780	NS
	NS NS	NS NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorobenzene Hexachlorobutadiene	NS	NS NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
	NS	NS	ND(0.370) ND(0.370)	ND(0.530)	ND(0.440)	NS
Hexachlorocyclopentadiene	NS	NS NS	ND(0.370)	ND(0.530) ND(0.530)	ND(0.440) ND(0.440)	NS NS
Hexachlorophene	NS	NS	ND(0.75)	ND(1.0)	ND(0.87)	NS NS
Hexachloropropene	NS	NS	ND(0.370)	ND(0.530)	ND(0.87)	NS
ndeno(1,2,3-cd)pyrene	NS	NS	ND(0.370)	ND(0.530)	0.190 J	NS
Isodrín	NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
sophorone	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
sosafrole	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Methapyrilene	NS	NS	ND(0.750)	ND(0,710)	ND(0.730)	NS
Methyl Methanesulfonate	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
Naphthalene	NS	NS	ND(0.370)	ND(0.530)	0.100 J	NS
Nitrobenzene	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodiethylamine	NS .	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodimethylamine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitroso-di-n-butylamine	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
N-Nitroso-di-n-propylamine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosodiphenylamine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosomethylethylamine	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
N-Nitrosomorpholine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosopiperidine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
N-Nitrosopyrrolidine	NS	NŜ	ND(0.750)	ND(0.710)	ND(0.730)	NS
o.o.o-Trielhylphosphorothioate	NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
p-Toluidine	NS	NS	ND(0.370)	ND(0.530)	ND(0.440)	NS
o-Dimethylaminoazobenzene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Pentachlorobenzene	NS	NS	ND(0.370)	ND(0.530)	0.200 J	NS
Pentachloroethane	NS	NS	ND(0.37)	ND(0.53)	ND(0.44)	NS
Pentachloronitrobenzene	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Pentachlorophenoi	NS	NS	ND(1.90)	ND(2.60)	ND(2.20)	NS
Phenacetin	NS	NS	ND(0.750)	ND(0.710)	ND(0.730)	NS
Phenanthrene	NS	NS	ND(0.370)	ND(0.530)	0.480	NS
Phenol	NS	NS NG	ND(0.370)	ND(0.530)	ND(0.440)	NS
Pronamide	NS NS	NS NG	ND(0.370)	ND(0.530)	ND(0.440)	NS
Pyrene /	NS NS	NS NS	ND(0.370)	ND(0.530)	1 40	NS
Safrole	NS NS		ND(0.370)	ND(0.530)	ND(0.440)	NS NÉ
Thionazin	NS I	NS NS	ND(0.370) ND(0.37)	ND(0.530) ND(0.53)	ND(0.440) ND(0.44)	NS NS

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-D23 3-4 05/30/02	4B RAA4-D23 13-14 05/30/02	4B RAA4-D23 13-15 05/30/02	48 RAA4-D25 0-1 04/24/02	4B RAA4-D29 0-1 04/23/02	4B RAA4-D29 8-10 04/23/02
Furans							
2,3,7,8-TCDF		NS	NS	NS	0.0000010 YB	0.00016 Y	NS
TCDFs (total)		NS	NS	NS	ND(0.000021) X	0.0011 X	NS
1,2,3,7,8-PeC	:DF	NS	NS	NS	ND(0.0000065)	0.00010	NS
2,3,4,7,8-PeC	DF	NS	NS	NS	ND(0.00000091) X	0.00014	NS
PeCDFs (tota		NS	NS	NS	ND(0.000047) X	0.0014	NS
1,2,3.4.7,8-H	×CDF	NS	NS	NS	0.0000022 JB	0.00044	NS
1,2,3,6.7,8-H	xCDF	NS	NS	NS	0.0000011 JB	0.00016	NS
1,2,3.7.8,9-H	XCDF	NS	NS	NS	ND(0.00000030)	ND(0 000018) X	NS
2,3,4,5,7,8-H	xCDF	NS	NS	NS	ND(0.0000021) X	0.00012	NS
HxCDFs (tota	1)	NŞ	NS	NS	ND(0.000030) X	0.0018	NS
1,2,3,4,6,7,8-	HPCDF	NS	MS	NS	ND(0.0000032) X	0.00044	NS
1,2,3,4,7,8,9-	HpCDF	NS	NS	NS	ND(0.00000070)	0.00011	NS
HpCDFs (tota	1)}	NS	NS	NS	ND(0.0000069) X	0 00097	NS
OCDF		NS	NS	NS	ND(0.0000030)	0.0011	NS
Dioxins							
2.3.7.8-TCDD	>	NS	NS	NS	ND(0.00000020)	0.0000016	NS
CDDs (total)	NS	NS	NS	ND(0.00000020)	0.000015	NS
1.2.3.7.8-PeC	DD	NS	NS	NS	ND(0.0000030)	ND(0.0000042) X	NS
PeCDDs (tota	al)	NS	NS	NS	ND(0.0000021) X	0.0000034	NS
1.2.3.4.7.8-H	×CDD	NS	NS	NS	ND(0,00000050)	0.0000033 J	NŚ
1,2,3,6,7,8-H	xCDD	NS	NS	NS	ND(0.00000060)	0.0000098	NS
1,2.3,7.8,9-H	×CDD	NS	NS	NS	ND(0.0000060)	0.000013	NŚ
HxCDDs (tota	u)	NS	NS	NS	ND(0.00000060)	0.000068	NS
1,2,3,4,6,7,8-	HpCDD	NS	NS	NS	ND(0.0000032) X	0.000078	NS
IpCDDs (tota	al)	NS	NS	NS	0.0000046	0.00017	NS
	1	NS	NS	NS	0.000026	0.00043	NS
Total TEQs (WHO TEFs)	NS	NS	NS	0.0000012	0.00018	NS
norganics	·····						
Antimony		NS	NS	NS	ND(6.00)	ND(6.00)	NS
Arsenic		NS	NS	NS	4.70	11.0	NS
Barium		NS	NS	NS	22.0	42.0	NS
Bervllium		NS	NS	NS	ND(0.500)	ND(0.500)	NS
Cadmium		NS	NS	NS	0.520	1.50	NS
Chromium		NS	NS	NS	6.20	44.0	NS
Cobalt		NS	NS	NS	6.20	9.40	NS
Copper		NS	NS	NS	15.0	170	NS
Cvanide		NS	NS	NS	ND(0.100)	0.760	NS
ead		NS	NS	NŚ	14.0 J	100	NS
viercury	······································	NS	NS	NS	ND(0.100)	2.00	NS
Nickel		NS	NS	NS	12.0	45.0	NS
Selenium		NS	NS	NS	ND(1.00) J	ND(1.00)	NS
Silver	·····	NS	NS	NS	ND(1.00)	ND(1.00)	NS
Sulfide		NS	NS	NS	8.40	78.0	NS
Thallium		NS	NS	NS	ND(1.00) J	ND(1.10) J	NS
ĩ in		NS	NS	NS	ND(10.0)	ND(14.0)	NS
Vanadium		NS	NS	NS	7.80	16.0	NS
Zinc		NS	NS	NS	41.0	140	NS

	Averaging Area: Sample ID:	48 RAA4-D31	4B RAA4-D33	4B RAA4-D34	4B RAA4-D34	4B RAA4-D34	4B RAA4-D35
	Sample Depth(Feet):	0-1	0-1	0-1	6-8	6-15	6-15
⁵ arameter	Date Collected:	05/21/02	05/21/02	04/23/02	04/23/02	04/23/02	05/17/02
Volatile Orga	nics						
1,1,1,2-Tetrac	hloroethane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1,1-Trichton		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1,2,2-Tetrac	bloroethane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NŚ	NŜ
1.1.2-Trichlor	pethane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1-Dichloroe	bane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,1-Dichloroe	thene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2,3-Trichlor	opropane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dibromo-l	3-chloropropane	NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dibromoe	thane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dichloroe	hane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1,2-Dichlorop	enegor	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
1.4-Dioxane		NS	ND(0.11) J	ND(0.11) J	ND(0.12) J	NS	NS
2-Butanone		NS	ND(0.011)	ND(0.011)	0.013	NS	NS
2-Chioro-1,3-	butadiene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
2-Chloroethyl	vinylether	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
2-Hexanone		NS	ND(0.011) J	ND(0.011) J	ND(0.012) J	NS	NS
3-Chloroprope	one	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
4-Methyl-2-p€	intanone	NS	ND(0.011)	ND(0.011)	ND(0.012)	NS	NS
Acetone		NS	ND(0.023)	ND(0.023)	0.032	NS	NS
Acetonitrile		NS	ND(0.11) J	ND(0.11) J	ND(0.12) J	NS	NS
Acrolein		NS	ND(0.13) J	ND(0.11) J	ND(0.12) J	NS	NS
Acrylonitrile		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Benzene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
Bromodichlor	omethane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Bromoform		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
Bromomethar	ie l	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Carbon Disulf	ïde	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Carbon Tetra	chlorìde	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Chlorobenzer	ie	NS	ND(0.0057)	ND(0.0057)	0.018	NS	NS
Chloroethane		NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
Chloroform		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Chloromethar	10	NS	ND(0.0057) J	ND(0.0057)	ND(0.0061)	NS	NS
cis-1,3-Dichlo	ropropene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dibromochior	······································	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dibromometh	ane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Dichlorodifluc	romethane	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Ethyl Methaci		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Ethylbenzene		NS	ND(0.00570)	ND(0.00570)	0.00310 J	NS	NS
lodomethane		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Isobutanol		NS	ND(0,11)	ND(0.11) J	ND(0.12) J	NS	NS
Methacrylonit	rile	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	N\$	NS
Methyl Metha	crylate	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Methylene Cr	loride	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Propionitrile		NS	ND(0.011)	ND(0.011)	ND(0.012)	NS	NS
Styrene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
Tetrachloroet	hene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Toluene		NS	ND(0.00570)	ND(0.00570)	ND(0.00610)	NS	NS
Irans-1.2-Dicl	hioroethene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
	horopropene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
	nioro-2-butene	NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Trichloroethe		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Trichlorofluon		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NŚ
Vinyl Acetate		NS	ND(0.0057)	ND(0.0057) J	ND(0.0061) J	NS	NS
Vinyl Chloriae		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS
Xylones (total		NS	ND(0.0057)	ND(0.0057)	ND(0.0061)	NS	NS NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample 1D:	4B RAA4-D31	4B RAA4-D33	4B RAA4-D34	4B RAA4-D34	4B RAA4-D34	4B RAA4-D35
Sample Depth(Feet): Parameter Date Collected:	0-1 05/21/02	0-1- 05/21/02	0-1 04/23/02	6-8 04/23/02	6-15 04/23/02	6-15 05/17/02
Semivolatile Organics	03/21/02	05/21/02	04/23/02	04/25/02	04/25/02	05/17/02
1,2,4,5-Tetrachlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	1 NIS
1.2.4-Trichlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS NS
1.2-Dichlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS NS
,2-Diphenylhydrazine	NS	ND(0.38)	ND(0.38)	NS	ND(0.410)	NS NS
1,3,5-Trinitrobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
3-Dichlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
.3-Dinitrobenzene	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS NS
,4-Dichlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
,4-Naphthoquinone	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Naphthylamine	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
2,3,4,6-Tetrachlorophenoi	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4.5-Trichlorophenol	NŜ	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4.6-Trichlorophenol	NS	ND(0.380)	ND(0.380)	NS	ND(0,410)	NS
,4-Dichlorophenol	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Dimethylpheno)	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
4-Dinitrophenol	NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
,4-Dinitrotoluene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
,6-Dichlorophenol	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
,6-Dinitrotoluene	NS	ND(0.380)	ND(0.380)	NS	ND(0.41) J	NS
-Acetylaminofluorene	NŚ	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Chloronaphthalene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
-Chloraphenol	NS	ND(0.380)	ND(0.380)	NŜ	ND(0.410)	NS
-Methylnaphthalene	NS	1.20	0.320 J	NS	3.40	NS
-Methylphenol	NS	ND(0.380)	ND(0.380)	NS	0.260 J	NS
-Naphthylamine	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Nitroaniline	NS	ND(1.9) J	ND(1.90)	NS	ND(2.10)	NS
Nitrophenol	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Picoline	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
&4-Methylphenol	NS	ND(0.760)	ND(0.760)	NS	0.630 J	NS
3-Dichlorobenzidine	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
,3'-Dimethylbenzidine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
-Methylcholanthrene	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Nitroanitine	NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
6-Dinitro-2-methylphenol	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
-Aminobiphenyl -Bromophenyl-phenylether	NS NS	ND(0.760)	ND(0.760)	NS NS	ND(0.820)	NS NS
I-Chiora-3-Methylphenol	NS NS	ND(0.380) ND(0.380)	ND(0.380) ND(0.380)	NS	ND(0.410) ND(0.410)	NS NS
-Chtoroaniline	NS	ND(0.380)	ND(0.380)	NS NS	ND(0.410)	NS NS
-Chiorobenzilate	NS	ND(0.360)	ND(0.760)	NS	ND(0.820)	NS
-Chlorophenyl-phenylether	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS NS
-Nitroaniline	NS	ND(1.90)	ND(1.90)	NS	ND(0.410)	NS
-Nitrophenol	NS	ND(1.90)	ND(1.90)	NS	ND(2.10)	NS
-Nitroquinoline-1-oxide	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
-Phenylenediamine	NS	ND(0.76) J	ND(0.76) J	NS	ND(0.82) J	NS
-Nitro-o-toluídine	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
12-Dimethylbenz(a)anthracene	NS	ND(0,760)	ND(0.760)	NS	ND(0.820)	NS
a'-Dimethylphenethylamine	NS	ND(0.760)	ND(0 760)	NS	ND(0.820)	NS
cenaphthene	NS	0.0940 J	ND(0.380)	NS	0.650	NS
cenaphthylene	NS	0.490	0.420	NS	1.60	NS
cetophenone	NS	ND(0.380)	0.190 J	NS	0.220 J	NS
miline	NS	ND(0.380)	ND(0.380)	NS	ND(9.410)	NS NS
nthracene	NS	0.420	0.420	NS	4.00	NS
ramite	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
enzidine	NS	ND(0.76)	ND(0.76)	NS	ND(0.82) J	NS
enzo(a)anthracene	NS	2 00	1.30	NS	3.30	NS
enzo(a)pyrene	NS	2.50	1.30	NS	2.00	NS
lonzo(b)fluoranthene	NS	1.90	1.70	NS	2.70	NS
enzo(g,h,i)peryiene	NS	2.20	1.60	NS	0.690	NS
ienzo(k)fluoranthene	NS	1 60	1 60	NS	1.80	NS
enzyl Alconol	NS	ND(0.760)	ND(0.760)	NS I	ND(0.820)	NS
is(2-Chloroethoxy)methane	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
is(2-Chloroethyl)ether	NS	ND(0.380)	ND(0.380)	NS I	ND(0.41D)	NS
sis(2-Chioroisopropyl)ether	NS	ND(0.380)	ND(G 380)	NS	ND(9.410)	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	48	4B	4B
Sample ID:	RAA4-D31	RAA4-D33	RAA4-D34	RAA4-D34	RAA4-D34	RAA4-D35
Sample Depth(Feet):	0-1	0-1	0-1	6-8	6-15	6-15
Parameter Date Collected:	05/21/02	05/21/02	04/23/02	04/23/02	04/23/02	05/17/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyi)phthalate	NŚ	ND(0.370)	ND(0.380)	NS .	ND(0.400)	NS NS
Jutylbenzylphthalate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Chrysene	NS	2.10	1.30	NS	2.80	NS
Diallate	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Dibenzo(a,h)anthracone	NS	0.600	0.660	NS	ND(0.410)	NS
Dibenzofuran	NS	0.0920 J	0.0980 J	NS	3.10	NS
Diethylphthalate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Dimethylphthalate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Di-n-Butyiphthalate	NS	0.180 J	0.180 J	NS	ND(0.410)	NS
Di-n-Octylphthalate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Diphenylamine	NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
Ethyl Methanesulfonate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Fluoranthene	NS	1.80	2.00	NS	15.0	NS
luorene	NS	0.190 J	0.110 J	NS	3.20	NS
exachlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
lexachlorobutadiene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
lexachlorocyclopentadiene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
-lexachloroethane	NS	ND(0.38) J	ND(0.380)	NS	ND(0.410)	NS
lexachlorophene	NS	ND(0.76)	ND(0.76)	NS	ND(0.82)	NS
lexachioropropene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
ndeno(1,2,3-cd)pyrene	NS	1.80	1.70	NS	0.700	NS
sodrin	NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NIS
sophorone	NS	ND(0.380)	ND(0.380)	NS NS	ND(0.410)	NS
sosafrole	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Vethapyniene	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Methyl Methanesulfonate	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Naphthalene	NS	2.40	1.20	NS	12.0	NS
Nitrobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodiethylamine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodimethylamine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitroso-di-n-butylamine	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
N-Nitroso-di-n-propylamine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosodiphenylamine	NŞ	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosomethylethylamine	NS	ND(0.760)	ND(0.760)	NS	NO(0.820)	NS
N-Nitrosomorpholine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosopiperidine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
N-Nitrosopyrrolidine	NS	ND(0.760)	ND(0.760)	N5	ND(0.820)	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
>-Toluidine	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
p-Dimethylaminoazobenzene	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Pentachlorobenzene	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
Pentachloroethane	NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS
Pentachloronitrobenzene	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Pentachlorophenol	NS	ND(1.90)	ND(1.90)	NŞ	ND(2.10)	NS
Phenacetin	NS	ND(0.760)	ND(0.760)	NS	ND(0.820)	NS
Phenanthrene	NS	1.60	1.30	NS	20.0	NS
Phenot	NS	ND(0.380)	0.0930 J	NS	0.710	NS
Pronamide	NS	ND(0.380)	ND(0.390)	NS	ND(0.410)	NS
^{>} yrene	NS	5.40	2.80	NS	12.0	NS
Pyridine	NS	ND(0.360)	ND(0.380)	NS	ND(0.410)	NS
Safrole	NS	ND(0.380)	ND(0.380)	NS	ND(0.410)	NS
l'hionazin	NS	ND(0.38)	ND(0.38)	NS	ND(0.41)	NS

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

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e Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-D31 0-1 05/21/02	4B RAA4-D33 0-1 05/21/02	4B RAA4-D34 0-1 04/23/02	4B RAA4-D34 6-8 04/23/02	4B RAA4-D34 6-15 04/23/02	4B RAA4-D35 6-15 05/17/02
Furans							
2,3.7,8-TCDF		0.000022	0.000055	0.000022 J	NS	0.000011 YB	0.0000018
TCDFs (total)		0.00012	0.00046	0.00024	NS	0.00014 X	0.000026 !
1,2,3,7,8-PeCD	F	0.0000093 J	0.000017 J	0.0000096	NS	0.0000036 JB	0.0000020 J
2,3,4,7,8-PeCD	F	0.000026	0.000033	0.000012 J	NS	0.0000058	0.0000074
PeCDFs (total)		0.00027	0.00034 Q	0.00021	NS	0.00025	0.0000591
1,2,3,4,7,8-HxC	DF	0.000021 J	0.000027 J	0.000029	NS	0.0000088	0.000045
1,2,3,6,7,8-HxC	2DF	0.000012 J	0.000016 J	0.060015	NS	0.000011	0.0000059
1,2,3,7,8,9-HxC	DF	0.0000042 J	0.0000061 J	ND(0.0000023) X	NS	ND(0.0000030) X	0.0000067
2,3,4,6,7,8-HxC	DF	0.000027	0.000029	0.000028 YJ	NS	0.000035	0.0000064
HxCDFs (total)		0.00036	0.00050	0.00046	NS	0 00054	0.000121
1,2,3,4,6,7,8-Hp	OCDF	0.00011	0.00028	0.00022	NS	0.000041	0.000039
1,2,3,4,7.8,9-H	DCDF	0.0000074 J	0.0000091J	0.0000082	NS	0.0000031 J	0.000030
HpCDFs (total)		0.00023	0.00050	0.00039	NS	0.00010	0.00013
OCDF		0.000088	0.00014	0.00012	NS	0.000012	0.00017
Dioxins			***************************************				<u> </u>
2,3,7,8-TCDD		ND(0.0000012) X	ND(0.0000023) X	0.00000092 JB	NS	ND(0.0000030)	0.00000026 J
TCDDs (total)		0.0000050	0.0000066	0.0000070	NS	0.0000023	0.0000060
1,2,3,7,8-PeCD	0	ND(0.0000061) X	ND(0.0000025) X	0.0000013 J	NS	ND(0.00000030)	0.0000013 J
PeCDDs (total)		0.0000023	0.0000099 Q	0.0000049	NS	0.0000063	0.0000070
1,2,3,4,7,8-HxC	DD	ND(0.0000016) X	0.0000020 J	0.0000011 J	NS	0.00000054 J	0.0000017 J
1,2,3,6,7,8-HxC	DD	ND(0.0000038) X	0.0000068 J	0.0000033 J	NS	0.0000077 J	0.0000030
1,2,3,7,8,9-HxC	DD	0.0000021 J	0.0000050 J	0.0000017 J	NS	ND(0.00000077) X	0.0000017 J
HxCDDs (total)		0.000019	0.000053	0.000019	NS	0.0000075	0.000033
1,2,3,4,6,7,8-Hp	pCDD	0.000050	0.00011	0.000047	NS	0.0000065	0.000011
HpCDDs (total)		0.000099	0.00021	0.000092	NS	0.000012	0.000022
OCDD		0.00047	0.00084	0.00038	NS	0.000025	0.000031
Total TEQs (WI	HO TEFs)	0.000028	0.000039	0.000022	NS	0.000011	0.000013
Inorganics							
Antimony		NS	0.940 B	1.50 B	NŞ	ND(6.00)	NS
Arsenic		NS	7.50	6.60	NS	14.0	NS
Barium		NŜ	34.0	26.0	NS	59,0	NS
Beryllium		NS	ND(0.500)	ND(0.500)	NS	ND(0.500)	NS
Cadmium		NŚ	0.530	ND(0.500)	NS	0.800	NS
Chromium		NS	11.0	9,90	NS	17.0	NS
Cobalt		NS	8.20	6.60	NS	6.30	NS
Copper		NS	38.0	37.0	NS	92.0	NS
Cyanide		NS	1.40	5.30	NS	7.00	NS
Lead		NS	190 J	47.0	NS	180	NŚ
Mercury		NŚ	ND(0.110)	0.260	NS	0.490	NS
Nickel		NS	17.0	13.0	NS	20.0	NS
Selenium		NŚ	0.570 J	ND(1.00)	NS	1.10	NS
Silver		NS	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS
Sulfide	1	NS	34.0	82.0	NS	400	NS
Thallium		NS	ND(1.70)	ND(1.10) J	NS	ND(1.20) J	NS
Tin		NS	4.50 B	ND(10.0)	NS	63.0	NS
Vanadium	1	NS	9.10	9.20	NS	17.0	NS
Zinc		NS	74.0 J	64.0	NS	220	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	4B	4B	4B	4B	4B
Sample ID:	RAA4-E17	RAA4-E17	RAA4-E23	RAA4-E27	RAA4-E27	RAA4-E29
Sample Depth(Feet):	0-1	1-6	0-1	6-15	13-15	0-1
arameter Date Collected:	06/07/02	06/07/02	04/24/02	06/04/02	06/04/02	05/21/02
olatile Organics						
1,1,2-Tetrachloroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
,1,1-Trichtoroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.35)
1,2,2-Tetrachloroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1,2-Trichloroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1-Dichloroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
1-Dichloroethene	ND(0.0055)	NŚ	ND(0.0053)	NS	ND(0.031)	ND(0.36)
2,3-Trichloropropane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
,2-Dibromo-3-chloropropane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
,2-Dibromoethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.35)
2-Dichloroethane	ND(0.0055)	NS	ND(0.0053)	NS	0.069	ND(0.36)
2-Dichloropropane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
4-Dioxane	ND(0.11) J	NS	ND(0,10) J	NS	ND(0.31) J	ND(14) J
-Butanone	ND(0.011)	NS	ND(0.010)	NS	ND(0.031)	ND(7.2)
-Chloro-1,3-butadiene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
-Chloroethylvinylether	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
-Hexanone	ND(0.011)	NS	ND(0.010)	NS	ND(0.062)	ND(0.72)
-Chlaropropene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
-Ondropropene -Methyl-2-pentanone	ND(0.0033)	NS NS	ND(0.010)	NS	ND(0.062)	ND(0.72)
cetone	0.031	NS	ND(0.021)	NS	0.066	ND(0.72) ND(7.2) J
cetonitrile	ND(0.11)	NS	ND(0.10)	NS	ND(0.62) J	ND(7.2) J
Contraction of the second	ND(0.11) J	NS	ND(0.10) J	NS	ND(0.62) J	ND(7.2) J
	ND(0.0055)	NS NS	ND(0.0053)	NS	ND(0.031)	ND(0.72) J
crylonitrile					<u></u>	
enzene	ND(0.00550)	NS	ND(0.00530)	NS NS	ND(0.0310)	ND(0.360)
romodichloromethane	ND(0.0055)	NS	ND(0.0053)		ND(0.031)	ND(0.36)
romoform	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031) J	ND(0.36)
romomethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
arbon Disulfide	NCX(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
arbon Tetrachloride	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
hlorobenzene	ND(0.0055)	NS	ND(0.0053)	NS	28	ND(0.36)
hioroethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031) J	ND(0.72)
hloroform	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Chloromethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
is-1,3-Dichloropropene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
ibromochloromethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
ibromomethane	ND(0.0055)	<u>N\$</u>	ND(0.0053)	NS	ND(0.031)	ND(0.36)
ichlorodifluoromethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
thyl Methacrylate	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
thylbenzene	ND(0.00550)	NS	ND(0.00530)	NS	0.480	5.80
odomethane	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
obutanol	ND(0.11)	NS	ND(0.10)	NS	ND(0.62)	ND(14)
tethacrylonitrite	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
lethyl Methacrylate	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
lethylene Chioride	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
Propionitrile	ND(0.011)	NS	ND(0.010)	NS	ND(0.031)	ND(3.6) J
lyrene	ND(0.00550)	NS	ND(0.00530)	NS	ND(0.0310)	ND(0.360)
etrachioroethene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
oluene	ND(0.00550)	NS	ND(0.00530)	NS	0.0320	ND(0.360)
ans-1,2-Dichloroethene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
ans-1,3-Dichloropropene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
ans-1,4-Dichloro-2-butene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.72)
richloroethene	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	ND(0.36)
	ND(0.0055)	NS	ND(0.0053)	NS	ND(0.031)	 An experimental control of a state of the st
richlorofluoromethane	· · · · · · · · · · · · · · · · · · ·	NS	ND(0.0053)		ND(0.031)	ND(0.36) ND(9.72)
Inyl Acetate	ND(0.0055)	NS NS	· · · · · ·	NS NC		
/inyl Chloride	ND(0.0055)	N CL	ND(0.0053)	NS	ND(0.031)	ND(0.72)

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4B RAA4-E17	4B RAA4-E17	4B RAA4-E23 0-1	4B RAA4-E27 6-15	4B RAA4-E27 13-15	4B RAA4-E29 0-1
Sample Depth(Feet): Parameter Date Collected:	0-1 06/07/02	1-6 06/07/02	04/24/02	06/04/02	06/04/02	05/21/02
Parameter Date Collected:	00/01/02	00/07/02	04724702	00/04/02	0000-002	0012.002
	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2.4.5-Tetrachlorobenzene	ND(0.360)	NS NS	ND(0.350)	ND(1.40)	NS	1.60
2-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
2-Diphenylhydrazine	ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
.3.5-Trinitrobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
,3-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	0.180 J	NS	ND(0.380)
.3-Dinitrobenzene	ND(0.730)	NS NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
4-Dichlorobenzene	ND(0.360)	NS	ND(0.350)	0.770 J	NS	1,90
4-Naphthoquinone	ND(0.730)	NS	ND(0.710)	NO(1.40)	NS	ND(0.770)
-Naphthylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
3.4.6-Tetrachiorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4,5-Trichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4,6-Trichtorophenol	ND(0.360)	NS	ND(0.350)	ND(1,40)	NŚ	ND(0.380)
4-Dichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
,4-Dimethylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
4-Dinitrophenol	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
,4-Dinitrotoluene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
6-Dichlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NŞ	NO(0.380)
,6-Dinitrotoluene	ND(0.360)	NS	ND(0.35) J	ND(1.40)	NŚ	ND(0.380)
-Acetylaminofluorene	ND(0.730)	NS	NO(0.710)	ND(1.40)	NS	ND(0.770)
-Chloronaphthalene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Chlorophenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Methylnaphthalene	ND(0.360)	NS	ND(0.350)	1.30 J	NS	190
-Methylphenol	ND(0.360)	NS	NO(0.350)	ND(1.40)	NS	ND(0.380)
-Naphthylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NŜ	ND(0.770)
-Nitroaniline	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.9) J
-Nitrophenol	ND(0.730)	NS	ND(0.710)	ND(1.40)	NŜ	ND(0.770)
-Picoline	ND(0.360)	NS	ND(0.350)	ND(1,40)	NS	ND(0.380)
1&4-Methylphenol	ND(0.730)	NŚ	0.200 J	ND(1.40)	NS	ND(0.770)
.3'-Dichlorobenzidine	ND(0.730)	N\$	ND(0.710)	ND(2.90)	NS	ND(0.770)
,3'-Dimethylbenzldine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Methylcholanthrene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
-Nitroaniline	NO(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
6-Dinitro-2-methylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
I-Aminobiphenyl	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
-Bromophenyl-phenylether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Chloro-3-Methylphenol	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Chloroaniline	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Chlorobenzilate	ND(0.730)	NS	ND(0.710)	ND(1.40)	NŞ	ND(0.770)
-Chiorophenyl-phenylether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Nitroaniline	ND(1.8) J	NS	ND(1.80)	ND(2.10)	NS	ND(1.90)
-Nitrophenol	ND(1.80)	NS	ND(1.80)	ND(7.20)	NS	ND(1.90)
-Nitroquinoline-1-oxide	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
-Phenylenediamine	ND(0.73) J	NS	ND(0.71) J	ND(1.4) J	NS	ND(0.77) J
-Nitro-o-toluidine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
12-Dimethylbenz(a)anthracene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
a.a'-Dimethylphenethylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
	ND(0.360)	NS	ND(0.350)	9.10	NS	110
cenaphthyiene	ND(0.360)	NS NS	ND(0.350)	0.880 J	NS	12.0
	ND(0.360)		ND(0.350)	ND(1.40)	NS	ND(0.380) ND(0.380)
uniline	ND(0.360)	NS NS	0.500	ND(1.40)	NS	
In thracene	ND(0.360)	And the second	0.100 J	10.0	NS	61.0 NINO 7703
ramite	ND(0.730)	NS	ND(0.710) ND(0.71)	ND(1.40)	NS NS	ND(0.776)
enzidine	ND(0.73) J	NS		ND(1.4) J	a service service reference on a service and a service service of the service of	ND(0.77)
enzo(a)anthracene	ND(0.360)	NS	0.220 J	7.20	NS	53.0
enze(a)pyrene	ND(9.369)	NS	0.400	5 40	NS	42.0
enzo(b)filioranthene	ND(0.360)	NS	0.350 J	2.70	NS	21.0
lenzo(g,n,i)perylene	ND(0.360)	NS	0.390	2.80	NS	24.0
enzo(K)Auoranthene	ND(0.360)	NS	0.260 J	2.90	NS	27.0
enzyl Alcohol	ND(0 730)	NS	ND(0.710)	ND(2.95)	NS 112	ND(0.770)
is(2-Chloroethoxy)methane	ND(0 360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
ois(2-Chloroethyl)ether	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.320)
bis(2-Chlorolsopropyl)ether	ND(0.360)	NS	ND(0.350)	ND(2.9) J	NS	ND(0.380)

V:\GE_P\ttsfield_CD_ESA_2_South_Confidential/Notes and Data:PDI DATA8.xic Table B-1 (A) Page 62 of 197

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Averaging Area:	4B	4B	4B	4B	4B	48
Sample ID:	RAA4-E17	RAA4-E17	RAA4-E23	RAA4-E27	RAA4-E27	RAA4+E29
Sample Depth(Feet):	0-1	1-6	0-1	6-15	13-15	0-1
arameter Date Collected:	06/07/02	06/07/02	04/24/02	06/04/02	06/04/02	05/21/02
emivolatile Organics (continued)						
is(2-Ethyihexyl)phthalate	ND(0.360)	NS	ND(0.350)	NO(0.720)	NS	ND(0.380)
lutylbenzylphthalate	ND(0.360)	NS	ND(0.350)	ND(1.40)	NŜ	ND(0.380)
brysene	ND(0.360)	NS	0.240 J	6.40	NS	47.0
hallate	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
Nbenzo(a,h)anthracene	ND(0.360)	NS	ND(0.350)	0.940 J	NS	11.0
abenzofuran	ND(0.360)	NS	ND(0.350)	0.700 J	NS	ND(0.380)
Diethylphthalate	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
imethylphthalate	ND(0.360)	NS	ND(0.350)	ND(1,40)	NS	ND(0.380)
i-n-Butyiphthalate	ND(0.360)	NS	0.400	ND(1.40)	NS	ND(0.380)
u-n-Octylphihalate	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
iphenylamine	ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
thyl Methanesulfonate	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
luoranthene	ND(0.360)	NS	0.480	9 90	NS	66.0
luorene	ND(0.360)	NS	ND(0.350)	7.20	NS	65.0
exachlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
exachlorobutadiene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
exachlorocyclopentadiene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
exachloroethane	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.38) J
exachlorophene	ND(0.73)	NS	ND(0.71)	ND(2.9)	NS	ND(0.77)
exachloropropene	ND(0.360)	NŚ	ND(0.350)	ND(1.40)	NS	ND(0.380)
deno(1,2,3-cd)pyrene	ND(0.360)	NS	0.360	2.30	NS	21.0
odrin	ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
ophorone	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
osafrole	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
lethapyrilene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
lethyl Methanesulfonate	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
laphthalene	ND(0.360)	NS	ND(0.350)	2 50	NS	410
litrobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0 380)
-Nitrosodiethylamine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
I-Nitrosodimethylamine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Nitroso-di-n-butylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
-Nitroso-di-n-propylamine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
I-Nitrosodiphenylamine	ND(0.360)	NŞ	ND(0.350)	ND(1.40)	NS	ND(0.380)
I-Nitrosomethylethylamine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
l-Nitrosomorpholine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Nitrosopiperidine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
-Nitrosopyrrolidine	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.770)
,o,o-Triethylphosphorolhioate	ND(0.35)	NS	ND(0.35)	ND(14)	NS	ND(0.38)
Toluidine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
Dimethylaminoazobenzene	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS	ND(0.330)
entachlorobenzene	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
entachloroethane	ND(0.36)	NS	ND(0.35)	ND(1.4)	NS	ND(0.38)
entachloronitrobenzene	ND(0.730)	NS	ND(0.710)		NS	
entachlorophenol	ND(1.80)	NS	ND(1.80)	ND(1.40) ND(7.20)	NS	ND(0.770) ND(1.90)
henacetin	ND(0.730)	NS	ND(0.710)	ND(1.40)	NS NS	
henanthrene	ND(0.360)	NS	0.380	38.0		ND(0.770)
henol	ND(0.360)	NS	0.260 J		NS	190
ronamide	ND(0.360)	NS NS		ND(1.40)	NS	ND(0.380)
	ND(0.360)		ND(0.350)	ND(1.40)	NS	ND(0.380)
yrene	an an an an air an	NS	0.500	35.0	NS	120
yridine	ND(0.360)	NS	ND(0.350)	ND(1.40)	NS	ND(0.380)
afrote	ND(0.360)	NS	ND(0.350)	ND(140)	NS	ND(0.380)

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Averaging Area: Sample ID:	4B RAA4-E17	4B RAA4-E17	4B RAA4-E23	4B RAA4-E27	4B RAA4-E27	4B RAA4-E29
Sample Depth(Feet):	0-1	1-6	0-1	6-15	13-15	0-1
Parameter Date Collected:	06/07/02	06/07/02	04/24/02	06/04/02	06/04/02	05/21/02
Furans						
2.3.7.8-TCDF	ND(0.00000015)	ND(0.00000011)	0 000018 Y	NS	NS	0.000068
TCDFs (total)	ND(0.00000014)	ND(0.00000011)	0.00020	NS	NS	0.00048 Q
1,2,3,7,8-PeCDF	ND(0.00000027)	ND(0.00000027)	0.0000071	NS	NS	0.000040
2.3.4.7.8-PeCDF	ND(0.00000027)	ND(0.00000027)	0.000012	NS	NS	0.00012
PeCDFs (total)	ND(0.00000034)	ND(0.00000027)	0.00048	NS	NS	0.00088 Q
1,2,3,4,7,8-HxCDF	ND(0.00000027)	ND(0.00000027)	0.000038	NS	NS	0.00018
1,2,3,6,7,8-HxCDF	ND(0.00000027)	ND(0.00000027)	0.000016	NS	NŜ	0.000059
1,2,3,7,8,9-HxCDF	ND(0.00000027)	ND(0.00000027)	ND(0.00012) X	NS	NS	0.000041
2,3,4,6,7,8-HxCDF	ND(0.00000027)	ND(0.00000027)	0.000026	NS	NS	0.000081
HxCDFs (total)	ND(0.00000027)	0.00000015	0.00094	NS	NS	0.0011
1,2,3,4,6,7,8-HpCDF	0.00000012 J	ND(0.00000014) X	0.000063	NS	NS	0.00018
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	ND(0.00000027)	ND(0.000011) X	NS	NS	0.000073
HpCDFs (total)	0.00000025	ND(0.00000027)	0.00013	NS	NS	0.00044
OCDF	ND(0.00000055)	ND(0.00000054)	ND(0.000045) X	NS	NS	0.00030
Dioxins						
2,3,7,8-TCDD	ND(0.00000011)	ND(0.00000011)	ND(0.00000047)	NS	NS	ND(0.0000080)
TCDDs (total)	ND(0.00000017)	ND(0.00000019)	0.0000057	NS	NS	0.000016
1,2,3,7,8-PeCDD	ND(0.00000027)	ND(0.00000027)	0.0000045 J	NŞ	NS	ND(0.0000081) X
PeCDDs (total)	ND(0.00000027)	ND(0.00000027)	0.000016	NS	NS	0.000040 Q
1,2,3,4,7.8-HxCDD	ND(0.00000027)	ND(0.00000027)	0.0000048 J	NS	NS	0.0000077 J
1,2,3,6,7,8-HxCDD	ND(0.00000027)	ND(0.00000027)	0.0000080	NS	NS	0.0000099 J
1,2,3,7,8,9-HxCDD	ND(0.00000027)	ND(0.00000027)	0.0000062	NS	NS	0.0000073 J
HxCDDs (total)	ND(0.0000033)	ND(0.0000035)	0.000040	NS	NS	0.00012
1.2.3.4.6.7.8-HpCDD	0.00000028 J	0.00000039 J	0.000045	NS	NS	0.000062
HpCDDs (total)	0.00000049	0.00000039	0.00011	NS	NS	0.00012
OCDD	ND(0.0000024)	0.000025 J	0.00013	NS	NS	0.00023
Total TEQs (WHO TEFs)	0 00000037	0.0000037	0.000030	NS	NS	0.00011
Inorganics						
Antimony	ND(6.00)	NS	ND(6.00)	NS	NS	ND(6.00)
Arsenic	4,80	NS	2.40	NS	NS	6.80
Barium	21.0	NS	ND(20.0)	NS	NS	36.0
Beryllium	ND(0.500)	NS	0.140 B	NS	NS	ND(0.500)
Cadmium	ND(0.500)	NS	ND(0.500)	NS	NS	0.570
Chromium	8.20	NS	3.80	NS	NS	14.0
Cobalt	7.40	NS	ND(5.00)	NS	NS	5.40
Copper	26.0	NS	39.0	NS	NS	77.0
Cyanide	ND(0.110)	NS	0.100	NS	NS	3.40
Lead	41.0 J	NS	57.0 J	NS	NS	140 J
Mercury	ND(0.110)	NS	0.150	NS	NS	0.880
Nickel	12.0	NS	7.80	NS	NS	12.0
Selenium	ND(1.00)	NS	ND(1.00) J	NS	NS	0.790 J
Silver	ND(1.00)	NS	ND(1.00)	NS	NS	0.360 B
Sulfide	17.0	N\$	24.0	NS	NS	24.0
Thallium	ND(1.10)	NS	ND(1.00) J	NS	NS	ND(1.70)
Tin	ND(3.40)	NS	ND(10.0)	NS	NS	14.0
Vanadium	8.00	NS	5.00	NS	NS	11.0
Zinc	44.0	NS	35.0	NS	NS	97.Q J

Averaging Area:	4B	48	4B	4B	4B	4B
Sample ID:	RAA4-E29	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E35
Sample Depth(Feet):	1-6	0-1	1-5	4-6	6-15	0-1
Parameter Date Collected:	05/21/02	04/24/02	04/24/02	04/24/02	04/24/02	05/17/02
Volatile Organics						
1.1.1,2-Tetrachloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,1-Trichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,2,2-Tetrachloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1,2-Trichlorcethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1-Dichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,1-Dichloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1.2.3-Trichloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1.2-Dibromo-3-chloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dibromoethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1.2-Dichloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,2-Dichloropropane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
1,4-Dioxane 2-Butanone	NS NS	ND(0.11) J ND(0.011)	NS NS	ND(0.28) J ND(0.028)	NS NS	ND(0.15) J
	NS NS		NS NS	سيئسسي فيستعد ومستخد وسيتعد والمتعاد	NS	ND(0.015)
2-Chloro-1,3-butadiene 2-Chloroethyivinylether	NS NS	ND(0.0056) ND(0.0056)	NS	ND(0.028) ND(0.028)	NS	ND(0.0073) ND(0.0073)
2-Choroethyminylether 2-Hexanone	NS	ND(0.0056)	NS	ND(0.028) ND(0.057)	NS NS	ND(0.0073) ND(0.015) J
3-Chloropropene	NS	ND(0.0056)	NS	ND(0.037)	NS	ND(0.0073)
4-Methyl-2-pentanone	NS	ND(0.011)	NS	ND(0.057)	NS	ND(0.015)
Acetone	NS	ND(0.022)	NS NS	0.084	NS	ND(0.029)
Acetonitrile	NS	ND(0.11)	NS	ND(0.57)	NS	ND(0.15)
Acrolein	NS	ND(0.11) J	NS	ND(0.57) J	NS	ND(0.15) J
Acrylonitrile	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Benzene	NS	ND(0.00560)	NS	0.170	NS	ND(0.00730)
Bromodichloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Bromoform	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
Bromomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Carbon Disulfide	NS	NO(0.0056)	NS	NO(0.028)	NS	ND(0.0073)
Carbon Tetrachioride	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chlorobenzene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chloroethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
Chloroform	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Chloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073) J
cis-1,3-Dichloropropene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dibromochloromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dibromomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Dichlorodifluoromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Ethyl Methacrylate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Ethylbenzene	NS	ND(0.00560)	NS	8.30	NS	ND(0.00730)
lodomethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Isobutanol	NS	ND(0 11)	NS	ND(0.57)	NS	ND(0.15) J
Methacrylonitrile	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Methyl Methacrylate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Methylene Chloride	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Propionitrite	NS	ND(0.011)	NS	ND(0.028)	NS	ND(0.015)
Styrene	NS	ND(0.00560)	NS	ND(0.0280)	NS	ND(0.00730)
Tetrachloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Toluene	NS	ND(0.00560)	NS	0.180	NS	ND(0.00730)
Irans-1.2-Dichloroethene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
trans-1,3-Dichloropropene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Irans-1,4-Dicnloro-2-butene	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Trichloroethene	NS	ND(0.0056)	NS	ND(0.628)	NS	ND(0.0073)
Trichiorofluoromethane	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Vinyl Acetate	NS	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Vinyl Chloride	<u>NS</u>	ND(0.0056)	NS	ND(0.028)	NS	ND(0.0073)
Xylenes (totat)	NS	ND(0.0056)	NS	8.6	NS	ND(0.0073)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Samplo Depth/Feath	4B RAA4-E29 1-6	4B RAA4-E31 0-1	4B RAA4-E31 1-6	4B RAA4-E31 4-6	4B RAA4-E31 6-15	4B RAA4-E35 0-1
Sample Depth(Feet): Parameter Date Collected:	05/21/02	04/24/02	04/24/02	4-5 04/24/02	04/24/02	05/17/02
Semivolatile Organics	downow 1	UNLADI	GWEWGE	DHLWDL	UNLINUL	00111102
1.2.4.5-Tetrachlorobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
1,2,4,5-1 etrachiorobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	0,110 J
1,2-Dichlorobenzene	NS	ND(0.370)	ND(0.380)	NS NS	NS	ND(0 490)
1,2-Diphenylhydrazine	NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
1,3.5-Tinnitrobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
I.3-Dichlorobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
I,3-Dinitrobenzene	NŚ	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
4-Dichlorobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Naphthoguinone	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
-Naphthylamine	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
3,4,6-Tetrachlorophenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4,5-Trichlorophenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4,6-Trichlorophenal	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Dichlorophenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4-Dimethyiphenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,4-Dinitrophenol	NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
2,4-Dinitrotoluene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
t,6-Dichlorophenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2,6-Dinitrotoluene	NS	ND(0.37) J	ND(0.38) J	NS	NS	ND(0.490)
-Acetylaminofluorene	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
-Chioronaphthalene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Chlorophenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
2-Methylnaphthalene	NS	0.310 J	26.0	NS	NS	0.220 J
-Methylphenol	NS	ND(0.370)	NO(0.380)	NS	NS	ND(0.490)
2-Naphthylamine	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
-Nitroaniline	NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
Nitrophenol	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980
2-Picoline	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
8&4-Methylphenol	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
3,3'-Dichlorobenzidine	NS NS	ND(0.750) ND(0.370)	ND(0.760) ND(0.380)	NS NS	NS NS	ND(0.98) J ND(0.490)
3,3'-Dimethylbenzidine 3-Methylcholanthrene	NS NS	ND(0.750)	ND(0.760)	NS NS	NS	ND(0.490)
Metnyicholantifrene 3-Nitroaniline	NS NS	ND(1.90)	ND(0.760) ND(1.90)	NS NS	NS NS	ND(0.960)
-No canille .6-Dinitro-2-methylphenol	NS	ND(0.370)	ND(0.380)	NS NS	NS	ND(2.50)
-Aminobiphenyl	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
i-Bromophenyl-phenylether	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
i-Chioro-3-Methylphenol	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Chloroaniline	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
4-Chlorobenzilate	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
I-Chiorophenyl-phenylether	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
I-Nitroaniline	NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
-Nitrophenol	NS	ND(1.90)	ND(1,90)	NS	NS	ND(2.50)
I-Nitroquinoline-1-oxide	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
E-Phenylenediamine	NS	ND(0.75) J	ND(0.76) J	NS	NS	ND(0.98)
5-Nitro-o-toluidine	NŜ	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
12-Dimethylbenz(a)anthracene	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
a,a'-Dimethylphenethylamine	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Acenaphthene	NS	ND(0.370)	13.0	NS	NS	0.170 J
Acenaphthylene	NS	1.10	7.20	NS	NS	1.10
Acelophenone	NS	0.180 J	ND(0.380)	NS	NS	ND(0.490)
Aniline	NS	0.130 J	ND(0.380)	NS	NS	0.780
Nnthracene	NS	0.480	8.90	NS	NS	0.920
Vamile	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0 980)
Senzidine	NS	ND(0.75)	ND(0.76)	NS	NS	ND(0.98) J
ienzo(a)anthracene	NS	2.00	12.0	NS	NS	2.00
Benzola)pyrene	NS	2.60	19.0	NS	NS	2.10
Benzo(b)liuoranthene	NS	1 80	5.60	NS	NS	2.10
Benza(g.h.i)perylene	NS	2.60	7.30	NS	NS	2.10
Benzo(k)fluoranthene	NS	1.90	560	NS	NS	1.50
Senzyi Alcohot	NS	ND(0.750)	ND(0.760)	NS	NS	L (56.0) UN
ois(2-Chloroethoxy)methane	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
bis(2-Chloroethyl)ether	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
bis(2-Chloroisopropyl)ether	NS	ND(0.370)) ND(0.380)	NS	NS	ND(0.490)

V\\GE_Pinsfield_CD_ESA_2_South_ConfidentialNotes and Data\PDI DATA8 xis Table B-1 (A) Page 66 of 197

Averaging Area:	4B	48	48	48	4B	4B
Sample ID:	RAA4+E29	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E31	RAA4-E35
Sample Depth(Feet):	1~6	0-1	1-6	4-6	6-15	0-1
Parameter Date Collected:	05/21/02	04/24/02	04/24/02	04/24/02	04/24/02	05/17/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.480)
Butylbenzylphthalate	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Chrysene	NS	1.90	12.0	NS	NS	2.00
Diallate	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Dibenzo(a,h)anthracene	NS	0.750	2.50	NS	NS	0.420 J
Dibenzofuran	NS	ND(0.370)	0.750	NS	NS	0.150 J
Diethylphthalate	NS	NÜ(0.370)	ND(0.380)	NS	NS	ND(0.490)
Dimethylphthalate	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Di-n-Butylphthalate	NS	0.150 J	ND(0.380)	NS	NŚ	0.680
Di-n-Octylphthalate	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Diphenylamine	NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Ethyl Methanesulfonate	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Fluoranthene	NS	2.00	18.0	NS	NS	3.50
Fluorene	NS	0.240 J	7.60	NS	NS	0.290 J
Hexachlorobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorobutadiene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorocyclopentadiene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachloroethane	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Hexachlorophene	NS	ND(0.75)	ND(0.76)	NS	NS	ND(0.98)
Hexachloropropene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
indeno(1,2,3-cd)pyrene	NS	2.20	6.30	NS	NS	1.80
Isodrin	NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Isophorone	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Isosafrole	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Methapyrilene	NS	ND(0.760)	ND(0.760)	NS	NS	ND(0.980)
Methyl Methanesulfonate	NS	ND(0.370)	ND(0.380)	NŞ	NS	ND(0.490)
Naphthalene	NS	0.560	51.0	NS	NS	0.510
Nitrobenzene	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodiethylamine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodimethylamine	N\$	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitroso-di-n-butylamine	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
N-Nitroso-di-n-propylamine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosodiphenylamine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosomethylethylamine	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
N-Nitrosomorpholine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
N-Nitrosopiperidine	NŜ	ND(0.370)	ND(0.380)	NS	NŞ	ND(0.490)
N-Nitrosopyrrolidine	NS	ND(0.750)	ND(0.760)	NŚ	NS	ND(0.980)
o.o.o-Triethylphosphorothioate	NS	ND(0,37)	ND(0.38)	NS	NS	ND(0.49)
o-Toluidine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
p-Dimethylaminoazobenzene	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Pentachlorobenzene	N\$	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Pentachloroethane	NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)
Pentachioronitrobenzene	NS	ND(0.750)	ND(0,760)	NS	NS	ND(0.980)
Pentachlorophenol	NS	ND(1.90)	ND(1.90)	NS	NS	ND(2.50)
Phenacetin	NS	ND(0.750)	ND(0.760)	NS	NS	ND(0.980)
Phenanthrene	NS	1.50	26.0	NŚ	NS	2.50
Phenoi	NS	0.110 J	ND(0.380)	NS	NS	0.510
Pronamide	NS	ND(0.370)	ND(0.380)	NS	NŜ	ND(0.490)
Pyrene	NS	3.80	57.0	NS	NS	3.40
Pyridine	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Satroie	NS	ND(0.370)	ND(0.380)	NS	NS	ND(0.490)
Thionazin	NS	ND(0.37)	ND(0.38)	NS	NS	ND(0.49)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-E29 1-6 05/21/02	4B RAA4-E31 0-1 04/24/02	4B RAA4-E31 1-6 04/24/02	48 RAA4-E31 4-6 04/24/02	4B RAA4-E31 6-15 04/24/02	4B RAA4-E35 0-1 05/17/02
Furans							
2.3.7.8-TCDF		0.00029	0.000064 Y	0.000027 Y	NS	0.000021 Y	0 0037
TCDFs (total)		0.0028 Q	0.00055	0.00625	NS	0.00025	0.018
1.2.3.7.8-Pe0	/	0.00011	0.000023	0.0000052	NS	0.0000073 J	0.0026
2.3.4.7.8-Pe0		0.00027	0.000021	0.0000079	NS	ND(0.000085) XJ	0.0042
PeCDFs (tota	4))	0.0031 Q	0.00047	0.00012	NS	0.000089 QJ	0.028
1,2,3,4,7,8-H		0.00034	0.000038	0.000017	NS	ND(0.0000071)	0.0018
1.2.3.6.7.8-H	XCDF	0.00012	0.000019	0.0000060	NS	NO(0.000045) X	0.0012
1,2,3,7,8,9-H	XCDF	0.000060	ND(0.0000087) X	0.000058 B	NS	ND(0.0000088)	0.00041
2,3,4,6,7,8-H	xCDF	0.00020	0.000021	0.0000074	NS	ND(0.0000069) J	0.0019
HxCDFs (tota		0.0030	0.00041	0.00016	NS	0.000051 J	0.018
1,2,3,4,6,7,8		0.00051	0.000048	0.000026	NS	ND(0.000047) X	0.0016
1,2,3,4,7,8,9	-HpCDF	0.00018	0.0000060	ND(0.0000016)	NS	ND(0.000013) J	0.00026
HpCDFs (tota	ai)	0.0013	0.00010	0.000047	NS	0.000072 J	0.0034
OCDF		0.00076	0.000040	0.000034	NS	ND(0.000083) X	0.00046
Dioxins		*******					
2,3,7,8-TCDL	C	0.000012	ND(0.00000053) X	ND(0.00000040)	NS	ND(0.0000030)	0.000021
TCDDs (total		0.000089	0.000022	0.0000056	NS	0.0000048	0.000097
1.2.3.7.8-Pe		ND(0.000025) X	ND(0.0000023) X	ND(0.00000060)	NS	ND(0.0000033) X	0.000039 J
PeCDDs (tot		0.00016	0.0000096	ND(0.0000017) X	NS	0.000089 Q	0.00019
1,2,3,4,7,8-H	the second s	0.000022 J	0.0000021 JB	ND(0.0000011)	NS	ND(0.000010)	0.000024 J
1.2.3.6.7.8-H	IxCDD	0.000037 J	0.0000049 J	ND(0.0000812)	NS	ND(0 000011)	0.000032 J
1,2,3,7,8,9-H	IXCOD	0.000030 J	0.0000050 J	0.0000024 JB	NS	ND(0.000011)	0.000014 J
HxCDDs (tot	ai}	0.00048	0.000081	0.000915	NS	ND(0.000036) X	0.00023
1,2,3,46,78	-HpCDD	0.00023	0.000051	0.000018	NS	0.000019	0.00025
HpCDDs (tot	al)	0.00046	0.00010	0.000036	NS	0.000044	0.00049
		0.00092	0.00013	0.000057	NS	ND(0.000087) XJ	0.0016
Total TEQs (WHO TEFs)	0.00028	0.000030	0.000012	NS	0.000013	0.0032
Inorganics							
Antimony	1	NS	ND(6.00)	ND(6.00)	NS	NS	1.50 B
Arsenic		NS	11.0	6.10	NS	NS	6.90
Barium		NS	33.0	26.0	NS	NS	42.0
Beryllium		NS	ND(0.500)	ND(0.500)	NS	NS	ND(0.500)
Cadmium		NS	0.620	ND(0.500)	NŚ	NS	ND(0.500)
Chromium		NS	7.90	8.20	NŞ	NS	14.0
Cobalt		NŜ	5.30	6.80	NS	NS	8.50
Copper		NS	46.0	15.0	NS	NS	80.0
Cyanide		NS	1.60	1.00	NS	NS	4.80
Lead		NS	74.0 J	16.0 J	NS	NS	72.0
Mercury		NS	0.250	ND(0.110)	NS	NS	1.10
Nickel		NS	11.0	12.0	NS	NS	18.0
Selenium	,	NS	0.510 J	ND(1.00) J	NS	NS	ND(1.10)
Silver		NS	ND(1.00)	ND(1.00)	NS	NS	ND(1.10)
Sulfide		NS	23.0	68.0	NS	NS	42.0
Thallium		NS	ND(1.10) J	ND(1.10) J	NS	NS	ND(1.50) J
Tip		NS	ND(10.0)	ND(4.00)	NS	NS	33.0
Vanadium		NŜ	11.0	8.50	NS	NS	15.0
Zinc		NS	51.0	53.0	NS	NS	95.0

.

	Averaging Area:	4B	48	48	48	4B
	Sample ID: Sample Depth(Feet):	RAA4-E35	RAA4-E35	RAA4-E36	RAA4-F19	RAA4-F19
Parameter	Date Collected:	6-15 05/17/02	10-12 05/17/02	0-1 04/23/02	0-1 06/18/02	1-6 06/18/02
		05/17/02	05/17/02	04/25/02	06/18/02	00/10/02
Volatile Orga		210	1010.0070		NA	10
	chloroethane	NS	ND(0.0073)	ND(0.0055)	NS	NS
1, 1, 1-Trichior		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,1,2,2-Tetra		NS	ND(0.0073)	ND(0.0055)	NS	NS
1.1.2-Trichlor 1.1-Dichtoroe		NS	ND(0.0073)	ND(0.0055)	NS	NS
1.1-Dichloroe		NS NS	ND(0.0073) ND(0.0073)	ND(0.0055)	NS	NS
1,2,3 Trichlor		NS NS	ND(0.0073)	ND(0.0055) ND(0.0055)	NS NS	NS NS
	3-chioropropane	NS NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dibromoe		NS	ND(0.0073)	ND(0.0055)	NS NS	NS NS
1.2-Dichloroe		NS	ND(0.0073)	ND(0.0055)	NS	NS
1,2-Dichlorop		NS	ND(0.0073)	ND(0.0055)	NS	NS NS
1,4-Dioxane		NS	ND(0.14) J	ND(0.11) J	NS	NS
2-Butanone		NS	NO(0.014)	ND(0.011)	NS	NS
2-Chloro-1.3-	buladiene	NS	ND(0.0073)	ND(0.0055)	NS	NS
2-Chloroethyl		NS	ND(0.0073)	ND(0.0055)	NS	NS
2-Hexanone	···· • •	NS	ND(0.014) J	ND(0.011) J	NS	NS
3-Chioroprop	ene	NS	ND(0.0073)	ND(0.0055)	NS	NS
4-Methyl-2-pe		NS	ND(0.014)	ND(0.011)	NS	NS
Acetone		NS	ND(0.029)	ND(0.022)	NŠ	NS
Acetonitrile		NS	ND(0.14)	ND(0.11) J	NS	NS
Acrolein		NS	ND(0.14) J	ND(0.11) J	NS	NS
Acrylonitrile		NS	ND(0.0073)	ND(0.0055)	NS	NS
Benzene		NS	ND(0.00730)	ND(0.00550)	NS	NS
Bromodichlor	omethane	NS	ND(0.0073)	ND(0.0055)	NS	NS
Bromotorm		NS	ND(0.0073) J	ND(0.0055)	NŚ	NS
Bromometha	ne	NS	ND(0.0073)	ND(0.0055)	NS	NIS
Carbon Disul		NS	ND(0.0073)	ND(0.0055)	NS	NS
Carbon Tetra		NS	ND(0.0073)	ND(0.0055)	NS	NS
Chlorobenzer	wine a rear a rear and the second sec	NS	0.0075	ND(0.0055)	NS	NS
Chloroethane		NS	ND(0.0073) J	ND(0.0055)	NS	NS
Chloroform		NS	ND(0.0073)	ND(0.0055)	NS	NS
Chlorometha		NS	ND(0.0073) J	ND(0.0055)	NS	NS
cis-1,3-Dichle		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dibromochlor		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dibromometh		NS	ND(0.0073)	ND(0.0055)	NS	NS
Dichlorodifluc		NS	ND(0.0073)	ND(0.0055)	NS	NS
Ethyl Methac		NS	ND(0.0073)	ND(0.0055)	NS	NS
Ethylbenzene		NS NS	ND(0.00730)	ND(0.00550)	NS	NS
odomethane sobutanol		NS	ND(0.0073)	ND(0.0055)	NS	NS
isoputanoi Methacrvlonit	rito	NS NS	ND(0.14) J	ND(0.11) J	NS	NS
Methyl Metha		NS NS	ND(0.0073)	ND(0.0055)	NS	NS
Methylene Ch		NS	ND(0.0073) ND(0.0073)	ND(0.0055) ND(0.0055)	NS	NS NC
Propionitrile		NS	ND(0.0073) ND(0.014)	ND(0.011)	NS NS	NS
Styrene	·····	NS	ND(0.00730)	ND(0.00550)	NS NS	NS NS
Tetrachloroet	hene	NS	ND(0.0073)	ND(0.0055)	NS	**************************************
Foluene		NS	ND(0.00730)	ND(0.00550)	NS NS	NS NS
rans-1,2-Dict	hiorcethene	NS	ND(0.0073)	ND(0.0055)	NS	NS NS
	nioropropene	NS	ND(0.0073)	ND(0.0055)	NS	NS
rans-14-Dicl	hioro-2-butene	NS	ND(0.0073)	ND(0.0055)	NS	NS NS
frichloroethe		NS	ND(0.0073)	ND(0.0055)	NS NS	NS
Trichlorofluor		NS	ND(0.0073)	ND(0.0055)	NS NS	NS NS
Vinyi Acetate		NS	ND(0.0073)	ND(0.0055) J	NS	NS NS
Vinyl Chloride		NS	ND(0.0073)	ND(0.0055)	NS	NS NS
Xylenes (total		NS	ND(0.0073)	ND(0.0055)	NS	NS NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-E35 6-15	4B RAA4-E35 10-12	4B RAA4-E36 0-1	48 RAA4-F19 0-1	4B RAA4-F19 1-6
Parameter Date Collected:	05/17/02	05/17/02	04/23/02	06/18/02	06/18/02
Semivolatile Organics	C PAG 14				
1,2,4,5-Tetrachlorobenzene	ND(0.480)	NŜ	ND(0.480)	NS	NS
1,2,4-Trichiorobenzene	ND(0.480)	NS	ND(0.480)	NS	NS
1,2-Dichlorcbenzene	ND(0.480)	NS	ND(0.480)	NS	NS
1,2-Diphenylhydrazine	ND(0.48)	NS	ND(0.48)	NS	NS
1.3.5-Trinitrobenzene	ND(0.480)	NS	ND(0.480)	NS	NS
1,3-Dichlorobenzene	ND(0.480)	NS	ND(0.480)	NS	NS
1,3-Dinitrobenzenc	ND(0.970)	NS	ND(0.740)	NS	NS
1,4-Dichlorobenzene	0.120 J	NS	ND(0.480)	NS	NS
1,4-Naphthoquinone	ND(0.970)	NS	ND(0.740)	NS	NS
I-Naphthylamine	ND(0.970)	NS NS	ND(0.740)	NS	NS
2,3,4,6-Tetrachiorophenol	ND(0.480)		ND(0.480)	NS	NS
2,4,5-Trichlorophenol	ND(0.480)	NS	ND(0.480)	NS	NS NS
2,4,6-Trichiorophenol	ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dichlorophenol	ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dimethylphenol	ND(0.480)	NS	ND(0.480)	NS	NS
2,4-Dinitrophenol	ND(2.50)	NS	ND(2.40)	NS	NS
2,4-Dinitrotoluene	ND(0.480)	NS	ND(0.480)	NS	NS
2,6-Dichlorophenol	ND(0.480)	NS	ND(0.480)	NS	NS
2,6-Dinitrotoluene	ND(0.480)	NS	ND(0.480)	NS	NS
2-Acetylaminofluorene	ND(0.970)	NS	ND(0.740)	NS	NS NS
2-Chloronaphthalene	ND(0.480)	NS	ND(0.480)	NS	NS
2-Chlorophenol	ND(0.480)	NS	ND(0.480)	NS	NS
2-Methylnaphthalene	ND(0.480)	NS	0.150 J	NS	NS
2-Methylphenol	ND(0.480)	NS	ND(0.480)	NS	NS
2-Naphthylamine	ND(0.970)	NS	ND(0.740)	NS	NS
2-Nitroaniline	ND(2.50)	NS	ND(2.40)	NS	<u>NS</u>
2-Nitrophenol	ND(0.970)	NS	ND(0.740)	NS NS	NS
2-Picoline	ND(0.480)	NS	ND(0.480)	NS	NS
3&4-Methylphenol	ND(0.970)	NS	ND(0.740)	NS	NS
3,3'-Dichlorobenzidine	ND(0.97) J	NS	ND(0.960)	NS	NS
3,3'-Dimethylbenzidine	ND(0.480)	NS	ND(0.480)	NS	NS
3-Methylcholanthrene	ND(0.970)	NS	ND(0.740)	NS	NS
3-Nitroaniline	ND(2.50)	NS	ND(2.40)	NS	NŚ
4,6-Dinitro-2-methylphenol	ND(0.480)	NS	ND(0.480)	NS	NS
4-Aminobiphenyl	ND(0.970)	NS	ND(0.740)	NS	NS
1-Bromophenyl-phenylether	ND(0.480)	NS	ND(0.480)	NS	NS
4-Chioro-3-Methylphenol	ND(0.480)	NS	ND(0,480)	NS	NS
-Chloroaniline	ND(0.480)	NS	ND(0.480)	NS	NS
4-Chlorobenzilate	ND(0.970)	NS	ND(0.740)	NS	NS
-Chlorophenyl-phanylether	ND(0.480)	NS	ND(0.480)	NS	NS
1-Nitroaniline	ND(2.50)	NS	ND(1.90)	NS	NS
4-Nitrophenol	ND(2.50)	NS	ND(2.40)	NS	NS
+-Nitroquinoline-1-oxide	ND(0.970)	NS	ND(0.740)	NS	NS
I-Phenylenediamine	ND(0.97) J	NS	ND(0.74) J	NS	NS
δ-Nitro-o-toluidine	ND(0.970)	NS	ND(0.740)	NS	NS NS
7,12-Dimethylbenz(a)anthracene	ND(0.970)	NS	ND(0.740)	NS	NS
a,a'-Dimethylphenethylamine	ND(0.970)	NS	ND(0.740)	NS	NS
Acenaphthene	0.180 J	NS	ND(0.480)	NS	NS
Acenaphthylene	0.250 J	NS	0.690	NS	NS
Acetophenoné	ND(0.480)	NS	0.210 J	NS	NS
Vailine	ND(0.480)	NS	0.700	NS	NS
Inthracene	ND(0.480)	NS	0,410 J	NS	NS
Vramite	ND(0.970)	NS	ND(0.740)	NS	NS
Benzidine	ND(0.97) J	NS	ND(0.96)	NS	NS
Benzo(a)anthracane	0.570	NS	1.60	NS	NS
Benzo(a)pyrene	0.640	NS	1.40	NS	NS
Senzo(b)fluoranthene	0.510	NS	1 40	NS	NS
Benzo(g,h,i)perylene	0.460 J	NS	1.50	NS	NS
Benzo(k)fluoranthene	0.440 J	NS	1.20	NS	NS
Benzyl Alcohol	ND(0.97) J	NS	ND(0.960)	NS	NS
sis(2-Chioroethoxy)methane	ND(0.480)	NS	NO(0.480)	NS	NS
is(2-Chlorcethyl)ether	ND(0.480)	NS	ND(0.480)	NS	NS
ois(2-Chioroisopropyl)ether	ND(0.480)	NS	ND(0.480)	NS	NS

V.IGE_Pittsfield_CD_ESA_2_South_Confidential/Notes and Data/PDI DATA8.xis Table B-1 (A) Page 70 of 197

	ing Area: 4B ample ID: RAA4-E35	4B RAA4-E35	4B RAA4-E36	4B RAA4-F19	4B RAA4-F19
Sample Dep	• •	10-12	0-1	0-1	1-6
	ollected: 05/17/02	05/17/02	04/23/02	06/18/02	06/18/02
Semivolatile Organics (co	ntinued)				
xis(2-Elhylhexyl)phthalate	ND(0.480)	NS	ND(0.360)	NS	NS
Butylbenzylphthalafe	ND(0.480)	NS	ND(0.480)	NS	NS
Chrysene	0.620	NS	1.60	NS	NS
Diallate	ND(0.970)	NS	ND(0.740)	NS	NS
Dibenzo(a,h)anthracene	ND(0.480)	NS	0.430 J	NS	NS
Dibenzofuran	ND(0.480)	NS	ND(0.480)	NS	NS
Diethylphthalate	ND(0.480)	NS	ND(0.480)	NS	NS
Dimethylphthalate	ND(0.480)	NS	ND(0.480)	NS	NS
Di-n-Butylphthalate	ND(0.480)	NS	0.360 J	NS	NS
Di-n-Octylphthalate	ND(0.480)	NS	ND(0.480)	NS	NS
Diphenylamine	ND(0.48)	NS	ND(0.48)	NS	NS
Ethyl Methanesulfonate	ND(0.480)	NS	ND(0.480)	NS	NS
luoranthene	0.990	NS	2.50	NS	NS
Fluorene	0.150 J	NS	0.120 J	NS	NS
Hexachiorobenzene	ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorobutadiene	ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorocyclopentadiene		NS	ND(0.480)	NS	NS
Hexachloroethane	ND(0.480)	NS	ND(0.480)	NS	NS
Hexachlorophene	ND(0.97)	NS	ND(0.96)	NS	NS
Hexachloropropene	ND(0.480)	NS	ND(0,480)	NS	NS
ndeno(1,2,3-cd)pyrene	0.330 J	NS	1.20	NS	NS
sodrin	ND(0.48)	NS	ND(0.48)	NS	NS
Isophorone	ND(0.480)	NS	ND(0.480)	NS	NS
Isosafroie	ND(0.970)	NS	ND(0.740)	NS	NS
Methapyrilene	ND(0.970)	NS	ND(0.740)	NS	NS NS
Methyl Methanesulfonate	ND(0.480)	NS NS	ND(0.480)	NS	NS NS
Naphthalene	0.110 J	NS NS	0.330 J	NS	NS NS
	ND(0.480)	NS NS			Contraction of the second second second
Nitrobenzene			ND(0.480)	NS	NS
N-Nitrosodiethylamine	ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosodimethylamine	ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitroso-di-n-butylamine	ND(0.970)	NS	ND(0.740)	NS	NS
N-Nitroso-di-n-propylamine		NS	ND(0.480)	NS	NS
N-Nitrosodiphenylamine	ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosomethylethylamine		NS	ND(0.740)	NS	NS
N-Nitrosomorpholine	ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosopiperidine	ND(0.480)	NS	ND(0.480)	NS	NS
N-Nitrosopyrrolidine	ND(0.970)	NS	ND(0.740)	NS	NS
o,o,o-Triethylphosphorathia	ate ND(0.48)	NS	ND(0.48)	NS	NS
o-Toluidine	ND(0.480)	NS	ND(0.480)	NS	NS
p-Dimethylaminoazobenzer		NS	ND(0.740)	NS	NS
Pentachlorobenzene	ND(0.480)	NS	ND(0.480)	NS	NS
Pentachloroethane	ND(0.48)	NS	ND(0.48)	NŚ	NS
Pentachloronitrobenzene	ND(0.970)	NS	ND(0.740)	NS	NS
Pentachiorophenol	ND(2.50)	NS	ND(2.40)	NS	NS
Phenacetin	ND(0.970)	NŞ	ND(0.740)	NS	NS
Phenanthrene	0.520	NS	1.20	NS	NS
Phenol	ND(0.480)	NS	0.410 J	NS	NS
Pronamide	ND(0.480)	NS	ND(0.480)	NS	NS
Pyrene	0.950	NS	2.80	NS	NS
Pyridine	ND(0.480)	NS	ND(0.480)	NS	NS
Safrole	ND(0.480)	NS	ND(0.480)	NS	NS
Thionazia	ND(0.48)	NS	ND(0.48)	NS	NS NS

Parameter Furans 2,3,7,8-TCDF		6-15	RAA4-E35 10-12	RAA4-E36 0-1	RAA4-F19 0-1	RAA4-F19 1-6
2,3,7,8-TCDF	Date Collected:	05/17/02	05/17/02	04/23/02	06/18/02	06/18/02
		NS	NS	0.000069 Y	0.0000077 Y	0.00015 Y
TCDFs (total)		NS	NS	0.0019 EJ	0.000080 (0.0014 QI
1,2,3,7,8-PeCI	DF	NS	NS	0.000039	0.0000050	0.000056 Q
2,3,4,7,8-PeCt	DF	NS	NS	0.00011	0.000028	0.00032
PeCDFs (total)	NS	NS	0.017 EJ	0.00044 Qi	0.0065 OI
1.2.3.4,7.8-Hx	CDF	NS	NS	0.00022	0.000021	0.00014
1,2,3,6,7,8-Hx	CDF	NS	NS	0.00050	0.000015	0.00016
1,2,3,7,8,9-Hx	CDF	NS	NS	ND(0.00038) X	0.0000038	0.000034
2,3,4,6,7,8-Hx	CDF	NS	NS	0.0011	0.000041	0.00055
HxCDPs (total))	NS	NS	0.016 EJ	0.000601	0.0075
1,2,3,4,6,7,8-	HpCDF	NS	NS	0.0016	0.000034	0.00046
1,2,3,4,7.8,9-1	lpCDF	NS	NS	0.000058	0.0000059 J	0.000052 J
HpCDFs (total)	NS	NS	0.0034	0.00011	0.0012
OCDF		NS	NS	0.00022	0.000018	0.00016
Dioxins					<u>.</u>	<u>.</u>
2.3.7.8-TCDD		NS	NS	0.0000017 B	ND(0.00000012)	0.0000095
TCDDs (total)		NS	NS	0.000017 Q	0.00000046	0.000022 Q
1,2,3,7,8-PeCI	00	NS	NS	0.0000088	0.00000058 J	0.0000057
PeCDDs (total		NS	NS	0.000037	0.0000033	0.000050 Q
1,2,3,4,7,8-Hx	formation and a second s	NS	NS	0.000015	0.00000062 J	0.0000072
1,2,3,6,7,8-Hx		NS	NS	0.000014	0.00000082 J	0.0000078
1,2,3,7,8,9-Hx		NS	NS	0.000012	0.00000064 J	0.0000063
HxCDDs (total		NS	NS	0.00019	0.0000090	0.00011
1,2,3,4,5,7,8-	hoCDD	NS	NS	0.00017	0.0000062	0.000053
HpCDDs (total	0 To A 1997 A TO AT THE F WAS A COMPANY AND A 1978 A TO AT A 1978	NS	NS	0.00034	0.000013	0.00011
OCDD	<u> </u>	NS	NS	0.00062 J	0.000028	0.00022
Total TEQs (M	/HO TEFs)	NS	NS	0.00030	0.000024	0.00022
Inorganics				0.00000	0.000021	0.0002(1
Antimony		NS Ì	NS	ND(6.00)	NS	NS
Arsenic		NS	NS	11.0	NS	NS NS
Barium		NS	NS	41.0	NS	NS
Beryllium		NS	NS	ND(0.500)	NS	NS NS
Cadmium		NS	NS	1.20	NS	NS
Chromium		NS	NS	39.0	NS	NS
Cobalt		NS	NS	16.0	NS	NS
Copper		NS	NS	95.0	NS	NS NS
Cyanide		NS	NS NS	1.50	NS I	NS
Lead		NS	NS NS	65.0	NS	NS
Mercury		NS	NS	0.340	NS NS	NS
Nickel		NS	NS	29.0	NS NS	NS
Selenium		NS	NS	1.30	NS NS	NS NS
Silver	+	NS	NS	ND(1.00)	NS NS	NS
Sulfide		NS	NS	55.0	NS NS	
Thailium		NS	NS NS	ND(1.10) J	NS NS	NS
Tin		NS I	NS			NS
Vanadium		NS	NS	ND(10.0)	NS	NS
Zinc		NS I	NS NS	16.0 130	NS NS	NS NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area:	4B	4B	4B	
Sample ID:		RAA4-F21	RAA4-F21	RAA4-F23	
Baramatar	Sample Depth(Feet): Date Collected:	0+1	6-15	1-6	
Parameter Date Collected: /olatile Organics		06/04/02	06/04/02	06/04/02	
1.1.1.2-Tetrac		ND(0.0053) [ND(0.0053)]	NS	NIC	
1,1,1-Trichlord	······	ND(0.0053) [ND(0.0053)] ND(0.0053) [ND(0.0053)]	NS NS	NS	
1,1,2,2-Tetrac				NS	
1.1.2-Trichlore		ND(0.0053) (ND(0.0053)]	NS	NS	
		ND(0.0053) [ND(0.0053)]	NS	NS	
1,1-Dichloroet		ND(0.0053) [ND(0.0053)]	NS	NS	
1,1-Dichioroet		ND(0.0053) [ND(0.0053)]	NS	NS	
1,2,3-Trichlor		ND(0.0053) [ND(0.0053)]	NS	NS	
	3-chioropropane	ND(0.0053) [ND(0.0053)]	NS	NS	
1,2-Dibromoel		ND(0.0053) [ND(0.0053)]	NS	NS	
1,2-Dichloroet		ND(0.0053) [ND(0.0053)]	NS	NS	
1,2-Dichloropr	ropane	ND(0.0053) [ND(0.0053)]	NS	NS	
1.4-Dioxane		ND(0.11) J [ND(0.11) J]	NS	NS	
2-Butanone		ND(0.011) [ND(0.011)]	NS	NS	
2-Chiora-1,3-b		ND(0.0053) [ND(0.0053)]	NS	NS	
2-Chloroethyk	vinylether	ND(0.0053) [ND(0.0053)]	NS	NS	
2-Hexanone		ND(0.011) [ND(0.011)]	NS	NS	
3-Chloroprope		ND(0.0053) [ND(0.0053)]	NS	NS	
4-Methyl-2-pe	ntanone	ND(0.011) [ND(0.011)]	NS	NS	
Acetone		ND(0.021) [ND(0.021)]	NS	NS	
Acetonitrile		ND(0.11) J [ND(0.11) J]	NS	NS	
Acrolein		ND(0.11) J [ND(0.11) J]	NS	NS	
Acrylonitrile		ND(0.0053) [ND(0.0053)]	NS	NS	
Benzene		ND(0.00530) [ND(0.00530)]	NS	NS	
Bromodichloro	omethane	ND(0.0053) [ND(0.0053)]	NS	NS	
Bromoform		ND(0.0053) J [ND(0.0053) J]	NS	NS	
Bromomethan	19	ND(0.0053) [ND(0.0053)]	NS	NS	
Carbon Disulfi		ND(0.0053) [ND(0.0053)]	NS	NS	
Carbon Tetrac		ND(0.0053) [ND(0.0053)]	NS	NS	
Chlorobenzen		ND(0.0053) [ND(0.0053)]	NS	NS NS	
Chloroethane	and the second	ND(0.0053) J [ND(0.0053) J]	NS	NS	
Chloroform		ND(0.0053) [ND(0.0053)]	NS	NS	
Chloromethan		ND(0.0053) [ND(0.0053)]			
tis-1,3-Dichlor			NS	NS	
Dibromochloro		ND(0.0053) [ND(0.0053)]	NS	NS	
		ND(0.0053) [ND(0.0053)]	NS	NS	
Dibromometha		ND(0.0053) [ND(0.0053)]	NS	NS	
Dichlorodifluor		ND(0.0053) [ND(0.0053)]	NS	NS	
Ethyl Methacr	yiate	ND(0.0053) [ND(0.0053)]	NS	NS	
Ethylbenzene		ND(0.00530) [ND(0.00530)]	NS	NS	
odomethane		ND(0.0053) [ND(0.0053)]	NS	NS	
sobutanol		ND(0.11) [ND(0.11)]	NS	NS	
vlethacrylonitr		ND(0.0053) [ND(0.0053)]	NS	NS	
Methyl Methac		ND(0.0053) [ND(0.0053)]	NS	NS	
vlethylene Chl	loride	ND(0.0053) [ND(0.0053)]	NS	NS	
Propionitrile		ND(0.011) [ND(0.011)]	NS	NS	
Styrene		ND(0.00530) [ND(0.00530)]	NS	NS	
etrachloroeth	iène	ND(0.0053) [ND(0.0053)]	NS	NS	
foluene		ND(0.00530) [ND(0.00530)]	NS	NS	
rans-1,2-Dich	loroethene	ND(0.0053) [ND(0.0053)]	NS	NS	
rans-1,3-Dich		ND(0.0053) [ND(0.0053)]	NS	NS	
	loro-2-butene	ND(0.0053) [ND(0.0053)]	NS	NS	
Trichioroethen	where the second state of	ND(0.0053) [ND(0.0053)]	NS	NS	
Trichlorofluoro		ND(0.0053) [ND(0.0053)]	NS	NS	
/invl Acetate		ND(0.0053) [ND(0.0053)]	NS	NS	
Vinyl Chloride		ND(0.0053) [ND(0.0053)]	NS	NS NS	
Kylenes (total)		ND(0.0053) [ND(0.0053)]	NS	NS NS	

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Averaging Area: Sample ID: Sample Depth(Feet):	48 RAA4-F21 0-1	4B RAA4-F21 6-15	4B RAA4-F23 1-6	
Parameter Date Collected:	06/04/02	06/04/02	06/04/02	
Semivolatile Organics	······································		· · · · · · · · · · · · · · · · · · ·	
1,2,4,5-Tetrachlorobenzene	ND(0.350) [ND(0.360)]	NS	NS	
1,2,4-Trichlorobenzene	ND(0.350) [ND(0.350)]	NS	NS	
1,2-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS	
1.2-Diphenylhydrazine	ND(0.35) [ND(0.36)]	NS	NS	
1,3,5-Trinitrobenzene	ND(0.350) [ND(0.360)]	NS	NS	
1,3-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS	
1,3-Dinitrobenzene	ND(0.710) [ND(0.720)]	NS	NS	
1.4-Dichlorobenzene	ND(0.350) [ND(0.360)]	NS	NS	
1,4-Naphthoquinone	ND(0.710) [ND(0.720)]	NS	NS	
1-Naphthylamine	ND(0.710) [ND(0.720)]	NS	NS	
2,3,4,6-Tetrachlorophenol	ND(0.350) [ND(0.360)]	NS	NS	
2,4,5-Trichlorophenol	ND(0.350) [ND(0.360)]	NS	NS	
2,4,6-Trichlorophenol	ND(0.350) [ND(0.360)]	NS	NS	
2.4-Dichlorophenol	ND(0.350) [ND(0.360)]	NS	NS NS	
2.4-Dimethylphenol	ND(0.350) [ND(0.360)]	NS	NS	
2,4-Dinitrophenol	ND(1.80) [ND(1.80)]	NS	NS	
2,4-Dinitrotoluene	ND(0.350) [ND(0.360)]	NS	NS	
2,6-Dichlorophenol 2,6-Dinitrotoluene	ND(0.350) [ND(0.360)] ND(0.350) [ND(0.360)]	NS	NS	
2,5-Dinitrololuene 2-Acetylaminofluorene	ND(0.350) [ND(0.360)] ND(0.710) [ND(0.720)]	NS NS	NS NS	
2-Acetylaminoliuorene 2-Chloronaphthalene	ND(0.710) [ND(0.720)] ND(0.350) [ND(0.360)]	NS NS	NS NS	
2-Chiorophenol	ND(0.350) [ND(0.360)]	NS NS	NS	
2-Methylnaphthalene	ND(0.350) [ND(0.360)]	NS NS	NS NS	
2-Methylphenol	ND(0.350) [ND(0.360)]	NS	NS	
2-Naphthylamine	ND(0.710) [ND(0.720)]	NS NS	NS	
2-Naphenylamine	ND(1.80) [ND(1.80)]	NS	NS	
2-Nitrophenol	ND(0.710) [ND(0.720)]	NS	NS	
2-Picoline	ND(0.350) [ND(0.360)]	NS	NS	
3&4-Methylphenol	ND(0.710) [ND(0.720)]	NS	NS	
3.3'-Dichlorobenzidine	ND(0.71) J [ND(0.720)]	NS	NS	
3.3'-Dimethylbenzidine	ND(0.350) [ND(0.360)]	NS	NS	
3-Methylcholanthrene	ND(0.710) [ND(0.720)]	NS	NS	
3-Nitroaniline	ND(1.80) [ND(1.80)]	NS	NS	
4,6-Dinitro-2-methylphenol	ND(0.350) [ND(0.360)]	NS	NS	
4-Aminobiphenyl	ND(0.710) [ND(0.720)]	NS	NS	
4-Bromophenyl-phenylether	ND(0.350) [ND(0.360)]	NS	NS	
4-Chloro-3-Methylphenol	ND(0.350) [ND(0.360)]	NS	NS	
4-Chloroaniline	ND(0.350) [ND(0.360)]	NS	NS	
4-Chlorobenzilate	ND(0.710) [ND(0.720)]	NS	NS	
4-Chlorophenyl-phenylether	ND(0.350) [ND(0.360)]	NS	NS	
4-Nitroaniline	ND(1.80) [ND(1.80)]	NS	NS	
4-Nitrophenol	ND(1.80) [ND(1.80)]	NS	NS	
4-Nitroquinoline-1-oxide	ND(0.710) [ND(0.720)]	NS	NS	
4-Phenylenediamine	ND(0.71) J [ND(0.72) J]	NS	NS	
5-Nitro-o-toluidine	ND(0.710) [ND(0.720)]	NS	NS	
7.12-Dimethylbenz(a)anthracene	ND(0.710) [ND(0.720)]	NS	NS	
a,a'-Dimethylphenethylamine	ND(0.710) [ND(0.720)]	NS	NS	
Acenaphthene	ND(0.350) [ND(0.360)]	NS	NS	
Acenaphthylene	ND(0.350) [ND(0.360)]	NS	NS	
Acetophenone	ND(0.350) [ND(0.360)]	NS	NS	
	ND(0.350) [ND(0.360)]	NS	NS	
Anthraceno	0.190 J [ND(0.350)]	NS	NS	
Aramite	ND(0.710) [ND(0.720)]	NS	NS	
Bonzidine	ND(0.71) [ND(0.72)]	NS	NS NS	
Benzo(a)anthracene	1 0 J [0.24 J]	NS NS	NS	
Beezo(a)pyrene	0.88.3 (0.25.3)	NS	NS	
Benzo(b)fluoranthene	0.21 J [0.21 J]	NS	NS	
Benzo(g.h.i)perylenc	0 73 4 (0 20 4)	NS NS	NS	
Benzo(k)Ruoranthené	0.79 J (0.19 J]	NS NS	NS	
Benzyt Alcohoi	ND(0.710) [ND(0.72) J]	NS	<u>NS</u>	
bis(2-Chieroethoxy)methane	ND(0.350) [ND(0.360)] ND(0.350) [ND(0.360)]	NS	NS	
bis(2-Chiorosopropyl)ether	ND(0.350) [ND(0.360)]	NS NS	NS NS	

Averaging Area:	4B	4B	4B	
Sample ID:	RAA4-F21	RAA4-F21	RAA4-F23	
Sample Depth(Feet):	0~1	6-15	1-6	
Parameter Date Collected:	06/04/02	06/04/02	06/04/02	
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.350) [ND(0.350)]	NS	N\$	
Butyibenzylphthalate	ND(0.350) [ND(0.360)]	NS	NŚ	
Chrysene	0.90 J [0.22 J]	NS	NS	
Dialiate	ND(0.710) [ND(0.720)]	NS	NS .	
Dibenzo(a,b)anthracene	0.230 J [ND(0.360)]	Í NS	NS	
Dibenzofuran	ND(0.350) [ND(0.360)]	NS	NS	
Diethylphthalate	ND(0.350) [ND(0.360)]	NS	NS	
Dimethyiphthalate	ND(0.350) [0.260 J]	NŜ	NS	
Di-n-Butylphthalate	ND(0.350) [ND(0.360)]	NS	NS	
Di-n-Octylphthalale	ND(0.350) [ND(0.360)]	NS	NS	
Diphenylamine	ND(0.35) [ND(0.36)]	NS	NS	
Ethyl Methanesolfonate	ND(0.350) [ND(0.360)] 2.1 J [0.52 J]	NS NG	NS	
Fluorantnene	ND(0.350) [ND(0.360)]	NS NS	NS NS	
Hexachiorobenzene	ND(0.350) [ND(0.360)]	NS NS	NS	
Hexachlorobutadiene	ND(0.350) [ND(0.360)]	NS NS	NS NS	
Hexachiorocyclopentadiene	ND(0.350) [ND(0.360)]	NS	NS NS	
Hexachioroethane	ND(0.350) [ND(0.360)]	NS	NS	
Hexachiorophene	ND(0.71) [ND(0.72)]	NS	NS	
Hexachloropropene	ND(0.350) [ND(0.360)]	NS	NS	
Indeno(1,2,3-cd)pyrene	0.660 [0.170 J]	NS	NS	
Isodrin	ND(0.35) [ND(0.36)]	NS	NS	
Isophorone	ND(0.350) [ND(0.360)]	NS	NS	
Isosatrole	ND(0.710) [ND(0.720)]	NS	NS	
Methapyrilene	ND(0.710) [ND(0.720)]	NS	NS	
Methyl Methanesulfonate	ND(0.350) [ND(0.360)]	NS	NS	
Naphthalene	ND(0.350) [ND(0.360)]	NS	NS	
Nitrobenzene	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitrosodiethylamine	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitrosodimethylamine	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitroso-di-n-butylamine	ND(0.710) [ND(0.720)]	NS	NS	
N-Nitroso-di-n-propylamine	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitrosodiphenylamine	ND(0.350) (ND(0.360)]	NŚ	NS	
N-Nitrosomethylethylamine	ND(0.710) [ND(0.720)]	NS	NS	
N-Nitrosomorpholine	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitrosopiperidine	ND(0.350) [ND(0.360)]	NS	NS	
N-Nitrosopyrrolidine	ND(0.710) [ND(0.720)]	NS	NS	
o.o.o-Triethylphosphorothioate	ND(0.35) [ND(0.36)]	NS	NS	
o-Toluidine	ND(0.350) [ND(0.360)]	NS	NS	
p-Dimethylaminoazobenzene Pentachlorobenzene	ND(0 710) [ND(0.720)]	NS	NS	
and a second	ND(0.350) [ND(0.360)] ND(0.35) [ND(0.36)]	NS NS	NS NS	
Pentachloroethane Pentachloronitrobenzene		NS NS	NS NS	
Pentachlorophenol	ND(0.710) [ND(0.720)] ND(1.80) [ND(1.80)]	NS NS	NS NS	
Phenacetin	ND(0.710) [ND(0.720)]	NS NS	NS NS	
Phenanthrene	0.800 [ND(0.360)]	NS NS	NS	
Phenol	ND(0.350) [ND(0.360)]	NS	NS	
Pronamide	ND(0.350) [ND(0.360)]	NS NS	NS NS	
Pyrene	1.9 J [0.44 J]	NS	NS	
Pyridine	ND(0.350) (ND(0.360))	NS	NS	
Safrole	ND(0.350) [ND(0.360)]	NS	NS	
Thionazin	ND(0.35) [ND(0.36)]	NS	NS	

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4B RAA4-F21 0-1 05/04/02	4B RAA4-F21 6-15 06/04/02	4B RAA4-F23 1-5 06/04/02
Furans	······································		
2.3.7.8-TCDF	0.0000049 Y [0.0000054 Y]	0.000087 Y	0.00012 YI
TCDFs (tota!)	0.000039 [0.000046]	0.00079	0.60221
1,2,3,7,8-PeCDF	0.0000018 J [0.0000026 J]	0.000026	0.000047
2.3.4.7.8-PeCDF	0.0000044 [0.0000061]	0.000034	0.00039
PeCDFs (total)	0.000050 Q [0.000070 Q]	0.000381	0.0060 QI
1,2.3.4,7,8-HxCDF	0.0000032 [0.0000050]	0.000038	0.00047
1,2,3,6,7,8-HxCDF	0.0000021 J [0.0000037]	0.000020	0.00020
1,2,3,7,8,9-HxCDF	0.00000078 J [0.00000090 J]	0.0000046	0.000067
2,3,4,6,7,8-HxCDF	0.0000052 [0.0000072]	0.000026	0.00057
HxCDFs (total)	0.000067 [0.000096]	0.00037	0.0078 Q
1.2,3.4,6,7.8-HpCDF	0.0000067 [0.0000096]	0.000050	0.0010
1,2,3,4,7,8,9-HpCDF	0.0000010 J (0.0000011 J)	0.0000092	0.00026
HpCDFs (total)	0.000016 (0.000022)	0.00010	0.0028
OCDF	0.0000054 [0.0000076]	0.000060	0.0024
Dioxins			
2.3.7.8-TCDD	ND(0.00000018) X [ND(0.00000017) X]	0.0000065 J	ND(0.0000039) X
TCDDs (total)	0.0000036 [0 0000087]	0.000013	0.000055
1.2.3.7.8-PeCDD	ND(0.00000040) X [ND(0.00000031) X]	ND(0.0000012) X	ND(0.000036) X
PeCDDs (total)	0.0000013 Q [0.0000016 Q]	0.000012	0.00018 Q
1,2.3.4,7.8-HxCDD	ND(0.00000039) X (0.00000030 J)	L 060000000 J	0.000038
1,2,3,6,7,8-HxCDD	0.00000054 J [0.00000043 J]	0.0000012 J	0.000049
1.2.3.7.8.9-HxCDD	0.00000042 J [0.00000035 J]	0.00000095 J	0.000040
HxCDDs (total)	0.0000057 [0.0000058]	0.000017	0.00073 Q
1.2.3.4.6.7.8-HpCDD	0.0000044 [0.0000059]	0.0000071	0.00030
HpCDDs (total)	0.0000086 [0.000011]	0.000014	0.00066
OCDD	0.000028 [0.000041]	0.000028	0.0012
Total TEQs (WHO TEFs)	0.0000044 [0.0000059]	0.000038	0.00039
Inorganics	···· •		
Antimony	0.860 J [ND(6.00) J]	NS	NS
Arsenic	3.80 J [4.50 J]	NS	NS
Barium	36.0 J [22.0 J]	NS	NS
Berylium	ND(0.500) J (ND(0.500) J)	NS	NS
Cadmium	ND(0.500) J [ND(0.500) J]	NS	NS
Chromium	5.20 J (5.70 J]	NS	NS
Cobalt	6.90 J [7.60 J]	NS	NS
Copper	29.0 [16.0]	NS	NS
Cyanide	ND(0.110) (ND(0.110))	NS	NS
Lead	32.0 [15.0]	NS	NS
Mercury	0.0700 J [0.180 J]	NS	NS
Nickel	11.0 [12.0]	NS	NS
Selenium	ND(1.00) J (ND(1.00) J)	NS	NS
Siiver	ND(1.00) [ND(1.00)]	NS	NS
Sulfide	12.0 [10.0]	NS	NS
Thailium	ND(1.10) [ND(1.10)]	NS	NS
ไก	ND(4.30) [ND(3.40)]	NS	NS
Vanadium	7.30 [6.60]	NS	NS
Zinc	48.0 J [41.0 J]	NS	NS

	Averaging Area:	4B	48	4B	4B	48
	Sample ID:	RAA4-F29	RAA4-F33	RAA4-F34	RAA4-F34	RAA4-F34
_	Sample Depth(Feet):	0-1	1-6	0-1	1-6	4-6
Parameter	Date Collected:	05/22/02	05/28/02	05/28/02	05/28/02	05/28/02
Volatile Orga	nics					
1,1,1,2-Tetrac		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1,1-Trichtore		0.15 (0.15)	NS	ND(0.0064)	NS	ND(0.0057)
1,1,2,2-Tetrac		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1,2-Trichlore		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,1-Dichloroel	the second s	0.010 [0.011]	NS	ND(0.0064)	NS	ND(0.0057)
1,1-Dichloroet		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2,3-Trichlore		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NŚ	ND(0.0057)
	3-chloropropane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dibromoe	thane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dichioroet		0.0058 [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1,2-Dichloropi	ropane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
1.4-Dioxane		ND(0.10) J [ND(0.11) J]	NS	ND(0.13) J	NS	ND(0.11) J
2-Butanone		ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
2-Chloro-1,3-I	outadiene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
2-Chloroethyl	vinylether	0.0046 J [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
2-Hexanone		ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
3-Chloroprope	ene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
4-Methyl-2-pe	ntanone	ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
Acètone		0.0074 J [0.0079 J]	NS	ND(0.026)	NS	ND(0.023)
Acetonitrile		ND(0.10) J [ND(0.11) J]	NS	ND(0.13)	NS	ND(0.11)
Acrolein		ND(0.10) J [ND(0.11) J]	NS	ND(0.13) J	NS	ND(0.11) J
Acrylonitrile		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Benzene		ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NS	ND(0.00570)
Bromodichlor	omethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Bromoform		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064) J	NS	ND(0.0057) J
Bromomethar	ie	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Carbon Disulf	ide	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Carbon Tetra	chloride	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chlorobenzer	e	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chloroethane		ND(0.0053) J [ND(0.0054) J]	NS	ND(0.0064) J	NS	ND(0.0057) J
Chloroform		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Chloromethar	10	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
cis-1,3-Dichlo	ropropene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dibromochlor	omethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dibromometh	ane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Dichlorodifiua	romethane	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Ethyl Methaci	ylate	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Ethylbenzene	•	ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NS	ND(0.00570)
lodomethane		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Isobutanol		ND(0.10) [ND(0.11)]	NS	ND(0.13) J	NS	ND(0.11) J
Methacrylonit	rile	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Methyl Metha		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Methylene Ch	Itoride	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Propionitrile		ND(0.010) [ND(0.011)]	NS	ND(0.013)	NS	ND(0.011)
Styrene	ĺ	ND(0.00530) [ND(0.00540)]	NS	ND(0.00640)	NŞ	ND(0.00570)
Tetrachioroet	hene	0.82 J [0.43 J]	NS	ND(0.0064)	NS	ND(0.0057)
Toluene		ND(0.00530) [0.00460 J]	NS	ND(0.00640)	NS	ND(0.00570)
trans-1,2-Dicl		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
trans-1,3-Dicl	nloropropene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
	nloro-2-putene	ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Trichloroethe		0.096 [0.10]	NS	ND(0.0064)	NS	ND(0.0057)
Trichlorofiuor		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Vinyl Acetate		ND(0.0053) [ND(0.0054)]	NS	ND(0.0064) J	NS	ND(0.0057) J
Vinyl Chiodde		ND(0 0053) [ND(0.0054)]	NS	ND(0.0064)	NS	ND(0.0057)
Xyleries (tota		ND(0 0053) (ND(0.0054))	NS	ND(0 0064)	NS	ND(0.0057)

Averaging Area: Sample ID: Sample Depth(Feet):	4B RAA4-F29 0-1	4B RAA4-F33 1-6	4B RAA4-F34 0-1	4B RAA4-F34 1-6	48 RAA4-F34
Parameter Date Collected:	05/22/02	05/28/02	05/28/02	05/28/02	4-6 05/28/02
Semivolatile Organics	0312/02	00/20/02	03/28/02	03/28/02	05/28/02
2,4,5-Tetrachlorobenzene	0.390 (0.600 J)	L NC		10/0.000	1 110
1,2,4,5-1 etrachiorodenzene	0.560 [0.600 5]	NS NS	ND(0.470)	ND(0.380)	NS
,2-Dichlorobenzene			ND(0.470)	ND(0.380)	NS NS
······································	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
.2-Diphenylhydrazine	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
.3.5-Trinitrobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
.3-Dichlorobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
"3-Dinitrobenzene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
.4-Dichlorobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
,4-Naphthoquinone	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
-Naphthylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
3.4,6-Tetrachlorophenol	ND(0.350) (ND(0.730))	NS	ND(0.470)	ND(0.380)	NS
4,5-Trichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
.4.6-Trichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
4-Dichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
.4-Dimethylphenol	0.120 J [0.220 J]	NS	ND(0.470)	ND(0.380)	NS
,4-Dinitrophenol	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
,4-Dinitrololuene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
,6-Dichlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
1,6-Dinitrotoluene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Acetylaminofluorene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
-Chloronaphthalene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Chlorophenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Methvinaphthalene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Methviphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Naphthylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
-Nitroaniline	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS NS
-Nitrophenol	ND(0.710) [ND(0.730)]	NS			ł
-Picoline	ND(0.350) [ND(0.730)]	NS NS	ND(0.860)	ND(0.760)	NS
&4-Methylphenot	0.160 J [0.250 J]		ND(0.470)	ND(0.380)	NS
.3'-Dichlorobenzidine		NS	ND(0.860)	ND(0.760)	NS
	ND(0.710) [ND(1.40)]	NS	ND(0.94) J	ND(0.76) J	NS
.3'-Dimethylbenzidine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Methylcholanthrene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NŚ
-Nitroaniline	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
.6-Dinitro-2-methylphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Aminobiphenyl	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
-Bromophenyl-phenylether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Chioro-3-Methylphenol	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Chieroaniline	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-Chlorobenzilate	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NŚ
-Chlorophenyl-phenylether	ND(0.350) [ND(0.730)]	NŞ	ND(0.470)	ND(0.380)	NS
-Nitroaniline	ND(1.80) [ND(1.80)]	NS	ND(2.20)	ND(1.90)	NS
-Nitrophenol	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
-Nitroquinolme-1-oxide	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
-Phenylenediamine	ND(0.71) J [ND(0.73) J]	NS	ND(0.86) J	ND(0.76) J	NS
-Nitro-o-toluidine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
,12-Dimethylbenz(a)anthracene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
a'-Dimethyiphenethylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
cenaphthene	0.360 [0.730]	NS	ND(0.470)	ND(0.380)	NS
cenaphthylene	0.0930 J (ND(0.730))	NS	ND(0.470)	ND(0.380)	NS
cetophenone	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
niline	1.2 J [6.5 J]	NS	ND(0.470)	ND(0.380)	NS
nfhracene	0.610 [1.10]	NS	ND(0.470)	ND(0.380)	NS
ramite	ND(0.710) [ND(0.730)]	NS	ND(0.470) ND(0.860)		
enzidine	ND(0.71) [ND(1.4)]	NS NS		ND(0.760)	NS
enzicale enzo(a)anthracene		NS	ND(0.94) J	ND(0.76) J	NS
	2.10 [3.90]		0.0940 J	ND(0.380)	NS
enzo(a)pyrene	2 40 [3.90]	NŚ	0.120 J	ND(0.386)	NS
enzo(p)fluoranthene	2.20 [3.80]	NS	0.0970 J	ND(0.380)	NS
enzo(g,h,i)perylene	2.40 [4.00]	NS	ND(0.470)	ND(0.380)	NS
enzo(k)fluoranthene	1.70 [3.30]	NS	0.0670 J	ND(0.380)	NS
enzyi Alcohoi	ND(0.710) [ND(1.40)]	NS	ND(0.940)	ND(0.760)	NS
is(2-Chloroethoxy)methane	ND(0.359) [ND(0.730)]	NS	ND(0.470)	ND(0.380) [NS
is(2-Chloroethyl)ether	ND(0 350) [ND(0 730)]	NS	ND(0.470)	ND(0.380)	NS
is(2-Chloroisopropyl)ether	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS

Averaging Area:	48	4B	48	4B	4B
Sample ID:	RAA4-F29	RAA4-F33	RAA4-F34	RAA4-F34	RAA4-F34
Sample Depth(Feet):	0-1	1-6	0-1	1-6	4-6
Parameter Date Collected:	05/22/02	05/28/02	05/28/02	05/28/02	05/28/02
emivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	0.48 J [3.8 J]	NS	ND(0.420)	ND(0.370)	NS
lutylbenzylphthalate	ND(0.350) [ND(0.730)]	NS NS	ND(0.470)	ND(0.380)	NS
Chrysene	2.00 [3.80]	NS	ND(0.470)	ND(0.380)	NS
Diallate	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Dibenzo(a,h)anthracene	0.640 [1.20]	NS NS	ND(0.470)	ND(0.380)	NS
Dibenzofuran	0.190 J [0.350 J]	NS	ND(0.470)	ND(0.380)	NS
Diethylphthalate	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Dimethylphthalate	ND(0.350) [ND(0.730)]	N\$	ND(0.470)	ND(0.380)	NS
Di-n-Butyiphthalate	0.350 J [0.580 J]	NS	ND(0.470)	ND(0.380)	NS
Di-n-Octylphthalate	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Diphenylamine	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
Ethyl Methanesulfonate	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
luoranthene	3.70 [6.90]	NS	0.190 J	ND(0.380)	NS
fluorene	0.310 J [0.520 J]	NS	ND(0.470)	ND(0.380)	NS
texachlorobenzene	ND(0 350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
lexachlorobutadiene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
-lexachlorocyclopentadiene	ND(0.350) [ND(0.730)]	NS	ND(0.47) J	ND(0.38) J	NS
Texachloroethane	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
iexachlorophene	ND(0.71) [ND(1.4)]	NS	ND(0.94)	ND(0.76)	NS
lexachloropropene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
ndeno(1,2,3-cd)pyrene	2.30 [3.90]	NS	ND(0.470)	ND(0.380)	NS
sodrin	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
sophorone	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
sosafrole	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Viethapyrilene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Methyl Methanesulfonate	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Naphthalene	0.120 J [0.230 J]	NS	ND(0.470)	ND(0.380)	NS
Nitrobenzene	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodiethylamine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodimethylamine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitroso-di-n-butylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
N-Nitroso-di-n-propylamine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosodiphenylamine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosomethylethylamine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
N-Nitrosomorpholine	ND(0.350) [ND(0.730)]	ŃS	ND(0.470)	ND(0.380)	NS
N-Nitrosopiperidine	ND(0.350) (ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
N-Nitrosopyrrolidine	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
o.o.o-Triethylphosphorothioate	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
p-Toluidine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
p-Dimethylaminoazobenzene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Pentachlorobenzene	1.10 [1.80]	NS	ND(0.470)	ND(0.380)	NS
Pentachloroethane	ND(0 35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS
Pentachioronitrobenzene	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Pentachlorophenol	ND(1.80) [ND(3.60)]	NS	ND(2.30)	ND(1.90)	NS
Phenacetin	ND(0.710) [ND(0.730)]	NS	ND(0.860)	ND(0.760)	NS
Phenanthrene	2.80 [4.70]	NS	0.110 J	ND(0.380)	NS
Phenol	0.240 J [0.800]	NS	ND(0.470)	ND(0.380)	NS
Pronamide	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Pyrene	3.10 [6.10]	NS	0.140 J	ND(0.380)	NS
Pyridine	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Safroie	ND(0.350) [ND(0.730)]	NS	ND(0.470)	ND(0.380)	NS
Thionazin	ND(0.35) [ND(0.73)]	NS	ND(0.47)	ND(0.38)	NS

PRE-DESIGN INVESTIGNTION APPENDIX IX+3 SOIL ANALYTICAL RESULTS 1-8 318A1

(Results are presented in dry weight parts per million, ppm) GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS POITOA LAVOMER HTUOS-S AERA TEERIS TRAE ENT FOR TROPER NOITADITZEVII NDIZEG-ERG

	I KCH.KAAQ	i kom kakat	1 46# FYVU	48	EetA gnigeteva
\$ - 6 ይዮጵቁ-E34	1-6 RAA4-F34	FAA4-F34	1-9 6774-F33	0-1 1-20	:0f elqms2 :(feef)dgga elqms2
20/8Z/SO	Z0/8Z/S0	06/28/02	20/82/90	02/55/05	arameter Date Collected:
					SUEIU
SN	0.0000028 Y	Y \$1000.0	¥ 6900000'0	0.00074 [0.00065]	2,3,7,8-TCDF
SN	S20000.0	0.0012	890000'0	0.00461[0.0042]	FCDFs (fotal)
SN	0.0000011 J	0.000046	0.0000021 J	0.00044 [0.00042]	1,2,3,7,8-PeCDF
SN	1.01000000	0.000044	0.000024 J	[26000.0] 86000.0	2,3,4,7,8-PeCDF
SN	010000.0	0.000561	0.000026		eCDFs (total)
<u>SN</u>	0.00000000	0.000040	L 8100000.0	0.001210000	1,2,3,4 7,8-HxCDF
SN SN	L 07000000.0	0,000023	C 010000000	[24000.0] 12000.0	1,2,3,6,7,8-H×CDF
SN SN	L 02000000.0	0.000042 J	ND(0:0000034) X	0100 0 22000 0	1,2,3,7,8,9-HxCDF
SN SN	0.0000001	0.00034	0.000000	01010 01010 0	2,3,4,6,7,8-HxODF
SN CN	L 3F00000,0	0.00056	0000014	0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+XCDFs (10(31)
SN			0.0000022 1	2100,01 4200,0	1,2,3,4,6,7,8-HpCDF
<u>SN</u>	0'0000054 1	L 8800000.0 880000.0	0 000000000000000000000000000000000000	[62000.0] £4000.0	1.2.3.4.7.8.9-HpCDF
	U 9100000.0	860000'0 860000'0	0.0000044	1/ 5100 011 2500 0	-IpCDFs (total)
<u></u>		000000	0.1700000:0	[r \$\$0010] r 260010	DIMANU OCDE
SN	ND(0:00000024)	0.0000013 J			
SN	0.0000024	0.000020	0.00000038 ND(0.0000038	0.000052 [0.000040]	S'3'S'-1CDD
SN	ND(0.0000060)	X (92000000) X	X (00000000) X	ND(0:000013) X [ND(0:000015) X]	TCDDs (total)
SN	0.0000036	6100000	820000000	0.000013 J [0.000024 OJ]	PecDDs (pea)
SN	(09000000)ON	0.0000013 J	(19000000°0)GN	0.000013 J [0.00010]	PecODs (btal)
SN	ND(0:00000000)	0.0000020 J	(190000000)ON	0.000012 J (0.000016 J	1 2 3 6 7 8-H×CDD
SN	ND(0:00000000)	0.0000015 1	(19000000'0)CIN	0.000011 J [0.000066 J]	1.2,3,6,7,8-HxCDD
ŚN	ND(0:0000000)	92000000	6+00000010	0,00020 [0,00016]	4.2.3.7.8,9-HxCDD
<u>SN</u>	0.00000000	61000010	r #60000000	[110000] E10000	4 5 3 4 6 7 8°HPCDO HXCDD2 (009)
SN	81000000	0.000035	81-0000010	0.00025 [0.00021]	1,2,3,4,6,7,8-HpCDD
SN	0.000012	81000.0	(9#0000000)GN	0.00045 [0.09042]	OCDD HDCDD2 (10(31)
<u>SN</u>	0,0000016	0.000051	7200000,0	[980000] 960000	Total TEQs (WHO TEFs)
		I			
SN	1:30.8	1.20 B	SN	[07:9] 00:9	vojimony Inorganica
<u>SN</u>	00'9	02'6	SN	3'20 [4 00]	
SN	58'0	0.27	SN	32.0 [29.0]	Arsenic Bailum
SN	(009'0)ON	029'0	SN	(005'0)(N) (005'0)(N	Beryllium
SN	(005 0)dN	8 081.0	SN	1068.01 099.0	Cadmium
SN	02.7	31.0	SN	LO.0.1 LO.01	Chromium
SN	07.6	0.11	ŚN	0912] 0819	Cobalt
SN	21.0	30.0	SN	[r q 29] r q 12	Copper
SN	ND(0:530)	091.0	SN	01150 [0.0960 B]	Cyanide
SN	0.01	0.85	SN	62.0 [60.0]	реэд
SN	(0110)ON	019.0	SN	3:90 [4:10]	Mercury
SN	13'0	0.91	SN	13.0 [22.0]	Nicket
SN	(00'1)ON	(00°L)ON	SN	[(00")] (00")] (00")]	muinele2
SN	(00°1)an	(00.1)QN	SN	[(00'1)QN] (00'1)QN	Silver
SN	33.0	33.0	SN	10211021	Sulfde
SN	r (or r)an	r (05'L)ON	SN	[(09'1)QNJ (09'1)QN	Thatium
SN	(0.01)QN	(0.01)QN	SN SN	[(0.01)0/01) (0.01)0/ [0.31] 0.11	UI]
SN	01.7	55.0			Vananan

Averaging Area:	48	4B	48	4B	48	4B
Sample ID:	RAA4-F35	RAA4-F35	RAA4-G21	RAA4-G27	RAA4-G31	RAA4-G33
Sample Depth(Feet):	6-15	8-10	1-6	0-1	0-1	6-8
Parameter Date Collected:	05/28/02	05/28/02	06/18/02	05/22/02	06/24/02	06/20/02
Volatile Organics						
1,1.1,2-Tetrachloroethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,1,1-Trichloroethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,1,2,2-Tetrachloroethane	NŜ	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
t,1,2-Trichloroethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,1-Dichloroethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,1-Dichloroethene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,2,3-Trichloropropane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,2-Dibromo-3-chloropropane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,2-Dibromoethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,2-Dichloroethane	<u>NS</u>	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,2-Dichloropropane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
1,4-Dioxane	NS	ND(0.12) J	NS	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone	NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
2-Chloro-1,3-butadiene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0081)	ND(0.0058
2-Chioroethylvinylether	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
2-Hexanone	NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
3-Chloropropene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
4-Methyl-2-pentanone	NS	ND(0.012)	NS	ND(0.011)	ND(0.012)	ND(0.012)
Acetone	NS	ND(0.023)	NS	ND(0.022)	ND(0.024)	ND(0.023)
Acetanitrile	NS	ND(0.12)	NS	ND(0.11) J	ND(0.12)	ND(0.12)
Acrolein	NS	ND(0.12) J	NS	ND(0.11) J	ND(0.12) J	ND(0.12) J
Acrylonitrile	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Benzene	NS	ND(0.00580)	NS	ND(0.00560)	ND(0.00610)	ND(0.00580
Bromodichloromethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Bromoform	NS	ND(0.0058) J	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Bromomethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Carbon Disulfide	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Carbon Tetrachloride	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Chlorobenzene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Chloroethane	NS	ND(0.0058) J	NS	ND(0.0056) J	ND(0.0061)	ND(0.0058
Chloroform	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Chloromethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
cis-1,3-Dichloropropene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Dibromochloromethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Dibromomethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Dichlorodifluoromethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Ethyl Methacrylate	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Ethylbenzene	NS	ND(0.00580)	NS	ND(0.00560)	ND(0.00610)	ND(0.00580
lodomethane	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Isobutanol	NS	ND(0.12) J	NS	ND(0.11)	ND(0.12)	ND(0.12)
Methacrylonitrile	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061) ND(0.0061)	ND(0.0058
Methyl Methacrylate	NS	ND(0.0058)	NS	ND(0.0056)		ND(0.0058
Methylene Chloride	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Propionitrile	NS NS	ND(0.012)	NS	ND(0.011) ND(0.00560)	ND(0.012)	ND(0.012)
Styrene	NS	ND(0.00580)	NS	···· ····· ··· ··· ··· ··· ··· ··· ···	ND(0.00610)	ND(0.00580
Tetrachloroethene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Toluene	NS	ND(0.00580)	NS	0.00400 J	ND(0.00610)	ND(0.00580
trans-1,2-Dichloroethene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
trans-1,3-Dichloropropene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
trans-1,4-Dichloro-2-butene	NS	ND(8.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Trichloroethene	NS	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Trichlorofluoromethane	NŚ	ND(0.0058)	NS	ND(0.0056)	ND(0.0061)	ND(0.0058
Vinyl Acetate	NS NS	ND(0.0058) J ND(0.0058)	NS	ND(0.0056)	ND(0.0061) ND(0.0061)	MD(0.0058)
Vinyl Chloride	215	- r BIDOLOONAS 3	N\$	ND(0.0056)	DUE REEK ENSTERT 1	ND(0.0058)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	48 RAA4-F35	4B RAA4-F35 8-10	48 RAA4-G21 1-6	4B RAA4-G27 0-1	4B RAA4-G31 0-1	4B RAA4-G33 6-8
Sample Depth(Feet): Parameter Date Collected:	6-15 05/28/02	05/28/02	1-5 06/18/02	0-1 05/22/02	06/24/02	06/20/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
1,2,4-Trichlorobenzene	ND(0.390)	NS	NS	2.00	ND(0.410)	NS
1,2-Dichlorobenzene	ND(0.390)	NS	NS	1.00	ND(0.410)	NS
1,2-Diphenylhydrazine	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
1,3,5-Trinitrobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
1.3-Dichlorobenzene	ND(0.390)	NS	NS	0.420	ND(0.410)	NS
1,3-Dinitrobenzene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
1,4-Dichlorobenzene	ND(0.390)	NS	NS	2.50	ND(0.410)	NS
1.4-Naphthoquinone	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
1-Naphthylamine	ND(0.780)	NS	NS NS	ND(0.750)	ND(0.820)	NS
2.3,4,6-Tetrachloropherioi	ND(0.390)	NS		ND(0.370)	ND(0.410)	NS
2,4,5-Trichlorophenol	ND(0.390) ND(0.390)	NS NS	NS NS	<u>ND(0.370)</u> ND(0.370)	ND(0.410) ND(0.410)	NS NS
2.4.6-Trichlorophenol	ND(0.390)	NS	NS NS	ND(0.370)	ND(0.410)	NS NS
2,4-Dichlorophenol	ND(0.390)	NS	NS	0.370 J	ND(0.410)	NS
2,4-Dimethylphenol 2,4-Dinitrophenol	ND(2.00)	NS	NS	ND(1.90)	ND(0.410) ND(2.10)	NS NS
2,4-Dinitrotoluene	ND(2.00) ND(0.390)	NS NS	NS	ND(0.370)	ND(0.410)	NS
2.6-Dichlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2.6-Dinitrotoluene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2-Acetylaminofluorene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Chloronaphthalene	ND(0.390)	NS	NS	0.0770 J	ND(0.410)	NS
2-Chlorophenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
2-Methylnaphthalene	0.160 J	NS	NS	ND(0.370)	ND(0.410)	NS
2-Methylphenol	ND(0.390)	NS	NS	0.590	ND(0.410)	NS
2-Naphthylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Nitroaniline	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
2-Nitrophenol	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
2-Picoline	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
3&4-Methylphenol	ND(0.780)	NS	NS	0.500 J	ND(0.820)	NS
3,3'-Dichlorobenzidine	ND(0.78) J	NS	NŚ	ND(0.750)	ND(0.820)	NS
3,3'-Dimethylbenzidine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
3-Methylcholanthrene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
3-Nitroaniline	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4,6-Dinitro-2-methylphenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Aminobiphenyl	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
4-Bromophenyl-phenylether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chioro-3-Methylphenol	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chioroaniline	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Chlorobenzilate	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
1-Chiorophenyl-phenylether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
4-Nitroanifine	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4-Nitrophenol	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
4-Nitroquinoline-1-oxide	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
4-Phenylenediamine	ND(0.78) J	NS NC	NS	ND(0.75) J	ND(0.82) J	NS
5-Nitro-o-toluidine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.780) ND(0.780)	NS	NS NS	ND(0.750) ND(0.750)	ND(0.820)	NS
a,a'-Dimethylphenethylamine	ND(0.390)	NS NS	NS NS	ND(0.750) ND(0.370)	ND(0.820)	NS NS
Acenaphthene Acenaphthylene	008.0	NS NS	NS NS		ND(0.410)	I NS
Acetophenone	ND(0.390)	NS NS	NS NS	0.0810 J ND(0.370)	ND(0.419) ND(0.419)	NS NS
Aniline	ND(0.390)	NS	NS NS	14.0	ND(0.410)	NS NS
FERRY TO CONTRACT CONTRACTOR CONTRAC	0.240 J	NS	NS	0,150 J	ND(0.410)	NS NS
Anthracene	ND(0.780)	NS NS	NS NS	ND(0.750)	ND(0.410)	NS NS
Benzidine	ND(0.78) J	NS	NS NS	ND(0.75)	ND(0.820)	NS
Benzo(a)anihracene	9.439	NS	NS	0.460	0 110 J	NS NS
Benzo(a)pyrene	0.900	NS	NS	0,690	0.130 J	NS NS
Benzo(b)fluoranthene	0.440	NS	NS (0.670	0.130 J	NS
Benzo(g,h.i)perylene	1.20	NS	NS 1	0.930	ND(0.410)	NS NS
Senzolkifluoranthene	0.470	NS NS	NS	0.600	ND(0.410)	NS NS
Benzyl Alcohol	ND(0.780)	NS	NS I	ND(0.750)	ND(0.820)	NS NS
pis(2-Chioroethoxy)methane	ND(0.390)	NS NS	NS	NG(0.370)	ND(0.410)	NS NS
bis(2-Chloroethyl)ether	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS NS
bis(2-Chloroisopropyljether	ND(0.390)	NS NS	NS	ND(0.370)	ND(0.410)	NS NS

V.:GE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and DataPDI DATA8 xis Table B-1 (A) Page 82 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4B	48	4B	4B .	4B	4B
Sample ID:	RAA4-F35	RAA4-F35	RAA4-G21	RAA4-G27	RAA4-G31	RAA4-G33
Sample Depth(Feet):	6-15	8-10	1-6	0-1	0-1	6-8
Parameter Date Collected:	05/28/02	05/28/02	06/18/02	05/22/02	06/24/02	06/20/02
Semivolatile Organics (continued)						
ois(2-Ethylhexyl)phthalate	ND(0.380)	NS	NS	1.80	ND(0.400)	NS
Butylbenzylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Chrysene	0.490	NS	NS	0.470	0.150 J	NS
Diallate	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Dibenzo(a,h)anthracene	ND(0.390)	NS	NS	0.240 J	ND(0.410)	NS
Dibenzofuran	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Diethylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Dimethylphthalate	ND(0.390)	NS	N\$	ND(0.370)	ND(0.410)	NS
Ji-n-Butylohthalate	ND(0.390)	NS	NS	1.20	ND(0.410)	NS
Di-n-Octylphthalate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Diphenylamine	ND(0.39)	NS	NS	0.11 J	ND(0.41)	NS
Ethyl Methanesulfonate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
-luoranthene	0.560	NS	NS	0.710	0.249 J	NS
luorene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
-lexachiorobenzene	ND(0.390)	NS	NS	0.150 J	ND(0.410)	NŜ
texachiorobutadiene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
+lexachlorocyclopentadiene	ND(0.39) J	NS	NS	ND(0.370)	ND(0.410)	NS
lexachioroethane	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
lexachlorophene	ND(0.78)	NS	NS	ND(0.75)	ND(0.82)	NS
Hexachloropropeлe	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
ndeno(1,2,3-cd)pyrene	0,760	NS	NS	0.840	ND(0.410)	NS
sodrin	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	N\$
sophorone	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
sosafrole	ND(0.780)	NS	NS	ND(0.750)	NO(0.820)	NS
Vethapyrilene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Methyl Methanesulfonate	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
Naphthalene	0.370 J	NS	NS	L 0080.0	ND(0.410)	NS
Nitrobenzene	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodiethylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodimethylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitroso-di-n-butylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
N-Nitroso-di-n-propylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosodiphenylamine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosomethylethylamine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
V-Nitrosomorpholine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
N-Nitrosopiperidine	ND(0.390)	NS	NS	NO(0.370)	ND(0.410)	NS
N-Nitrosopyrrolidine	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
o.o.o-Triethylphosphorothioate	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
>Toluidine	ND(0.390)	NS	NS	ND(0.370)	ND(0.410)	NS
o-Dimethylaminoazobenzene	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Pentachlorobenzene	ND(0.390)	NS	NS	1.50	ND(0.410)	NS
Pentachloroethane	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS
Pentachloronitrobenzene	NO(0.780)	NS	N\$	ND(0.750)	ND(0.820)	NS
Pentachlorophenol	ND(2.00)	NS	NS	ND(1.90)	ND(2.10)	NS
Phenacetin	ND(0.780)	NS	NS	ND(0.750)	ND(0.820)	NS
Phenanthrene	0.400	NS	NS	0.390	0.180 J	NS
^o henol	ND(0.390)	NS	NS	2.10	ND(0.410)	NS
Pronamide	ND(0.390)	NS	NS	ND(0.370)	ND(0,410)	NS
Pyrene	0 860	NS	NS	0.600	0.320 J	NS
Pyridine	ND(0.390)	NS	NS	0.410	ND(0.410)	NS
Safroie	ND(0.390)	NS NS	NS	ND(0.370)	ND(0.410)	NS
Thionazin	ND(0.39)	NS	NS	ND(0.37)	ND(0.41)	NS NS

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-F35 6-15 05/28/02	4B RAA4-F35 8-10 05/28/02	4B RAA4-G21 1-6 06/18/02	4B RAA4-G27 0-1 05/22/02	4B RAA4-G31 0-1 06/24/02	4B RAA4-G33 6-8 06/20/D2
Furans			·····	·		**************************************	
2.3.7.8-TCDF	í l	ND(0.0000026)	NS	0.00011 YQ	0.00012	0.00025 Y	NS
TCDFs (total)		ND(0.00000026)	NS	0.00059	0.00096	0.0021	NS
1.2.3.7.8-PeC	DF	ND(0.0000064)	NS	0.000044	0.00010	0.000098	NS
2,3,4,7,8-PeC	CDF	ND(0.00000064)	NS	0.00019	0.00030	0.000097	NS
PeCDFs (tota		ND(0.00000064)	NS	0.0017 QI	0.0022	0.000941	NS
1,2,3,4,7,8-H	xCDF	ND(0.00000064)	NS	0.00025	0.00061	0.000095	NS
1.2.3.6.7.8-H		ND(0.00000064)	NS	0.00011	0.00018	0.000054	NS
1,2,3,7,8,9-11	xCDF	ND(0.00000064)	NS	0.000048	0.00013	0.000011	NS
2,3,4,6,7,8-H		ND(0.00000064)	NS	0.00044	0.00023	0.000053	NS
HxCDFs (tota		ND(0.00000064)	NS	0.0055	0.0030	0.00070	NS
1,2,3,4,6,7,8-	HpCDF	ND(0.00000015) X	NS	0.00046	0.00059	0.00011	NS
1,2,3,4,7,8,9-	HpCDF	ND(0.00000064)	NS	0.00011 J	0.00022	0.000013	NS
HpCDFs (tota	ai)	ND(0.00000064)	NS	0.0012	0.0016	0.00019	NS
OCDF		ND(0.0000013)	NS	0.00064	0.0022	0.000082	NS
Dioxins							
2,3,7,8-TCDE)	ND(0.00000026)	NS	0.0000055	ND(0.0000016) X	0.0000016	NS
TCDDs (total)	ND(0.00000048)	NS	0.000022	0.000015	0.000049	NS
1,2,3,7,8-PeC	DD	ND(0.00000064)	NS	0.000016	ND(0.000037) X	ND(0.0000033) X	NS
PeCDDs (tota	al)	ND(0.00000064)	NS	0.00012 Q	0.000023	0.000040	NS
1,2,3,4,7,8-1		ND(0.00000064)	NS	0.000026	ND(0.0000045) X	0.0000023 J	NS
1,2,3,6.7,8-H	xCDD	ND(0.00000064)	NS	0.000033	0.0000081 J	0.0000032	NS
1,2,3,7,8,9-H	XCDD	ND(0.0000064)	NS	0.000025	ND(0.0000053) X	0.0000024 J	NS
HxCDDs (tota	ał)	ND(0.00000064)	NS	0 00044	0.000079	0.000044	NS
1,2,3,4,6,7,8-	HpCDD	0.0000028 J	NS	0.00025	0.00012	0.000020	NS
HpCDDs (tota	al)	0.00000028	NS	0.00049	0.00023	0.000041	NS
OCDD	·····	ND(0.0000018)	NS	0.0013	0.00073	0.000080	NS
Total TEQs (\	WHO TEFs)	0.00000087	NS	0.00023	0.00031	0.00011	NS
Inorganics					<u></u>		
Antimony		1.00 B	NS	NS	ND(6.00)	1.10 8	NS
Arsenic		3.20	NS	NS	11.0	11.0	NS
Barium	*****	22.0	NS	NS	47.0	48.0	NS
Beryllium		ND(0.500)	NS	NS	ND(0.500)	ND(0.500)	NS
Cadmium		0.120 B	NS	NS	0,700	ND(0.500)	NS
Chromium		7.20	NS	NS	94.0 J	7.90	NS
Cobalt	******	6.80	NS	NS	6,80	ND(5.00)	NS
Copper		9.30	NS	NS	130 J	34.0	NS
Cyanide		ND(0.230)	NS	NS	0.250	0.270	NS
Lead		4.50	NS	NS	410	49.0	NS
Mercury		ND(0.120)	NS	NS	5.50	0.350	NS
Nicket		9.80	NS	NS	36.0	8.80	NS
Selenium		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Silver		ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	NS
Sulfide		39.0	NS	NS	47.0 J	24.0	NS
Thallium		ND(1.20) J	NS	NS	ND(1.70)	ND(1.80)	NS
Tin		ND(3.60)	NS	N\$	ND(12.0)	ND(10.0)	NS
Vanadium		7,90	NS	NS	37.0	19.0	NS
Zinc		50.0	NS	NS	230	66.0	NS

	Averaging Area:	4B	4B	4B	4B	4 B	4B
	Sample ID:	RAA4-G33	RAA4-G34	RAA4-H17	RAA4-H17	RAA4-H21	RAA4-H27
. .	Sample Depth(Feet):	6-15	0-1	0-1	1-6	0-1	0-1
Parameter	Date Collected:	06/20/02	06/24/02	06/14/02	06/14/02	06/04/02	04/24/02
Volatile Orga							
1,1,1,2-Tetra	The second se	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1,1-Trichlor	we have a second the second	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0038 J
1,1,2,2-Tetra	and the second state of the se	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1,2-Trichlor	······	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,1-Dichloroe		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.039
1,1-Dichloroe	the second s	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2,3-Trichlor		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
·	3-chioropropane	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2-Dibromos		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,2-Dichloroe		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0049 J
1,2-Dichlorop	ropane	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
1,4-Dioxane		NS	ND(0.13) J	ND(0.11) J	NS	ND(0.12) J	ND(0.12) J
2-Butanone		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
2-Chloro-1,3-		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
2-Chioroethyl	vinylether	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
2-Hexanone		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
3-Chioroprop		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
4-Methyl-2-pt	entanone	NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
Acetone		NS	ND(0.026)	ND(0.022)	NS	ND(0.024)	0.013 J
Acetonitrile		NS	ND(0.13)	ND(0.11)	NS	ND(0.12) J	ND(0.12)
Acrolein		NS	ND(0.13) J	ND(0.11) J	NS	ND(0.12) J	ND(0.12) J
Acrylonitrile		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Benzene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
Bromodichlor	omethane	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Bromoform		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059) J	ND(0.0060)
Bromometha		NS	ND(0.0065)	ND(0.0055)	N\$	ND(0.0059)	ND(0.0060)
Carbon Disul		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Carbon Tetra		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chlorobenzei	10	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chloroethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059) J	ND(0.0060)
Chloroform		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Chlorometha	ne	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
cis-1,3-Dichk	ropropene	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dibromochlor	omethane	NS	NÐ(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dibromometh	ane	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Dichlorodifluc		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Ethyl Methac	rylate	N\$	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Ethylbenzene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
lodomethane		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
isobutanol		NS	ND(0.13)	ND(0.11) J	NS	ND(0.12)	ND(0.12)
Methacryloni		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Methyl Metha		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Methylene Cl	nloride	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Propionitrile		NS	ND(0.013)	ND(0.011)	NS	ND(0.012)	ND(0.012)
Styrene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
Tetrachioroel	hene	NS	ND(0.0065)	ND(0.0055)	NS	0.082	ND(0.0060)
Toiuene		NS	ND(0.00650)	ND(0.00550)	NS	ND(0.00590)	ND(0.00600)
trans-1,2-Dic		NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
	hloropropene	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
	hloro-2-buterie	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Trichloroethe	ne	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	0.0081
Trichlarofluor	omethane	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Vinyl Acetate		NS	NU(0.0065)	ND(0.0055)	NS	ND(0.6059)	ND(0.0066)
Vinyl Chloridi	2	NS	ND(0.0065)	ND(0.0055)	NS	ND(0.0059)	ND(0.0060)
Xylenes (tota	1)	NS	ND(0.0065)	ND(0.0355)	NS	ND(0.0059)	ND(0.0060)

Averaging Area: Sample ID:	4B RAA4-G33	4B RAA4-G34	4B RAA4-H17	4B RAA4-H17	4B RAA4-H21	4B RAA4-H27
Sample Depth(Feet):	6-15	0-1	0-1	1-6	0-1	0-1
Parameter Date Collected:	06/20/02	06/24/02	06/14/02	06/14/02	06/04/02	04/24/02
Semivolatile Organics	B. 1672 1622 1721283		10/0 2000 E	6 . 1 c [*] 7	NO(0 470)	
2,4,5-Tetrachlorobenzene	ND(0.390) ND(0.390)	ND(0.430) ND(0.430)	ND(0.360) 0.920	NS NS	ND(0.470) ND(0.470)	NS NS
2.4-Trichlorobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS NS	ND(0.470)	NS
2-Dichlorobenzene	ND(0.39)	ND(0.430)	ND(0.36)	NS N\$	ND(0.470)	NS NS
1,2-Diphenylhydrazine	ND(0.39)	ND(0.430)	ND(0.360)	NS NS	ND(0.47)	NS
I.3-Dichlorobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS NS
, 3-Dinitrobenzene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
.4-Dichlorobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
,4-Naphthoguinone	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
-Naphthylamine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2.3.4.6-Tetrachlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4,5-Trichlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,4,6-Trichlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Dichlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Dimethylphenoi	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Dinitrophenol	ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
2,4-Dinitrotaluene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
6-Dichlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2,6-Dinitrotaluene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
-Acetylaminofluorene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Chloronaphthaiene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Chlorophenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Methylnaphthalene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Methylphenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
2-Naphthylamine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Nitroaniline	ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
2-Nitrophenol	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
2-Picoline	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
&4-Methylphenol	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
3,3' Dichlorobenzidine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.950)	NS
3,3'-Dimethylbenzidine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0,470)	NS
3-Methylcholanthrene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
3-Nitroaniline	ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
4,6-Dinitro-2-methylphenol	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Aminobiphenyl	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
1-Bromophenyl-phenylether	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
-Chloro-3-Methylphenol	ND(0.390)	ND(0.430) ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
4-Chloroaniline	ND(0.390) ND(0.780)	ND(0.430)	ND(0.360) ND(0.730)	NS NS	ND(0.470) ND(0.790)	NS NS
I-Chlorobenzilate	ND(0.390)	ND(0.430)	ND(0.730) ND(0.360)	NS	ND(0.790) ND(0.470)	NS NS
I-Chlorophenyl-phenylether	ND(2.00)	ND(0.430)	ND(1.90)	NS NS	ND(2.00)	NS NS
4-Nitrophenol	ND(2.00)	ND(2.20)	ND(1.90)	NS	ND(2.40)	NS
4-Nitroquinoline-1-oxide	ND(2.00) ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
4-Phenylenediamine	ND(0.78) J	ND(0.87) J	ND(0.73) J	NS	ND(0.79) J	
5-Nitro-o-toluidine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
7.12-Dimethylbenz(a)anthracene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
a,a'-Dimethylphenethylamine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Acenaphthene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Acenaphthylene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Acetophenone	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS NS
Asiline	ND(0.390)	ND(0.430)	0.170 J	NS	ND(0.470)	NS
Anthracene	ND(0.390)	ND(0.430)	0.160 J	NS	ND(0.470)	NS
Aramite	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Benzidine	ND(0.78) J	ND(0.87) J	ND(0.73)	NS	ND(0.95)	NS
Benzo(a)anthracene	ND(0.390)	6.6840 J	0.760	NS	0.240 J	NS
Benzo(a)pyrene	ND(0.390)	ND(0.430)	0.880	NS	0.240 J	NS
Benzo(b)fluoranthene	ND(0.390)	ND(0.430)	1.10	NS	0.230 J	NS
Benzo(g,h,l)perylenc	NO(0.390)	ND(0.430)	ND(0 360)	NS	ND(0.470)	NS
Benzo(k)Buoranthene	ND(0.390)	ND(0.430)	0.690	NS	0.240 J	NS
Benzyl Alcohol	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.95) J	NS
ois(2-Chloroethoxy)methane	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
ois(2-Chioroethyl)ether	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
bis(2-Chioroisopropyl)ether	ND(0.390)	ND(0.430)	ND(0.36) J	NŞ	ND(0.470)	NS

Averaging Area:	4B	48	4B	48	48	4B
Sample ID:	RAA4-G33	RAA4-G34	RAA4-H17	RAA4-H17	RAA4-H21	RAA4-H27
Sample Depth(Feet):	6-15	0-1	0-1	1-6	0-1	0-1
Parameter Date Collected:	06/20/02	06/24/02	06/14/02	06/14/02	06/04/02	04/24/02
Semivolatile Organics (continued)						
pis(2-Ethylhexyl)phthalate	ND(0.380)	ND(0.430)	ND(0.360)	NS	ND(0.390)	NS
Butylbenzylphthalate	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Chrysene	ND(0.390)	0.0940 J	0.830	NS	0.290 J	NS
Diallate	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Dibenzo(a,h)anthracene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Dibenzofuran	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Diethylphthalate	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Dimethylphthatate	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Di-n-Butylphthalate	ND(0.390)	ND(0.430)	ND(0.360)	NS	0.350 J	NS
Di-n-Octylphthalate	ND(0.390) ND(0.39)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Ethyl Methanesulfonate	ND(0.390)	ND(0,43)	ND(0.36)	NS NS	ND(0.47)	NS
luoranthene	ND(0.390)	ND(0.430) 0.220 J	ND(0.360) 0.990	NS NS	ND(0.470) 0.650	NS NS
luorene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS NS
dexachlorobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS NS	ND(0.470)	NS NS
texachlorobutadiene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Hexachlorocyclopentadiene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
exachloroethane	ND(0.390)	ND(0,430)	ND(0.360)	NS	ND(0.470)	NS
texachlorophene	ND(0.78)	ND(0.87)	ND(0.73)	NS	ND(0.95)	NS
Hexachloropropene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
ndeno(1,2,3-cd)pyrene	ND(0.390)	ND(0.430)	0.620	NS	ND(0.470)	NS
sodrin	ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
sophorone	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
sosafrole	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Methapyrilene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
Methyl Methanesulfonate	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Naphthalene	ND(0.390)	ND(0.430)	0.0740 J	NS	ND(0.470)	NS
Nitrobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodiethylamine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodimethylamine	ND(0.390)	ND(0.430)	ND(0.360)	· NS	ND(0.470)	NS
N-Nitroso-di-n-butylamine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0,790)	NS
N-Nitroso-di-n-propylamine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosodiphenylamine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosomethylethylamine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
N-Nitrosomorpholine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosopiperidine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
N-Nitrosopyrrolidine	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.790)	NS
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.43)	ND(0.36)	NS	ND(0.47)	NS
p-Toluidine p-Dimethylaminoazobenzene	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Pentachlorobenzene	ND(0.780) ND(0.390)	ND(0.870) ND(0.430)	ND(0.730)	NS NS	ND(0.790)	NS
Pentachioroethane	ND(0.39)	ND(0.430)	ND(0.360) ND(0.36)	NS	ND(0.470)	NS
Pentachloronitrobenzene	ND(0.780)	ND(0.870)	ND(0.730)	NS	ND(0.47)	NS
Pentachlorophenol	ND(2.00)	ND(0.870)	ND(0.730) ND(1.90)	NS	ND(0.790) ND(2.40)	NS
Phenacetin	ND(0,780)	ND(0.870)	ND(0.730)	NS NS	ND(0.790)	NS NG
Phenanthrene	ND(0.390)	0.170 J	0.730	NS	0.260 J	NS NS
Phenol	0.750	ND(0.430)	ND(0.360)	NS NS	ND(0.470)	NS NS
Pronamide	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Pyrene	ND(0.390)	0.330 J	1.90	NS	0.49 J	NS NS
Pyridine	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Safrole	ND(0.390)	ND(0.430)	ND(0.360)	NS	ND(0.470)	NS
Thionazin	ND(0.39)	ND(0.43)	ND(0.36)	NŜ	ND(0.47)	NS

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	48 RAA4-G33 6-15 06/20/02	4B RAA4-G34 0-1 06/24/02	4B RAA4-H17 0-1 06/14/02	48 RAA4-H17 1-6 06/14/02	4B RAA4-H21 0-1 06/04/02	4B RAA4-H27 0-1 04/24/02
Furans	**************************************						
2.3.7.8-TCDF		ND(0.00000044) X	0.00032 Y	0.00022 Y	0.0000043 Y	0.000027 Y	NS
TCDFs (total)		0.0000016	0.0025	0.0017 QI	0.000048 Q	0.000241	NS
1.2.3.7,8-PeC		0.00000015 J	0.000096	0.00016 Q	0.0000022 J	0.000012	NS
2,3,4,7,8-PeC		ND(0.00000019) X	0.00010	0.00028	0.0000072	0.000030	NS
PeCDFs (tota		0.00000092	0.00101	0.0027 QI	0.000092 Q1	0.00048 QI	NS
1,2,3,4,7,8-H		0.00000017 J	0.000081	0.00039	0.0000051	0.000025	NS
1.2.3.6.7.8-H		ND(0.00000014) X	0.000044	0.00022	0.0000040	0.000019	NS
1,2,3,7,8,9-H	XCDF	ND(0.00000024)	0.0000035	0.000074	0.0000010 J	0.0000043	NS
2,3,4,6,7,8-H		ND(0.00000011) X	0.000045	0.00019	0.0000068	0.000046	NS
HxCDFs (tota		0.00000079	0.00070	0.0025	0.000086	0.00061	NS
1,2,3,4,6,7,8-	HpCDF	0.00000022 J	0.000096	0.00041	0.0000090	0.000060	NS
1,2,3,4,7,8,9-	HpCDF	ND(0.00000024)	0.000012	0.00011	0.0000015 J	0.0000074	NS
HpCDFs (tota	ai)	0.00000064	0.00018	0.00082	0.000021	0.00014	NS
OCDF		0.00000071 J	0.000070	0.00036	0.0000079	0.000054	NS
Dioxins						1	
2,3,7,8-1CDE)	ND(0.00000015)	0.0000021	ND(0.0000021)	ND(0.00000041)	0.00000084 J	NS
CDDs (total)	ND(0.00000015)	0.000056	0.000052	0.0000027	0.0000052	NS
1,2,3,7,8-PeC	CDD	ND(0.00000024)	0.0000035	0.000013	ND(0.00000071) X	ND(0.0000024) X	NS
PeCDDs (tota	ai)	0.00000011	0.000046	0.00012 Q	0.0000060	0.0000072 0	NS
1,2,3,4,7,8-H	xCDD	ND(0.00000024)	0.0000020 J	0.000012	0.00000046 J	0.0000012 J	NS
1,2,3,6,7,8-H	xCDD	ND(0.00000024)	0.0000030	0.000016	0.00000072 J	0.0000025 J	NS
1,2,3,7,8,9-H	xCDD	ND(0.00000024)	0.0000023 J	0.000015	0.00000082 J	0.0000021 J	NS
HxCDDs (tota	ał)	0.00000010	0.000047	0.00023	0.000013	0.000029	NS
1,2,3,4,6,7,8-	HpCDD	0.0000058 J	0.000023	0.000097	0.0000094	0.000027	NS
HpCDDs (lota	al)	0.00000058	0.000049	0.00021	0.000022	0.000050	NS
DCDD		0.0000030 J	0.00011	0.00069	0.00030	0.00015	NS
Total TEQs (\	WHO TEFs)	0.0000036	0.00011	0.00028	0.0000068	0.000031	NS
norganics							
Antimony		ND(6.00)	ND(6.00)	7.80	NS	1.20 J	NS
Arsenic		4.80	14.0	45.0	NS	5.30 J	NS
3arium		22.0	76.0	71.0	NS	46.0 J	NS
3ery#ium		ND(0.500)	ND(0.500)	ND(0.500) J	NS	ND(0.500) J	NS
Cadmium		ND(0.500) J	ND(0.500)	2.00	NS	0.610 J	NS
Chromium		8.90	11.0	51.0	NS	12.0 J	NS
Cobalt		8.90	5.40	11.0	NS	9.00 J	NS
Copper		21.0	53.0	680	NS	28.0	NS
Syanide		ND(0.120)	0.300	0.190	NS	0.130	NS
.ead		7.60	78.0	290	NS	23.0	NS
Aercury		ND(0.120)	0.580	8.00	NS	1.10 J	NS
lickel		16.0	15.0	50.0	NS	15.0	NS
Selenium		ND(1.00) J	0.910 B	ND(1.00) J	NS	0.640 J	NS
Silver		ND(1.00)	ND(1.00)	0.410 B	NS	ND(1.00)	NS
Sulfide		28.0	35.0	70.0	NS	9.50	NS
hallium		ND(1.70) J	ND(1.90)	3.50 J	NS	ND(1.20)	NS
Fin		ND(10.0)	ND(10.0)	41.0	NS	ND(4.60)	NS
/anadium		7.90	47.0	31.0	NS	14.0	NS
line		43.0	96.0	440	NS	98.0 J	NS

Averaging Area:	4B RAA4-H27	4B RAA4-H27	4B RAA4-H29	4B RAA4-H31	4B RAA4-H31
Sample ID:		4-6		1-6	4-6
Sample Depth(Feet): Parameter Date Collected:	1-6 10/18/02	4-6 10/18/02	0-1 05/22/02	06/20/02	06/20/02
Volatile Organics	10/30/02	10/10/02	03/22/02	002002	00/20/02
1.1.1.2-Tetrachloroethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,1,1-Trichloroethane		0.031	ND(0.0060)	NS	ND(0.0056)
1,1,2,2-Tetrachioroethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,1,2,2-TredactionOcutarie	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1.1-Dichloroethane	NS	0.036 J	ND(0.0000)	NS	ND(0.0056)
1,1-Dichlorgethene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2,3-Trichloropropane	NŠ	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,2-Dibromo-3-chloropropane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1.2-Dibromoethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1.2-Dichloroethane	NS	0.024	ND(0.0060)	NS	ND(0.0056)
1,2-Dichloropropane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
1,4-Dioxane	NS	ND(0.13)	ND(0.12) J	NS	ND(0.11) J
2-Butanone	NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
2-Chloro-1,3-butadiene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
2-Chloroethylvinylether	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
2-Hexanone	NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
3-Chloropropene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
4-Methyl-2-pentanone	NŜ	ND(0.013)	ND(0.012)	NS	ND(0.011)
Acetone	NS	ND(0.027)	0.012 J	NS	ND(0.022)
Acetonitrile	NS	ND(0.13)	ND(0.12) J	NŚ	ND(0.11)
Acrolein	NS	ND(0.13) J	ND(0.12) J	NS	ND(0.11) J
Acrylonitrile	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Benzene	NS	ND(0.00670)	ND(0.00600)	NŞ	ND(0.00560)
Bromodichioromethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Bromotorm	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Bromomethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Carbon Disulfide	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Carbon Tetrachloride	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chlorobenzene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chloroethane	NS	ND(0.0067)	ND(0.0060) J	NŚ	ND(0.0056)
Chioroform	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Chioromethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
cis+1,3-Dichtoropropene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dibromochloromethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dibromomethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Dichlorodifluoromethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Ethyl Methacrylate	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Ethylbenzene	NS	ND(0.00670)	ND(0.00600)	NS	ND(0.00560)
lodomethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Isobutanol	NS	ND(0.13)	ND(0.12)	NS	ND(0.11)
Methacrylonitrile	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Methyi Methacrylate	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Methylene Chloride	NŚ	0.12 J	ND(0.0060)	NS	ND(0.0055)
Propionitrite	NS	ND(0.013)	ND(0.012)	NS	ND(0.011)
Styrene	NS	ND(0.00670)	ND(0.00600)	NS	ND(0.00560)
Tetrachioroethene	NS	0.028	ND(0.0060)	NS	ND(0.0056)
Toluene	NS	0.00400 J	ND(0.00500)	NS	ND(0.00560)
trans-1,2-Dichloroethene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
trans-1,3-Dichloropropene	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
trans-1 4-Dichloro-2-butene	NS	ND(0.0067)	ND(0.0050)	NS	ND(0.0056)
Trichloroetnene	NS	0.020	ND(0.0060)	NS	ND(0.0056)
Trichlorofluoromethane	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Vinyl Acetate	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Vinyl Chloride	NS	ND(0.0067)	ND(0.0060)	NS	ND(0.0056)
Xylenes (total)	NS	ND(0.0087)	ND(0.0060)	NS	ND(0.0056)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4B RAA4-H27	4B RAA4-H27	4B RAA4-H29	4B RAA4-H31	4B RAA4-H31
Sample Depth(Feet):	1-6	4-6	0-1	1-6	4-6
Parameter Date Collected:	10/18/02	10/18/02	05/22/02	06/20/02	06/20/02
Semivolatile Organics		****			
1,2.4,5-Tetrachlorobenzene	0.99 J [1.7 J]	NS	0.240 J	ND(0.370)	NS
1,2,4-Trichlorobenzene	3.90 [5.90]	NS	0.780	ND(0.370)	NS
1.2-Dichtorobenzene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1.2-Diphenylhydrazine	ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
1.3.5-Trinitrobenzene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1.3-Dichlorobenzene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
1,3-Dinitrobenzene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
1,4-Dichlorobenzene	0.280 J [0.370 J]	NS	0.0860 J	ND(0.370)	NS
1,4-Naphthoquinone	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
1-Naphthylamine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2,3,4,6-Tetrachlorophenoi	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0 370)	NS
2.4.5-Trichlorophenol	ND(0.440) [ND(0.460)]	NS	ND(0,400)	ND(0.370)	NS
2,4,6-Trichlorophenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NŞ
2,4-Dichloropheno!	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4-Dimethylphenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,4-Dinitrophenol	ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
2,4-Dinitrotoluene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,6-Dichiorophenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2,6-Dinitrotoluene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2-Acetylaminofluorene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Chloronaphthalene	ND(0.440) [ND(0.450)]	NS	ND(0.400)	ND(0.370)	NS
2-Chlorophenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
2-Methylnaphthalene	0.41 J [0.87 J]	NS	ND(0.400)	ND(0.370)	NS
2-Methylphenol	ND(0.440) [0.160 J]	NS	ND(0.400)	ND(0.370)	NS
2-Nephthylamine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Nitroaniline	ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
2-Nitrophenol	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
2-Picoline	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
8&4-Methylphenol	ND(0.900) [0.430 J]	NS	ND(0.800)	ND(0.740)	NS
3,3'-Dichlorobenzidine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
3'-Dimethylbenzidine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
-Methylcholanthrene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND{0.740}	NS
3-Nitroaniline	ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
,6-Dinitro-2-methylphenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Aminobiphenyl	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
I-Bromophenyl-phenylether	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
I-Chloro-3-Methylphenol	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Chloroaniline	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
4-Chlorobenzilate	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
-Chlorophenyl-phenylether	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
	ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
I-Nitrophenol	ND(2.3) J [ND(2.4) J]	NS	ND(2.00)	ND(1.90)	NS
I-Nitroquinoline-1-oxide	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
-Phenylenediamine	ND(0.90) J [ND(0.93) J]	NS	ND(0.80) J	ND(0.74) J	NS
-Nitro-o-toluidine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
1.12-Dimethylbenz(a)anthracene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
,a-Olmethylphenethylamine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0 740)	NS
kcenaphthylene	0.670 [0.840]	NS	ND(0.400)	ND(0.370)	NS
kcenaphinylene	0.39 J [0.95 J]	NS	ND(0.400)	ND(0.370)	NS NS
	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
uniline Intracene	3.70 (4.40)	NS	0.670	ND(0.370)	NS
vanite	1.60 (2.30) ND/A 600) (ND/A 620)	NS	ND(0.400)	ND(0.370)	NS
Vamite Benzidine	ND(0.900) (ND(0.930))	NS	ND(0.800)	ND(0.740)	NS
	ND(0.90) J [ND(8.93) J]	NS	ND(0.80)	ND(0.74) J	NS
Senzo(a)anthracene	3 80 [5.80]	NS	0.180 J	ND(0.370)	NS NS
Benzolajpyrene	3.30 [4.70]	NS	0.210 J	ND(0.370)	<u>NS</u>
enze(b)fluoranthene	4.20 [4 90]	NS	0.240 J	ND(0.360)	NS
Benzo(g,h.i)penylene	1.86 [2.70]	NS	0.230 J	ND(0.379)	N5
lenzo(k)(luoranthene	1.40 [1.90]	NS	0.150 J	ND(0.370)	NS
ienzyl Alcohol	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(9.740)	NS
is(2-Chloroethoxy)methane	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
is(2-Chioroethyi)ether	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
bis(2-Chioroisopropyl)ether	ND(0.440) [ND(0.450)]	NS	ND(0.400)	ND(0.370)	NS

V\GE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and Data\FDI DATA8.xls Table B-1 (A) Page 90 of 197

Averaging Area:	4B	4B	48	48	4B
Sample ID:	RAA4-H27	RAA4-H27	RAA4-H29	RAA4-H31	RAA4-H31
Sample Depth(Feet):	1-6	4-6	0-1	1-6	4-6
Parameter Date Collected:	10/18/02	10/18/02	05/22/02	06/20/02	06/20/02
Semivolatile Organics (continued)					
ols(2-Elhylhexyl)phthalate	0.30 J [7.0 J]	NS	6.70	ND(0.370)	NS
Butyibenzylphthalate	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Chrysene	4.20 [6.40]	NS	0.160 J	ND(0.370)	NS
Diallate	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Dibenzo(a,h)anthracene	0.440 J [0.640]	NS	ND(0.400)	ND(0.370)	NS
Dibenzoluran	0.300 J [0.360 J]	NS	ND(0.400)	ND(0.370)	NS
Diethylphthalate	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Dimethylphthalate	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Di-n-Butylphthalate	ND(0,440) [ND(0.460)]	NŜ	0.510	ND(0.370)	NS
Di-n-Octylphthalate	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Diphenylamine	ND(0.44) [ND(0.46)]	NS	0.21 J	ND(0.37)	NS
Ethyl Methanesulfonate	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Fluoranthene	8.80 [12.0]	NS	0.210 J	ND(0.370)	NŜ
Fluorene	1.1 J [2.1 J]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorobenzene	0.18 J [0.44 J]	NS	0.170 J	ND(0.370)	NS
Hexachlorobuladiene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorocyclopentadiene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachtoroethane	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Hexachlorophene	ND(0.90) J [ND(0.93) J]	NS	ND(0.80)	ND(0.74)	NS
Hexachloropropene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Indeno(1,2,3-cd)pyrana	1.40 [2.10]	NS	0.200 J	ND(0.370)	NS
lsodrin	ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
Isophorone	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Isosafroie	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Methapyrilene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Methyl Methanesulfonate	NO(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Naphthalene	0.490 [0.580]	NS	ND(0.400)	ND(0.370)	NŠ
Nitrobenzene	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodlethylamine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodimethylamine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitroso-di-n-butylamine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
N-Nitroso-di-n-propylamine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosodiphenylamine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosomethylethylamine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
N-Nitrosomorpholine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosopipendine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
N-Nitrosopyrrolidine	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
o.o.o-Triethylphosphorothioate	ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
o-Toluidine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
p-Dimethylaminoazobenzene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	NO(0.740)	NS
Pentachlorobenzene	4.3 J [9.2 J]	NS	1.20	ND(0.370)	NS
Pentachioroethane	ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS
Pentachloronitrobenzene	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Pentachlorophenol	ND(2.30) [ND(2.40)]	NS	ND(2.00)	ND(1.90)	NS
Phenacetin	ND(0.900) [ND(0.930)]	NS	ND(0.800)	ND(0.740)	NS
Phenanthrene	10 J [17 J]	NS	0.170 J	ND(0.370)	NS
Phenol	0.340 J (0.360 J)	NS	0.700	ND(0.370)	NS
Pronamide	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	<u>NS</u>
Pyrene	13.0 [20.0]	NS	6.260 J	ND(0.370)	NS
Pyridine	ND(0.440) [ND(0.460)]	NS	ND(0.400)	ND(0.370)	NS
Safroie	ND(6.446) [ND(0.466)]	NS	ND(0.400)	ND(0.370)	NS
Thionazin	ND(0.44) [ND(0.46)]	NS	ND(0.40)	ND(0.37)	NS

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4B RAA4-H27 1-6 10/18/02	4B RAA4-H27 4-6 10/18/02	4B RAA4-H29 0-1 05/22/02	4B RAA4-H31 1-6 06/20/02	4B RAA4-H31 4-6 06/20/02
Furans					
2,3,7,8-TCDF	0.0094 YEQU [0.0076 YEU]	NS	0.00069	0.00000055 J	NS
TCDFs (total)	0.050 QI [0.045 QI]	NS	0.0064	0.0000026	NS
1,2,3,7,8-PeCDF	0.0021 [0.0019]	NS	0.00063	0.00000020 J	NS
2,3,4,7,8-PeCDF	0.0063 [0.0060]	NS	0.0011	0.00000026 J	NS
PeCDFs (total)	0.056 QI [0.053 QI]	NS	0.0088	0.0000020	N\$
1,2,3,4,7,8-HxCDF	0.0050 [0.0048]	NS	0.0020	ND(0.00000033) X	NS
1,2,3,6,7,8-HxCDF	0.0031 [0.0027]	NS	0.00094	ND(0.00000021) X	NS
1,2,3,7.8,9-HxCDF	0.00086 [0.00079]	NS	0.00027	ND(0.00000023)	NS
2,3,4,6,7,8-HxCDF	0.0054 [0.0056]	NS	0.00046	0.00000012 J	NS
HxCDFs (total)	0.0651[0.069]	NS	0.0077	0.0000076	NS
1.2.3.4.6.7.8-HpCDF	0.0071 [0.0075]	NS	0.0017	0.00000041 J	NS
1,2,3,4,7,8,9-HpCDF	0.0017 [0.0016]	NS	0.00054	ND(0.0000023)	NS
HpCDFs (total)	0.018 [0.019]	NS	0.0037	0.00000041	NS
OCDF	0.0048 [0.0064]	NS	0.0049	0.00000070 J	NS
Dioxins					
2,3,7,8-TCDD	0.000052 [0.000056]	NS	0.0000062	ND(0.00000016)	NS
TCDDs (total)	0.00093 Q [0.00090]	NS	0.000099	ND(0.00000016)	NS
1,2,3,7,8-PeCDD	ND(0.00034) X [ND(0.00038) X]	NS	ND(0.000059) X	ND(0.00000023)	NS
PeCDDs (total)	0.0012 J [0.0026 J]	NS	0.00014	ND(0.00000023)	NS
1,2,3,4,7,8-HxCDD	0.00047 [0.00056]	NS	0.000013 J	ND(0.0000023)	NS
1,2,3,6,7,8-HxCDD	0.00050 [0.00062]	NS	0.000036	ND(0.0000023)	NS
1,2,3,7,8,9-HxCDD	0.00037 [0.00047]	NS	0.000023 J	ND(0.0000023)	NS
HxCDDs (total)	0.0065 [0.0077]	NS	0.00034	ND(0.00000023)	NS
1,2,3,4,6,7,8-HpCDD	0.0036 [0.0044]	NS	0.00071	ND(0.00000038) X	NS
HpCDDs (total)	0.0072 [0.0089]	NŚ	0.0013	0.00000027	NS
OCOD	0.010 [0.012]	NS	0.0049	0.0000022 J	NS
Total TEOs (WHO TEFs)	0.0061 [0.0058]	NS	0.0011	0.00000048	NS
Inorganics					
Antimony	12.0 [16.0]	NŜ	ND(6.00)	ND(6.00)	NS
Arsenic	14.0 [13.0]	NS	9.40	7.70	NS
Barium	240 [200]	NS	36.0	22.0	NS
Beryllíum	ND(0.500) [ND(0.500)]	NS	ND(0.500)	ND(0.500)	NS
Cadmium	3.60 [4.50]	NS	ND(0.500)	ND(0.500) J	NS
Chromium	120 J [53 J]	NS	33.0 J	6.40	NS
Cobalt	23.0 [14.0]	NS	7.70	9.30	NS
Copper	3100 [5000]	NS	19 0 J	24.0	NS
Cyanide	ND(0.270) [0.19 J]	NS	ND(0.120)	ND(0.110)	NS
Lead	1600 [1900]	NS	180	7.70	NS
Mercury	7.40 [6.50]	NS	11.0	ND(0.110)	NS
Nickel	620 (490)	NS	31.0	15.0	NS
Selenium	ND(1.00) [ND(1.00)]	NS	0.590 8	ND(1.00) J	NS
Silver	0.660 B [ND(1.00)]	NS	ND(1.00)	ND(1.00)	NS
Sulfide	53.0 [78.0]	NS	19.0 J	30.0	NS
Thallium	ND(2.0) J [ND(2.1) J]	NŚ	ND(1.80)	ND(1.70) J	NS
Tin	64.0 [77.0]	NS	20.0 J	ND(10.0)	NS
Vanadium	3300 [2600]	NS	34.0	5.60	NS
Zinc	1100 J [1100 J]	NS	360	39.0	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

<u>р</u>	veraging Area:	4B	48	4B	48	4B
6	Sample ID:	RAA4-119	RAA4-119	RAA4-121	RAA4-123	RA4-123
	ble Depth(Feet): Date Collected:	6-15	13-15	0-1 04/22/02	0-1 04/25/02	6-15 04/25/02
	Date Conected.	06/07/02	06/07/02	04/22/02	04/23/02	04/25/02
/olatile Organics		51/73			1 (10)/0.00071	
1,1,1,2-Tetrachloroei		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,1,1-Trichloroethan		NS NS	ND(0.0058)	ND(0.0059)	ND(0.0057) ND(0.0057)	NS NS
1,1,2,2-Tetrachloroe		NS NS	ND(0.0058) ND(0.0058)	ND(0.0059) ND(0.0059)	ND(0.0057)	NS NS
1,1-Dichloroethane		ETROPETOR A STREET WAS ALL AND A STREET AND A	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS NS
1.1-Dichloroethene		NS NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS NS
1,2,3-Trichloropropa	0.0	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dibromo-3-chlor		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dibromoethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dichloroethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,2-Dichloropropane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
1,4-Díoxane		NS	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS
2-Butanone		NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
2-Chloro-1,3-butadie	ne	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
2-Chloroethylvinyleth		NS	ND(0.0058)	ND(0.0059)	ND(0.0057) J	NS
2-Hexanone		NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
3-Chloropropene		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
4-Methyl-2-pentanon	e	NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
Acetone		NS	0.024	ND(0.023)	ND(0.023)	NS
Acetonitrile		NS	ND(0.12)	ND(0.12) J	ND(0.11) J	NS
Acrolein		NS	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS
Acrylonitrile		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Benzene		NS	0.00350 J	ND(0.00590)	ND(0.00570)	NS
Bromodichlorometha	ne	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Bromoform		NŜ	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Bromomethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Carbon Disulfide		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Carbon Tetrachloride	>	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chlorobenzene		NS	3.5	ND(0.0059)	ND(0.0057)	ŃS
Chloroethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chloroform		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Chloromethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
cis-1,3-Dichloroprop		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dibromochlorometha	ine	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dibromomethane		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Dichlorodifluorometh	ane	NS	ND(0.0058)	ND(0.0059)	ND(0.0057) J	NS
Ethyl Methacrylate		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Ethylbenzene Iodomethane		NS	0.0120 ND(0.0058)	ND(0.00590)	ND(0.00570)	NS
Isobutanoi		NS NS	ND(0.0038)	ND(0.0059) ND(0.12) J	ND(0.0057) ND(0.11)	NS
Methacrylonitrile		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS NS
Methyl Methacrylate		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Methylene Chloride		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Propionitrile		NS	ND(0.012)	ND(0.012)	ND(0.011)	NS
Styrene		NS	ND(0.00580)	ND(0.00590)	ND(0.00570)	NS NS
Etrachioroethene		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS NS
oluene		NS	ND(0.00580)	ND(0.00590)	ND(0.00570)	NS
rans-1,2-Dichloroeth	ene	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
rans-1,3-Dichloropre		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
rans-1,4-Dichloro-2-		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
richloroethene		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Trichlorofluorometha	ne	NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
/inyl Acetate		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Vinyl Chloride		NS	ND(0.0058)	ND(0.0059)	ND(0.0057)	NS
Xylenes (total)	•	NS	0.11	ND(0.0059)	0.020	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:		48	4B	48	4B
Sample ID:		RAA4-119	RAA4-121	RAA4-123	RAA4-123
Sample Depth(Feet): Parameter Date Collected:		13-15 06/07/02	0-1 04/22/02	0-1 04/25/02	6-15
Parameter Date Collected: Semivolatile Organics	00/01/02	00/07/02	04122/02	04/25/02	04/25/02
1.2.4.5-Tetrachlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,2,4-Trichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1.2-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,2-Diphenyihydrazine	ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
1,3,5-Trinitrobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,3-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,3-Dinitrobenzene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
1,4-Dichlorobenzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
1,4-Naphthoquinone	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
1-Naphthylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2.3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol	ND(0.370) ND(0.370)	NS NS	ND(0.820) ND(0.820)	ND(0.490) ND(0.490)	ND(4.20) [ND(7.30)] ND(4.20) [ND(7.30)]
2,4,6-Trichlorophenai	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dimethylphenol	ND(0.37D)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,4-Dinitrophenol	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
2,4-Dinitrotoluene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,6-Dichlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
2,6-Dinitrotoluene	ND(0.370)	NS	ND(0.820)	ND(0.49) J	ND(4.2) J [ND(7.3) J]
2-Acetylaminofluorene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Chloronaphthalene 2-Chlorophenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	12.0 [21.0]
2-Uniorophenoi 2-Methvinaphthalene	ND(0.370) 1,70	NS NS	ND(0.820) ND(0.820)	ND(0.490) ND(0.490)	ND(4.20) [ND(7.30)] ND(4.20) [ND(7.30)]
2-Methylphenol	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)] ND(4.20) [4.90 J]
2-Naphthylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Nitroaniline	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
2-Nitrophenol	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
2-Picoline	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
3&4-Methylphenol	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
3,3'-Dichlorobenzidine	ND(0.740)	NS	ND(1.60)	ND(0.980)	ND(8.40) [ND(14.0)]
3.3'-Dimethylbenzidine	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
3-Methylcholanthrene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
3-Nitroanitine	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) {ND(36.0)}
4,6-Dinitro-2-methylphenol 4-Aminobiohenyl	ND(0.370) ND(0.740)	NS NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Bromophenyl-phenylether	ND(0.370)	NS NS	ND(0.820) ND(0.820)	ND(0.760) ND(0.490)	ND(4.20) [ND(7.30)] ND(4.20) [ND(7.30)]
4-Chloro-3-Methylphenol	ND(0.370)	NŠ	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Chloroaniline	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Chlorobenzilate	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
4-Chiorophenyl-phenylether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
4-Nitroaniline	ND(1.9) J	NS	ND(2.00)	ND(1.90)	ND(4.20) [ND(7.30)]
4-Nitrophenol	ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
4-Nitroquinoline-1-oxide	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
4-Phenylenediamine	ND(0.74) J	NS	ND(0.82) J	ND(0.76) J	ND(4.2) J [ND(7.3) J]
5-Nitro-o-toluidine 7,12-Dimethylbonz(a)anthracene	ND(0.740) ND(0.740)	NS NS	ND(0.820) ND(0.820)	ND(0.760) ND(0.760)	ND(4.20) [ND(7.30)]
a,a'-Dimethylphenethylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)] ND(4.20) [ND(7.30)]
Acenaphthene	2.60	NS	ND(0.820)	ND(0.490)	2.10 J [2.80 J]
Acenaphthylene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Acetophenone	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [2.00 J]
Aniëne	ND(0.370)	NS	ND(0.820)	ND(0.490)	8.70 [13.0]
Anthracene	1.50	NS	ND(0.820)	0.120 J	0.880 J [ND(7.30)]
Aramite	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Benzidine	ND(0.74) J	NS	ND(1.6)	ND(0.98)	ND(8.4) [ND(14)]
Benzo(a)anthracene	0.650	NS	0,190 J	0.610	ND(4 20) [1 60 J]
Benzo(a)pyrene	0.500	NS NS	ND(0.820)	0.640	ND(4 20) [ND(7,30)]
Senzc(b)fluoranthene Benzc(g,h,i)oerviene	0.220 J ND(0.370)	NS NS	ND(0.820) ND(0.820)	0.490 J 0.440 J	ND(4.20) [ND(7.30)]
Benzo(k)fluoranthene	0.290 J	NS	ND(0.820)	0.4400	ND(4.20) (ND(7.30)] ND(4.20) [ND(7.30)]
Benzyi Alcohol	ND(9.740)	NS	ND(1.60)	ND(0.980)	ND(4.20) [ND(7-30)] ND(8.40) [ND(14.0))
bis(2-Chloroethoxy)methane	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) (ND(7.30))
b/s(2-Chloroethyl)ether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
bis(2-Chioroisopropyi)ether	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]

VirGE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and DataVPDFDATA8 xis Table 8-1 (A) Page 94 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4B RAA4-I19	4B RAA4-119	4B RAA4-121	4B RAA4-123	4B RAA4-123
	Sample Depth(Feet):	6-15	13-15	0-1	0-1	6+15
arameter	Date Collected:	06/07/02	06/07/02	04/22/02	04/25/02	04/25/02
Semivolatile	Organics (continued)					
ois(2-Ethylhe	xyl)phthalate	ND(0.360)	NS	ND(0.410)	ND(0.370)	ND(2.10) [17.0]
Butylbenzylpl	nthalate	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Chrysene		0.580	NS	0.220 J	0.620	ND(4.20) [ND(7.30)]
Diallate		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Dibenzo(a,h)	anthracene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) (ND(7.30)]
Dibenzofuran		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Diethylphthal		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Dimethylphth	alate	ND(0.370)	NS	ND(0.820)	ND(0,490)	ND(4.20) [ND(7.30)]
Di-n-Butylpht	nalate	ND(0.370)	NS	0.340 J	0.620	ND(4.20) [ND(7.30)]
Di-n-Octyloht	halate	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Diphenylamir	e	ND(0.37)	NS	ND(0.82)	ND(0.49)	6.3 [13]
Ethyl Methan	esulfonate	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
luoranthene		1.90	NS	0.400 J	1.30	1.60 J [3.30 J]
luorene		1.40	NS	ND(0.820)	ND(0.490)	1.30 J [1.80 J]
+exachlorob	enzene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
lexachiorob	Itadiene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Hexachtorocy	clopentadiene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
lexachloroel	hane	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
lexachloropl	nene	ND(0.74)	NS	ND(1.6)	ND(0.98)	ND(8.4) [ND(14)]
lexachioropi	opene	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
ndeno(1,2,3-	cd)pyrene	ND(0.370)	NS	ND(0.820)	0.380 J	ND(4.20) [ND(7.30)]
sodrin		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
sophorone		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
sosafrole		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Aethapyrilen	9	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Methyl Metha	nesulfonate	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Vaphthalene		0.220 J	NS	ND(0.820)	ND(0.490)	ND(4.20) [1.60 J]
Vitrobenzene		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosodiet	hylamine	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
N-Nitrosodim	······································	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
	1-butylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
	n-propylamine	ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
V-Nitrosodip	and the second se	ND(0.370)	NS	ND(0.820)	ND(0,490)	ND(4.20) [ND(7.30)]
	hylethylamine	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
V-Nitrosomo		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
V-Nitrosopip		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
V-Nitrosopyr		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
	phosphorothioate	ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
-Toluidine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Dimethylan	ninoazobenzene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
Pentachlorot		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Pentachloroe		ND(0.37)	NS	ND(0.82)	ND(0.49)	ND(4.2) [ND(7.3)]
	itrobenzene	ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
entachloror		ND(1.90)	NS	ND(4.10)	ND(2.40)	ND(21.0) [ND(36.0)]
henacetin		ND(0.740)	NS	ND(0.820)	ND(0.760)	ND(4.20) [ND(7.30)]
henanthren	e	3.90	NS	0.200 J	0.480 J	ND(4.20) [3.90 J]
Phenol		ND(0.370)	NS	ND(0.820)	ND(0.490)	12.0 [40.0]
Pronamide		ND(0.370)	NS	ND(0,820)	ND(0.490)	ND(4.20) [ND(7.36)]
yrene		2.00	NS	0.500 J	1.10	1.80 J [ND(7.30)]
Pyridine		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) (ND(7.30)]
Safrole		ND(0.370)	NS	ND(0.820)	ND(0.490)	ND(4.20) [ND(7.30)]
Thionazin	····	ND(0.37)	NS	ND(0.32)	ND(0.49)	ND(4.2) [ND(7.3)]

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Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4B RAA4-119 6-15 06/07/02	48 RAA4-i19 13-15 06/07/02	4B RAA4-121 0-1 04/22/02	4B RAA4-123 0-1 04/25/02	4B RAA4-123 6-15 04/25/02
Furans						
2.3.7.8-TCDF		NS	NŜ	0.000056 Y	0.0010 Y	0.000046 Y [0.000057 Y]
TCDFs (total)	1	NS	NS	0.00054 QX	0.013	0.00080 EJ (0.00094 EJI
1,2.3.7.8-PeC	DF	NS	NS	0.000022 J	0.00052	ND(0.0000054) [ND(0.0000045)]
2,3,4,7,8-PeC	DF	NS	NS	0.000061 Q	0.00062	ND(0.000034) X [0.000034]
PeCDFs (tota	d)	NS	NS	0.0016 OX	0.0049EJ	0.00084 [0.00082]
1,2,3,4,7,8-H;		NS	NS	0.000064	0.00072	0.000099 [0.00011]
1.2,3,6,7,8-H	XCDF	NS	NS	0.000060	0.00032	0.000041 [0 000052]
1,2,3,7,8,9-H	xCDF	NS	NS	ND(0.000010) X	ND(0.000062) X	ND(0.000044) X [ND(0.000064] X]
2,3,4,6,7,8-H	xCDF	NS	NS	0.00011	0.00033	0.000057 [0.000059]
HxCDFs (tota	d)	NS	NS	0.00087 X	0.0045	0.0011 [0.0012]
1,2,3,4,6,7,8-	HpCDF	NS	NS	0.00012	0.00045	0.00015 (0.00014)
1,2,3,4,7,8,9-	HpCDF	NS	NS	0 000013	0.000081	0.000032 [ND(0.000032) X]
HpCDFs (tota	1])	NS	NS	0.00028	0.00095	0.00035 [0.00030]
OCDF		NS	NS	0.000052	0.00028	0.00023 [0.00020]
Dioxins						<u> </u>
2,3,7,8-TCDD)	NS	NS	ND(0.0000015) X	0.0000053	ND(0.0000042) [ND(0.0000033)]
TCDDs (total))	NS	NS	0.0000039 Q	0.000033	0.000019 [ND(0.000027) X]
1,2,3,7,8-PeC	00	NS	NS	0.0000027 J	ND(0.0000068) X	ND(0.0000075) [ND(0.0000058)]
PeCDDs (tota	ə1)	NS	NS	0.0000027 Q	0.0000076	6.4e-006 [ND(0.000034) XJ]
1,2,3,4,7,8-H	xCDD	NS	NS	ND(0.0000020) X	ND(0.0000039) X	ND(0.000015) [ND(0.000010)]
1,2,3,6,7,8-H	xCDD	NS	NS	0.0000048 J	0.0000095	ND(0.0000079) X [ND(0.000011)]
1,2,3,7,8,9-H	×CDD	NS	NS	ND(0.0000039) X	0.0000068	ND(0.000015) [ND(0.000010)]
HxCDDs (tota	al)	NS	NS	0.0000048	0.000024	0.000021 J [0.000039 J]
1,2,3,4,6,7,8-	HpCDD	NS	NS	0.000046	0.000074	0.000066 [0.000074]
HpCDDs (tota	ai)	NS	NS	0.000092	0.00015	0.00013 [0.00015]
OCDD		NS	NS	0.00027	0.00025	0.00049 [0.00059]
Total TEQs (V	NHO TEFs)	NS	NS	0.000067	0.00059	0.000045 [0.000057]
Inorganics						
Antimony		NS	NS	6,70	1.60 J	1.50 J [1.70 J]
Arsenic		NS	NS	6.50	8.20 J	3.80 J [7.90 J]
Barium		NS	NS	40.0	57.0 J	36.0 J [44.0 J]
Beryllium		NS	NS	ND(0.500)	ND(0.500)	ND(0.500) [0.180 B]
Cadmium		NS	NS	0.740	0.620	0.840 [0.870]
Chromium		NS	NS	19.0	15.0	78.0 [9.60]
Cobait		NS	NS	9.00	8.00	7.60 [ND(5.00)]
Copper		NS	NS	80.0	58.0	58.0 [140]
Cyanide		NS	NS	0.120	0.130 J	0.390 J [0.580 J]
Lead		NS	NS	48.0	42.0 J	360 J [74.0 J]
Mercury		NS	NS	0.340 J	0.220	19.0 [62.0]
Nickel		NS	NS	19.0	16.0 J	27.0 J [14.0 J]
Seleníum		NS	NS	ND(1.00)	ND(1.00) J	ND(1.00) J [ND(1.00) J]
Silver		NS	NS	0.470 B	0.830 B	42.0 [3.40]
Sulfide		NS	NS	21.0	42.0	580 [400]
Thallium		NS	NS	ND(1.20) J	ND(1.10) J	ND(1.20) J [ND(1.30) J]
Tin		NS	NS	ND(10.0)	ND(10.0)	ND(10.0) [ND(16.0)]
Vaлабіum		NS	NS	13.0	10.0 J	8.70 J [8.40 J]
Zinc		NS	NS	260	98.0 J	260 J [130 J]

	Averaging Area:	4B	4B RAA4-125	4B RAA4-125	4B RAA4-K19	4B RAA4-K19
	Sample ID:	RAA4-123		1		6-15
arameter	Sample Depth(Feet): Date Collected:	10-12 04/25/02	0-1 06/03/02	8-10 06/03/02	0-1 06/13/02	06/13/02
olatile Org		04020702	0000101	00/03/02	00/15/02	00/10/02
		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1.1-Trichior	chioroethane	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
	chioroethane	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1.2 Trichlor		ND(0.0063) [ND(0.0064)]	ND(0.0050)	ND(0.030)	ND(9.0056)	NS
1.1-Dichloroe		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1 Dichloroe		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1.2.3-Trichlor		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
	3-chioropropane	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
1.2-Dibromoe		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Dichloroe		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Dichlorop		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
4-Dioxane		ND(0.12) J [ND(0.13) J]	ND(0,12) J	ND(0.30) J	ND(0.11) J	NS
2-Butanone		0.052 [ND(0.013)]	ND(0.012)	ND(0.030)	ND(0.011)	NS
2-Chloro-1,3-	butadiene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Chloroetny		ND(0.0063) J [ND(0.0064) J]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
2-Hexanone		ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.060)	ND(0.011)	NS
3-Chloroprop	ene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
4-Methyl-2-p	entanone	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.060)	ND(0.011)	NS
Acetone		0.13 [ND(0.026)]	0.015 J	0 094	ND(0.022) J	NS
Acetonitrile		ND(0.12) J [ND(0.13) J]	ND(0.12) J	ND(0.60) J	ND(0.11)	NS
Acrolein		ND(0.12) J [ND(0.13) J]	ND(0.12) J	ND(0.60) J	ND(0.11) J	NS
Acrylonitrile		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Benzene		0.0160 [ND(0.00640)]	ND(0.00600)	0.340	ND(0.00560)	NS
Bromodichlo	romethane	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Bromoform		ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Bromometha		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Carbon Disul		0.0048 J [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Carbon Tetra		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Chlorobenze		10 [ND(0.0064)]	ND(0.0060)	11	ND(0.0056)	NS
Chloroethane	<u>}</u>	ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Chloroform		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Chlorometha		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
cis-1,3-Dichk	in the second	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Dibromochlo		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS NS
Dibromomell Dichlorodifiu		ND(0.0063) [ND(0.0064)] ND(0.0063) J [ND(0.0064) J]	ND(0.0060) ND(0.0060)	ND(0.030) ND(0.030)	ND(0.0056) ND(0.0056)	NS
Ethyl Methac		ND(0.0063) J [ND(0.0064) J ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Ethylbenzen		0.0150 [ND(0.00640)]	ND(0.00600)	0.0470	ND(0.00560)	NS
odomethane		ND(0.0063) [ND(0.0064)]	ND(0.00600)	ND(0.030)	ND(0.0056)	NS
sobutanoi		ND(0.12) [ND(0.13)]	ND(0.12)	ND(0.60)	ND(0.11)	NS
Jethacryloni	hila	ND(0.0063) [ND(0.0064)]	ND(0.0060) J	ND(0.030) J	ND(0.0056)	NS
Aethyl Metha		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Aethylene C		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS NS
Propionitrile		ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.030)	ND(0.011)	NS
Styrene		ND(0.00630) [ND(0.00540)]	ND(0.00600)	ND(0.0300)	ND(0.00560)	NS
etrachioroe	thene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
aluene		ND(0.00630) [ND(0.00640)]	ND(0.00600)	ND(0.0300)	NC(0.00560)	NS
	hloroethene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
	hioropropene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
	hloro-2-butene	ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Inchloroethe		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	0.0050 J	NS
Trich:orofluo		ND(0.0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
/inyl Acetate		ND(0 0063) [ND(0 0064)]	ND(0.0060)	ND(0.030)	ND(0.0056) J	NS
Vinyi Chlorid		ND(0 0063) [ND(0.0064)]	ND(0.0060)	ND(0.030)	ND(0.0056)	NS
Xvienes (tota		0.043 [ND(0.0064)]	ND(0.0066)	15	ND(0.0056)	NS

Averaging Area: Sample ID: Sample Depth(Feet):	48 RAA4-123 10-12	4B RAA4-125 0-1	4B RAA4-125 8-10	4B RAA4-K19 0-1	4B RAA4-K19 6-15
Parameter Date Collected:	04/25/02	06/03/02	06/03/02	06/13/02	06/13/02
Semivolatile Organics	V-7/4-0/04	000000	000002	001000	UDITORE
	ыé	0.500.1	L NC 1	ND(0.070)	
1,2,4,5-Tetrachiorobenzene	NS NS	0.500 J	NS NS	ND(0.370)	ND(0.410)
.2.4-Trichlorobenzene		1.30	I NS	0.170 J	ND(0.410)
,2-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
.2-Diphenylhydrazine	NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
3.5-Trinitrobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
.3-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
,3-Dinitrobenzene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
,4-Dichlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
,4-Naphthoquinone	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
-Naphthylamine	NS	ND(0.960)	NS	ND(0,750)	ND(0.820)
.3.4.6-Tetrachlorophenol	NS	ND(0.960)	NS I	ND(0.370)	ND(0.410)
4.5-Trichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4,6-Trichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
,4-Dichlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
A-Dimethylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
4-Dinitrophenol	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
,4-Dinitrotoluene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
6-Dichlorophenol	NS NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
	NS NS				
2,6-Dinitrotoluene		ND(0.950)	NS	ND(0.370)	ND(0,410)
2-Acetylaminofluorene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
-Chloronaphthaiene	NS	0.310 J	NS	ND(0.370)	ND(0.410)
-Chlorophenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Methylnaphthalene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
2-Methylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
-Naphthylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
-Nitroaniline	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
-Nitrophenol	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Picoline	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
3&4-Methylphenol	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
3.3'-Dichlorobenzidine	NS	ND(1.90)	NS	ND(0.750)	ND(0.820)
3.3'-Dimethylbenzidine	NS	NO(0.960)	NS	ND(0.370)	ND(0.410)
-Methylcholanthrene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
3-Nitroaniline	NS	ND(4,80)	NS	ND(1.90)	ND(2.10)
	NS				
4.6-Dinitro-2-methylphenol	NS NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
I-Aminobiphenyl		ND(0.960)	NS	ND(0.750)	ND(0.820)
-Bromophenyl-phenylether	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
I-Chioro-3-Methylphenol	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
I-Chloroaniline	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
-Chlorobenzilate	NS	ND(0.960)	NS	0.440 J	ND(0.820)
-Chlorophenyl-phenylether	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
-Nitroaniline	NS	ND(2.00)	NS	ND(1.90)	ND(2.10)
-Nitrophenol	NS	ND(4.80)	NS	ND(1.90)	ND(2.10)
-Nitroquinoline-1-oxide	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
-Phenylenediamine	NS	0.96 J	NS	ND(0.75) J	ND(0.82) J
Nitro-o-toluidine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
,12-Dimethylbenz(a)anthracene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
i,a'-Dimethylphenelhylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Acenaphthene	NS	ND(0.960)	NS NS	ND(0.370)	ND(0.410)
Acenaphthylene	NS	ND(0.960)	NS NS	ND(0.370)	
Acetophenone	NS NS		NS		ND(0.410)
		ND(0.960)		ND(0.370)	ND(0.410)
Aniline	NS	11.0	NS	2.90	ND(0.410)
withracene	NŠ	ND(0.960)	NS	ND(0.370)	ND(0.410)
vramite	NS	ND(0.960)	NS	ND(0 750)	ND(0.820)
Benzidine	NS	ND(1.9)	NS	ND(0.75)	ND(0.82)
lenzo(a)anthracene	NS	ND(0.960)	NS	0 1 1 0 J	ND(0,410)
Benzo(a)pyrene	NS	ND(0.960)	NS	0.220 J	ND(0.410)
Benzo(b)fluoranthene	NS	ND(0.960)	NS	0.290 J	ND(0.410)
Benzo(g.h.i)perylene	NS	ND(0.960)	NS	0.240 J	ND(0.410)
Benzo(k)fluorantheno	NS	ND(0.960)	NS	0.180 J	ND(0.410)
Benzyl Alcohol	NS	1.9 J	NS	ND(0.750)	ND(0.820)
is(2-Chloroethoxy)methane	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
	NS	ND(0.960)	NS 1	ND(0.370) ND(0.370)	and the second s
pis(2-Chloroethyl)ether	NS	ND(0.960)	NS NS	ND(0.370)	ND(0.410)

Averaging Area:	4B	4B	4B	48	4B
Sample ID:	RAA4-123	RAA4-125	RAA4-125	RAA4-K19	RAA4-K19
Sample Depth(Feet):	10-12	0-1	8-10	0-1	6-15
Parameter Date Collected:	04/25/02	06/03/02	06/03/02	06/13/02	06/13/02
Semivolatile Organics (continued)					
ois(2-Ethylhexyl)phthalate	NS	0.930	NS	ND(0.370)	ND(0.400)
Butylbenzylphthalate	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Chrysene	NS	ND(0.960)	NS	0.250 J	ND(0.410)
Diallate	N\$	ND(0.960)	NS	ND(0.750)	ND(0.820)
Dibenzo(a,h)anthracene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Dibenzofuran	NS	ND(0.96C)	NS	ND(0.370)	ND(0,410)
Diethylphthalate	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Dimethylphthalate	NS	0.610 J	NS	ND(0.370)	ND(0.410)
Di-n-Butylphthalate	NS	1.80	NS	ND(0.370)	ND(0.410)
Di-n-Octylphthalate	NS	ND(0.960)	<u>NS</u>	ND(0.370)	ND(0.410)
Diphenylamine	NS	1.1	NS	ND(0.37)	ND(0.41)
Ethyl Methanesulfonate	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Fluoranthene	NS	0.510 J	NS	0.170 J	ND(0.410)
Fluorene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
lexachlorobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
lexachlorobutadiene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Hexachlorocyclopentadiene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
lexachloroethane	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
lexachlorophene	NS	ND(1.9)	NS	ND(0.75)	ND(0.82)
texachloropropene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
ndeno(1,2,3-cd)pyrene	NS	ND(0.960)	NS	0.180 J	ND(0.410)
sodrin	NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
sophorone	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
sosafrole	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Methapyrilene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Methyl Methanesulfonate	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Naphthalene	NS	ND(0.960)	NS	0.0980 J	ND(0.410)
Nitrobenzene	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodiethylamine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodimethylamine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitroso-di-n-butylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
N-Nitroso-di-n-propylamine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosodiphenylamine	NS	1.60	NS	ND(0.370)	ND(0.410)
N-Nitrosomethylethylamine	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
N-Nitrosomorpholine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosopiperidine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
N-Nitrosopyrrolidine	NS	ND(0.960)	NS	ND(0.750}	ND(0.820)
o.o.o-Triethylphosphorothioate	NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
p-Toluidine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
o-Dimethylaminoazobenzene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Pentachlorobenzene	NS	1.80	NS	ND(0.370)	ND(0.410)
Pentachloroethane	NS	ND(0.96)	NS	ND(0.37)	ND(0.41)
Pentachloronitrobenzene	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Pentachlorophenol	NS	ND(4.80)	NS	ND(1.90)	ND(2,10)
Phenacetin	NS	ND(0.960)	NS	ND(0.750)	ND(0.820)
Phenanthrene	NS	ND(0.960)	NS	0.170 J	ND(0.410)
Phenol	NS	4.30	NS	0.0970 J	ND(0.410)
Pronamide	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Pyrene	NS	ND(C.960)	NS	0.580	ND(0.410)
Pyridine	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Safrole	NS	ND(0.960)	NS	ND(0.370)	ND(0.410)
Thionazin	NS	ND(0.95)	NS	ND(0.37)	ND(0.41)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4B RAA4-123 10-12 04/25/02	4B RAA4-125 0-1 06/03/02	4B RAA4-125 8-10 96/03/02	48 RAA4-K19 0-1 06/13/02	4B RAA4-K19 6-15 06/13/02
Furans					
2,3,7,8-TCDF	NS	0.00010 Y	NS	0.00031 Y	0.0000013 Y
TCDFs (total)	NS	0.000821	NS	0.00331	0.000021
1,2,3,7,8-PeCDF	NS	0.00010	NS	0.00018	0.00000092 J
2,3,4,7,8-PeCDF	NS	0.00014	NS	0.00044	0.0000018 J
PeCDFs (total)	NS	0.00151	NS	0.0060 Qł	0.000017
1,2,3,4,7,8-HxCDF	NS	0.00028	NS	0 00038	0.0000016 J
1,2,3,6,7,8-HxCDF	NS	0.000096	NS	0.00024 (0.0000011 J
1,2,3,7,8,9-HxCDF	NS	0.000034	NS	0.000063	0.00000025 J
2,3.4,6,7,8-HxCDF	NS	0.00013	NS	0.00035	0.00000098 J
HxCDFs (total)	NS	0.00201	NS	0.0049 l	0.000011
1,2.3,4,6.7,8-HpCDF	NS	0.00033	NS	0.00051	0.0000024 J
1,2,3,4,7,8,9-HpCDF	NS	0.000094	NS	0.000098	0.00000036 J
HpCDFs (total)	NS	0.00093	NS	0.0010	0.0000035
OCDF	NS	0.0011	NS	0.00029	0.0000013 J
Dioxins					
2,3,7,8-TCDD	NS	0.0000013	NS	0.0000052	ND(0.00000014)
TCDDs (total)	NS	0.000016	NS	0.000089	0.00000014
1,2,3,7,8-PeCDD	NS	ND(0.000032) X	NS	ND(0.000038) X	ND(0.00000024) X
PeCDDs (total)	NS	ND(0.000021)	NS	0.00014	0.0000030
1,2,3,4,7,8-HxCDD	NS	0.0000050	NS	0.000018	0.00000011 J
1,2,3,6,7,8-HxCDD	NS	0.000025	NS	0.000033	0.00000019 J
1,2,3,7,8,9-HxCDD	NS	0.0000086	NS	0.000028	0.00000015 J
HxCDOs (total)	NS	0.00014	NS	0.00028	0.00000045
1,2,3,4,6,7,8-HpCDD	NS	0.00027	NS	0.00012	0.00000062 J
HpCDDs (total)	NS	0.00048	NS	0.00023	0.0000012
OCDD	NS	0.0021	NS	0.00032	0.0000018 J
Total TEQs (WHO TEFs)	NS	0.00017	NS	0.00040	0.0000017
Inorganics	********				
Antimony	NS	ND(6.00)	NS	11.0	ND(6.00)
Arsenic	NS	19.0	NS	21.0	2.30
Banum	NS	44.0	NS	220	30.0
Bervillium	NS	ND(0.500)	NS	ND(0.500)	ND(0.500)
Cadmium	NS	0.940	NS	5.20	ND(0.500)
Chromium	NŜ	44.0	NS	36.0	7.80
Cobalt	NS	8.10	NS	7.00	7.00
Copper	NS	210	NS	1200	8.90
Cyanide	NS	ND(0.240)	NS	ND(0 220)	ND(0.120)
Lead	NS	120	NS	2000	6.40
Mercury	NS	1.20	NS	5.00 J	ND(0.120) J
Nickel	NS	46.0	NS	65.0	11.0
Selenium	NS	0.700 B	NS	ND(1.00) J	ND(1.00) J
Silver	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	NS	15.0	NS	230	59.0
Thallium	NS	ND(1.20)	NS	2.50 J	1.10 J
Tin	NS	13.0	NS	100	ND(3.80)
Vanadium	NS	24.0	NS	11.0	8.40
Zinc	NS	240	NS	1400	40.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	48 RAA4-K19	48 RAA4-K21	4B RAA4-K23	4B RAA4-K23	4B RAA4-K25	4B X-16
	Sample Depth(Feet):	13-15	1.6	0-1	1-6	0-1	6-15
arameter	Date Collected:	06/13/02	06/03/02	04/25/02	04/25/02	06/03/02	01/31/01
olatile Orga	anics						
,1,1,2-Tetra	chloroethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
.t.1-Trichlor	oethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
,1,2,2-Tetra	chloroethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1,2-Trichlor	roethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,1-Dichloroe	thane	ND(0.0061)	NŞ	ND(0.0054)	NS	ND(0.0053)	NS
1,1-Dichloroe	lhene	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
1,2,3-Trichior	ropropane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
.2-Dibromo-	3-chloropropane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
.2-Dibromoe	ethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
.2-Dichloroe	athane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
,2-Dichiorop	ropane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
.4-Dioxane		ND(0.12) J	NS	ND(0.11) J	NS	ND(0.10) J	NS
-Butanone		ND(0.012)	NS	ND(0.011)	NŜ	ND(0.010)	NS
-Chloro-1,3-	outadiene	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
2-Chloroethy		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
2-Hexanone	· · · · · · · · · · · · · · · · · · ·	ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
-Chloroprop	ene	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
-Methyl-2-pr		ND(0.012)	NS	ND(0.011)	NS	ND(0.010)	NS
Acetone		0.060 J	NS	0.021 J	NS	ND(0.021)	NS
Acetonitrile		ND(0.12)	NS	ND(0.11) J	NS	ND(0.10) J	NS
Acrolein		ND(0.12) J	NS	ND(0,11) J	NS	ND(0.10) J	NS
Acrylonitrile	· · · · · ·	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Benzane		ND(0.00610)	NS	ND(0.00540)	NS	ND(0.00530)	NS
Bromodichlor	omethane	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Bromotorm		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053) J	NS
Bromometha	ne	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Carbon Disul		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Carbon Tetra		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Chlorobenzei		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
Chioroethane		ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053) J	NS
Chioraform		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Chiorometha	<u></u>	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
sis-1.3-Dichl		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dibromochio		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dibromometh		ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS
Dichlorodiflu	and the second se	ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053)	NS
Ethyl Methac		ND(0.0061)	NS	ND(0.0054)	NS NS	ND(0.0053)	NS
Ethylbenzen		ND(0.00610)	NS NS	ND(0.00540)	NS	ND(0.00530)	NS
odomethane		ND(0.0061)	NS	ND(0.0054)	NS NS	ND(0.0053)	NS
sobutanoi		ND(0.12)	NS	ND(0.11)	NS	ND(0.10)	NS
Vethacryloni	trilo	ND(0.0061)	NS	ND(0.0054) J	NS	ND(0.0053) J	NS
vietnacryloni viethvi Metha		ND(0.0061)	NS NS	ND(0.0054) J	NS NS	ND(0.0053) 3	NS
vietnyi wietna viethylene C		0.0041 J	NS	ND(0.0054)	NS	ND(0.0053)	NS
Propionitrile		ND(0.012)	NS NS	ND(0.0034)	NS	ND(0.00033)	NS
Styrene		ND(0.00610)	NS NS	ND(0.00540)	NS NS	ND(0.00530)	NS NS
Fetrachioroe	thene	ND(0.0061)	NS	ND(0.0054)	NS NS	ND(0.00530)	NS
oluene	u 101 10	0.0069 J	NS	ND(0.00540)	NS	ND(0.00530)	NS NS
	hloroethene	ND(0.0061)	NS NS	ND(0.0054)	NS NS	ND(0.00530)	NS
		ND(0.0061)	NS NS	ND(0.0054)	NS NS	ND(0.0053)	NS NS
	hioropropene	ND(0.0061) ND(0.0061)	· · · · · · · · · · · · · · · · · · ·	ND(0.0054)	······································		
	hioro-2-butene		NS		NS NC	ND(0.0053)	NS NC
Trichloroethe	and all a second all a second all a second all a second all as second all as second all as second all as second	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS NC
Trichlorofluor		ND(0.0061)	NS	ND(0.0054)	NS NS	ND(0.0053)	NS
Vinyl Acetate		ND(0.0061) J	NS	ND(0.6054)	NS	ND(0.0053)	NS
Vinyl Chlorid	e i	ND(0.0061)	NS	ND(0.0054)	NS	ND(0.0053)	NS

Averaging Area: Sample ID: Sample Danth/Factive	48 RAA4-K19	4B RAA4-K21	4B RAA4-K23	4B RAA4-K23	4B RAA4-K25	4B X-16
Sample Depth(Feet): Parameter Date Collected:	13-15 06/13/02	1-6 06/03/02	0-1 04/25/02	1-6 04/25/02	0+1 06/03/02	6-15
Semivolatile Organics	00/15/04	UUIUSIUZ	04/25/02	04/25/92	00/03/02	01/31/01
1.2.4.5-Tetrachlorobenzene	NS	NS	ND(0.500)	NS I	ND(0.810)	Γικο
1.2.4-Trichlorobenzene	NS NS	NS	0.140 J	NS	ND(0.810)	NS NS
1,2-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS NS
1,2-Diphenylhydrazine	NS	NS	ND(0.50)	NS	ND(0.81)	NS
1,3,5-Trinitrobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
I,3-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
1,3-Dinitrobenzene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
,4-Dichlorobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
,4-Naphthoquinone	NS	NS	ND(0.720)	NS	ND(0.810)	NS
-Naphthylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2,3,4,6-Tetrachlorophenoi	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4.5 Trichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4,6-Trichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
I,4-Dichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2,4-Dimethylphenol 2,4-Dinitrophenol	NS NS	NS NS	ND(0.500)	NS	ND(0.810)	NS
4-Dinitrotoluene	NS NS	NS	ND(2.50) ND(0.500)	NS NS	ND(4.10) ND(0.810)	NS NS
2,6-Dichlorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS NS
.6-Dinitrotoluene	NS	NS	ND(0.50) J	NS NS	ND(0.810)	NS
-Acetylaminofluorene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2-Chloronaphthalene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Chiorophenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Methyinaphthalene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
2-Methylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
-Naphthylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
-Nitroaniline	NS	N\$	ND(2.50)	NS	ND(4.10)	NS
2-Nitrophenol	NS	NS	ND(0.720)	NS	ND(0.810)	NS
2-Picoline	NS	NS	ND(0.500)	NS	ND(0.810)	NS
3&4-Methylphenol	NS	NS	ND(0.720)	NS	ND(0.810)	NS
3,3'-Dichlorobenzidine	NS	NS	ND(1.00)	NS	ND(1.60)	NS
3.3'-Dimethylbenzidine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
8-Methylcholanthrene B-Nitroaniline	NS NS	NS	ND(0.720)	NS	ND(0.810)	NS
-Nitroaniine I,6-Dinitro-2-methylphenol	NS	NS NS	ND(2.50) ND(0.500)	NS	ND(4.10)	NS
-Aminobiphenyl	NS	NS	ND(0.500) ND(0.720)	NS NS	ND(0.810) ND(0.810)	NS NS
I-Bromophenyl-phenylether	NS	NS	ND(0.500)	NS	ND(0.810)	NS NS
I-Chloro-3-Methylphenol	NS	NS	ND(0.500)	NS	ND(0.810)	NS
I-Chloroaniline	NS	NS	ND(0.500)	NS	ND(0.810)	NS
I-Chlorobenzilate	NS	NS	ND(0.720)	NS	ND(0.810)	NS
-Chlorophenyl-phenylether	NS	NS	ND(0.500)	NS	ND(0.810)	NS
-Nitroaniline	NS	NS	ND(1.80)	NS	ND(1.80)	NS
-Nitrophenol	NS	NS	ND(2.50)	NS	ND(4.10)	NS
-Nitroquinotine-1-oxide	NS	NS	ND(0.720)	NS	ND(0.810)	NŞ
I-Phenylenediamine	NS	NS	ND(0.72) J	NS	0.81 J	NS
-Nitro-o-toluidine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
,a'-Dimethylphenethylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
censphthene censphthylene	NS NS	NS NS	ND(0.500)	NS NC	ND(0.810)	NS
vcetophenone	NS NS	NS NS	ND(0.500) ND(0.500)	NS NS	ND(0.810)	NS
willine	NS NS	NS NS	0.440 J	NS I	ND(0.810) ND(0.810)	NS NR
withracene	NS [NS	ND(0.500)	NS	ND(0.810)	NS NS
tramite	NS	NS	ND(0.720)	NS	ND(0.810)	NS NS
lenzidine	NS	NS	ND(1.0)	NS	ND(1.6)	NS NS
enzo(a)anthracene	NS	NS	ND(0.500)	NS	ND(0.810)	NS NS
Senzo(a)pyrene	NS	NS	ND(9.500)	NS	ND(0.810)	NS
enzo(b)fluoranthene	NS	NS	0.160 J	NŚ	ND(0.813)	NS
lenzo(g,h,i)perylene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
lenzo(k)/luoranthene	NS	NS	0.190 J	NS	ND(0.810)	NS
Senzyi Alcohol j	NS	NS I	ND(1.00)	NS	1.6 J	NS
s(2-Chloroethoxy)methane	MS	NS	ND(0.500)	NS	ND(0.810)	NIS
is(2-Chloroethy!)ether	NS [NS	ND(0 500)	NS	ND(0.810)	NS
xis(2-Chtoroisopropyl)ether	NS	NS	ND(0.500)	NS	NO(0.810)	NS

Averaging Area: Sample ID:	4B RAA4-K19	48 RAA4-K21	4B RAA4-K23	48 RAA4-K23	4B RAA4-K25	4B X-16
Sample Depth(Feet): Parameter Date Collected:	13-15 06/13/02	1-6 06/03/02	0-1 04/25/02	1-6 04/25/02	0-1 06/03/02	6-15 01/31/01
Semivolatile Organics (continued)						
s(2-Ethyinexyl)phthalate	NS	NS	ND(0,360)	I NS I	ND(0.410)	NS
Butylbenzvlphthalate	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Chrysenc	NS	NS	0.210 j	NS	ND(0.810)	NS
Diallate	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Dibenzo(a,b)anthracene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Dibenzofuran	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Diethylphthalate	NS	NS	ND(0.500)	NS	ND(0.810)	NŚ
Dimethylphthalate	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Di-n-Butylphthalate	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Di-n-Octylphthalate	NS	NS	ND(0,500)	NS	ND(0.810)	NS
Diphenylamine	NS	NS	ND(0.50)	NS	ND(0.81)	NS
Ethyl Methanesulfonate	NS	NS	ND(0.500)	NS ,	ND(0.810)	NS
Fluoranthene	NS	NS	0.340 J	NS	0.540 J	NS
Fluorene	NŜ	NŚ	ND(0.500)	NS	ND(0.810)	NS
Hexachlorobenzene	NS	NS	ND(0.500)	NS	ND(0,810)	NS
Hexachlorobutadiene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Hexachlorocyclopentadiene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
fexachloroethane	NS	NS	ND(0.500)	NS	ND(0.810)	NS
lexachlorophene	NS	NŞ	ND(1.0)	NS	ND(1.6)	N\$
lexachloropropene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
ndeno(1,2,3-cd)pyrene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
sodrin	NS	NS	ND(0.50)	NS	ND(0.81)	NS
sophorone	NS	NS	ND(0.500)	NS	ND(0.810)	NS
sosafrole	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Methapyrilene	NS	NS .	ND(0.720)	NS	ND(0.810)	NS
Methyl Methanesulfonate	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Naphthalene	NŜ	NŜ	ND(0.500)	NŚ	ND(0.810)	NS
Nitrobenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodiethylamine	NŞ	NŞ	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodimethylamine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitroso-di-n-butylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
N-Nitroso-di-n-propylamine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosodiphenylamine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosomethylethylamine	NS	NS	ND(0.720)	NS	ND(0.810)	NS
N-Nitrosomorpholine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosopiperidine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
N-Nitrosopyrrolidine	NS	NS	ND(0.720)	NŚ	ND(0.810)	NS
p.o.o-Triethylphosphorothioate	NS	NS	ND(0.50)	NS	ND(0.81)	NS
o-Toluídine	NS	NS	ND(0.500)	NS	ND(0.810)	NS
p-Dimethylaminoazobenzene	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Pentachioropenzene	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Pentachloroethane	NS	NS	ND(0.50)	NS	ND(0.81)	NS
Pentachioronitrobenzene	· NS	NS	ND(0.720)	NS	ND(0.810)	NS
Pentachiorophenol	NS	NS	ND(2.50)	NS	ND(4.10)	NS
Phenacetin	NS	NS	ND(0.720)	NS	ND(0.810)	NS
Phenanthrene	NS	NS	0.290 J	NS	ND(0.810)	NS
Phenot	NS	NS	0.120 J	NS	ND(0.810)	NS
Pronamide	NS	NS	ND(0.500)	NS	ND(0.810)	NS
Pyrene	NS	NS	0.280 J	NS	0.420 J	NS
De onizition e	NS	NS	ND(0.500)) NS	ND(0.810)	NS
Pyridine Safrole	NS	NS	ND(0.500)	NS	ND(0.810)	NS

San Parameter	Averaging Area: Sample ID: nple Depth(Feet): Date Collected;	4B RAA4-K19 13-15 06/13/02	4B RAA4-K21 1-6 06/03/02	4B RAA4-K23 0-1 04/25/02	4B RAA4-K23 1-6 04/25/02	4B RAA4-K25 0-1 06/03/02	4B X-16 6-15 01/31/01
Furans							
2.3.7.8-TCDF		NS	0.010 YEIJ	0.000045 Y	0.00069 Y	0.000019 Y	ND(0.000015)
TCDFs (total)		NS	0.089 QI	0.0012 EJ	0.012	0.00014	ND(0.000015)
1,2,3,7,8-PeCDF		NS	0.0040	0.000022	0.00038	0.000010	ND(0.000012)
2,3,4,7,8-PeCDF		NS	0.0095 EJ	0.000038	0.00055	0.000027	ND(0.000012)
PeCDFs (total)		NS	0.10 QI	0.0022	0.013	0.000261	ND(0.000012)
1,2,3,4,7,8-HxCDF		NS	0.014 EJ	ND(0.000012) X	0.0024	0.000031	ND(0.000052)
1,2,3.6,7,8-HxCDF		NS	0.0070	0.00014	0.00093	0.000012	ND(0.000049)
1,2,3,7,8,9-HxCDF		NS	0.0016	ND(0.000038) X	ND(0.0010) X	0.0000047	ND(0.000057)
2,3,4,6,7,8-HxCDF		NS	0.011 EJ	0.00011	0.00054	0.000022	ND(0.000053)
HxCDFs (total)		NS	0.17	0.0020	0.012	0.00029	ND(0.000022)
1,2,3,4,6,7,8-HpCD		NS	0.019 EJ	0.00015	0.0025	0.000036	ND(0.000032)
1,2,3,4,7,8,9-HpCC)F	NS	0.0042	0.000014	0.00049	0.0000086	ND(0.000038)
HpCDFs (total)		NS	0.043	0.00038	0.0051	0.000090	ND(0.000035)
OCDF		NS	0.027 EJ	0.000097	0.0053	0.00011	ND(0.000030)
Dioxins							
2,3,7,8-TCDD		NS	0.000070	ND(0.0000011) X	0.00017 J	ND(0.00000026) X	ND(0.000017)
TCDDs (total)		NS	0.0012 Q	0.0000071	0.00017	0.00000082	ND(0.000017)
1,2,3,7,8-PeCDD		NS	ND(0.00036) X	ND(0.0000030) X	0.000026	ND(0.0000080) X	ND(0.000017)
PeCDDs (total)	ŀ	NS	0.0020 Q	0.0000037	0.000097	0.00000089	ND(0.000017)
1,2,3,4,7,8-HxCDD		NS	0.00070	0.0000024 J	0.000041	0.00000048 J	ND(0.000033)
1,2,3,6,7,8-HxCDD		NS	0.00053	0.0000055	0.000060	0.00000077 J	ND(0.000033)
1,2,3,7,8,9-HxCDD		NS	0.00039	0.0000051	0.000059	0.00000065 J	ND(0.000030)
HxCDDs (total)		NS	0.0070	0.000040	0.00030	0.0000086	ND(0.000032)
1,2,3,4,6,7,8-HpCC	D	NS	0.0054	0.000055	0.00058	0.0000059	ND(0.000042)
HpCDDs (total)		NS	0.010	0.00013	0.0012	0.000013	ND(0.000042)
OCDD		NS	0.017	0.00054	0.0023	0.000038	ND(0.000037)
Total TEQs (WHO	TEFs)	NS	0.010	0.000058	0 0010	0.000028	0.000037
Inorganics							
Antimony		NS	NS	1.20 J	ŃŚ	ND(6.00)	NS
Arsenic		NS	NS	3.50 J	NS	4.10	NS
Barium		NS	NS	33.0 J	NS	ND(20.0)	NS
Beryllium		NS	NS	ND(0.500)	NS	0.150 B	NS
Cadmium		NS	NS	1.10	NS	ND(0.500)	NS
Chromium		NŜ	NS	70.0	NS	6.00	NS
Cobalt		NS	NS	6.20	NS	7.20	NŞ
Copper		. NS	NS	53,0	NS	17.0	NS
Cyanide		NS	NS	0.150 J	NS	ND(0.210)	NS
Lead		NS	NS	370 J	NS	10.0	NS
Mercury		NS	NS	ND(0.110)	NŠ	0.120	NS
Nickel		NS	NS	23.0 J	NS	12.0	NS
Selenium		NS	NS	ND(1.00) J	NS	ND(1.00)	NS
Silver		NS	NS	20.0	NS	ND(1.00)	NS
Sulfide		NS	NS	140	NS	8.20	NS
Thallium		NS	NS	ND(1.10) J	NS	ND(1.00)	NS
Tin		NS	NS	ND(15.0)	NS	ND(10.0)	NS
Vanadium		NS	NS	7.40 J	NS	5.50	NS
Zinc		NS	NS	240 J	NS	35.0	NŚ

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (F

Results are presented in dry weight parts	per million, ppm)
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	Averaging Area:	4B	40	40	40	4C	40
	Sample ID:	X-18	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3 0-2
	Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	04/27/01
Parameter	Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
/olatile Org	and a sharehouse a second s						1.0
	chioroethane	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1,1-Trichior		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
····	chioroethane	ŃŚ	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1,2-Trichlor		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1-Dichloroe	and the second	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,1-Dichloroe		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2,3-Trichlo	opropane	NS	NS	ND(0.0054)	ND(0.0071)	NS	NS
1,2-Dibromo-	3-chloropropane	NS	NŠ	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dibromoe	ethane	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dichloroe	thane	NS	NŞ	ND(0.0064)	ND(0.0071)	NS	NS
1,2-Dichlorop	ropane	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
1,4-Dioxane		NS	NS	ND(0.20) j	NO(0 20) J	NS	NS
2-Butanone		NS	NS	ND(0.10)	ND(0.10)	NS	NS
2-Chioro-1,3-	butadiene	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
2-Chloroethy		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
2-Hexanone	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NS	NS	ND(0.013) J	ND(0.014) J	NS	NS
3-Chloroprop	ene	NS	NS	ND(0.013)	ND(0.014)	NS	NS
4-Methyl-2-p		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Acetone		NS	NS	ND(0.10)	ND(0.10)	NS	NS
Acetonitrile		NS	NS	ND(0.13)	ND(0.14)	NS	NS
Acrolein		NS	NS	ND(0.13) J	ND(0.14) J	NS	NS
Acrylonitrile		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Benzene		NS	NS	ND(0.00640)	ND(0.00710)	NS	NS
Bromodichlo	omethane	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Bromoform	omenane	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Bromometha	DA	NS	NS	ND(0.013)	ND(0.014)	NS	NS
Carbon Dísul		NS	NS	ND(0.010)	ND(0.010)	NS	NS
Carbon Tetra		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
	The second state of the second s	NS NS				NS	
Chlorobenze			N\$	ND(0.0064)	ND(0.0071)		NS
Chloroethane	,	NS	NS	ND(0.013)	ND(0.014)	NS	NS
Chloroform		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Chlorometha		NS	NS	ND(0.013)	ND(0.014)	NS	NS
cis-1,3-Dichl		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dibromochlo		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dibromometi		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Dichlorodiflu		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Ethyl Methac		NS	NS	ND(0.013)	ND(0.014)	NS	N5
Ethylbenzen		NS	NS	0.00370 J	ND(0.00710)	NS	NS
odomethane	· · · · · · · · · · · · · · · · · · ·	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Isobutanol		NS	NS	ND(0.26) J	ND(0.28) J	NS	NS
Methacryloni		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Methyl Methi		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Methylene C	hloride	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Propionitrile		NS	NS	ND(0.064) J	ND(0.071) J	NS	NŚ
Styrene		NS	NS	0.0100	ND(0.00710)	NS	NS
Tetrachioroe	lhene	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
l'oluene		NS	NS	0.0046 J	ND(0.00710)	NS	NS
rans-1,2-Dic	nioroethene	NS	NS	ND(0.0064)	ND(0.9071)	NS	NS
	hloropropene	NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
	hloro-2-butene	NS	NS	ND(0.013)	ND(0.014)	NS	NS
Trichloroethe		NS	NS	ND(0.0064)	ND(0.0071)	NS	NS
Trichlorofiuo		NS	NS	ND(0.0064)	ND(0.0971)	NŚ	NS
Vinyl Acetate		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Vinyl Chlorid		NS	NS	ND(0.013)	ND(0.014)	NS	NS
Xylenes (tota		NS	NS	0.025	ND(0.0071)	NS	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4B X-18	4C CRA-1	4C CRA-1	4C CRA-2	4C CRA-2	4C CRA-3
Sample Depth(Feet):	6-15	5-14	6-8	2-4	-2-5	0-2
Parameter Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Semivolatile Organics						
1.2.4.5-Tetrachlorobenzene	NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
1,2,4-Trichlorobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,2-Dichlorobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,2-Diphenylhydrazine	NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
1,3,5-Trinitrobenzene	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
1,3-Dichlorobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
1,3-Dinitrobenzene	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
1,4-Dichlorobenzene	NS	ND(0.430)	NS NS	NS NS	ND(0.470)	ND(0.440) [ND(0.420)]
1.4-Naphthoquinone	NS NS	ND(2.20) ND(2.20)	NS NS	NS NS	ND(2.40) ND(2.40)	ND(2.20) [ND(2.10)] ND(2.20) [ND(2.10)]
1-Naphthylamine	NS	ND(2.20)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,3,4,6-Tetrachlorophenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	NS NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dichlorophenol	NS NS	ND(0.430)	NS NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dimethylphenol	NS NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2,4-Dinitrophenol	NS	ND(2.20)	NS	NS NS	ND(2.40)	ND(2.20) [ND(2.10)]
2,4-Dinasophenol 2,4-Dinitrotoluene	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2,4-Diminotoidene 2,6-Dichlorophenol	NS	ND(0.430)	NS	NS NS	ND(0.470)	ND(0.440) [ND(0.420)]
2.6-Dinitrotoluene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420]]
2-Acelylaminofluorene	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
2-Chioronaphthalene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420]]
2-Chiorophenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Methylnaphthalene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Methylphenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
2-Naphthylamine	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2-Nitroaniline	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
2-Nitrophenol	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
2-Picoline	NS	ND(0.430)	NŜ	NŠ	ND(0.470)	ND(0.440) [ND(0.420)]
3&4-Methylphenol	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
3,3'-Dichlorobenzidine	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
3,3'-Dimethylbenzidine	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
3-Methylcholanthrene	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
3-Nitroaniline	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4,6-Dinitro-2-methylphenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Aminobiphenyl	NS	ND(0.660)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
4-Bromophenyl-phenylether	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Chloro-3-Methylphenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Chloroaniline	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
4-Chlorobenzilate	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Chlorophenyi-phenylether	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
4-Nitroaniline	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Nitrophenol	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
4-Nitroquinoline-1-oxide	NS	ND(2.2) J	NS	NS	ND(2.4) J	ND(2.20) [ND(2.10)]
4-Phenylenediamine	NS	ND(2.20)	NS NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
5-Nitro-o-toluidine	NS NS	ND(2.20)	NS NS	NS NS	ND(2.40)	ND(2.20) [ND(2.10)]
7.12-Dimethylbenz(a)anthracene	NS NG	ND(0.860)	NS NS		ND(0.950)	ND(0.870) [ND(0.840)] ND(2.20) [ND(2.10)]
a,a'-Dimethylphenethylamine	NS NS	ND(2.20) ND(0.430)	NS NS	NS NS	ND(2.40) ND(0.470)	ND(2.20) [ND(2.10)] ND(0.440) [0.630]
Acenaphthene		ND(0.430)	NS NS	NS NS	ND(0.470)	ND(0.440) [0.630] ND(0.440) [0.440]
Acenaphthylene Acetophenono	NS NS	ND(0.430)	NS NS	NS NS	ND(0.470)	ND(0.440) [ND(0.420)]
Acetophenono	NS NS	ND(0.430)	NS NS	NS NS	ND(0.470)	ND(0.440) [ND(0.420)]
Anthracene	NS NS	ND(0.430)	NS NS	NS	ND(0.470)	ND(0.440) [1.70]
Anteracene	NS	ND(0.430)	NS NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Benzidino	NS NS	ND(0.86)	NS NS	NS	ND(0.95)	ND(0.87) [ND(0.843)]
Benzofalanthracene	NS NS	ND(0.430)	NS	NS	ND(0.470)	0.600 [3.00]
Benzo(a)pyrene	NS	ND(0.430)	NS	NS	ND(0.470)	0.600 [2.80]
Benzo(b)fluoranthene	NS	ND(0.435)	NS	NS NS	ND(0.470)	0.540 [2.10]
Benzo(g,h.i)perylene	N\$	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [1 90]
Benzo(g.n.)perviene	NS	ND(0.430)	NS	NS	ND(0.470)	0.510 [1.90]
Benzyl Alcohol	NS	ND(0.860)	NS NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
bis(2-Chloroethoxy)methane	<u>143</u> NS	ND(0 430)	NS NS	NS NS	ND(0.470)	ND(0.440) [ND(0.420)]
bis(2-Chloroethyl)ether	NS NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
bis(2-Chloroisopropyl)ether	NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) (ND(0.420))

VAGE_Pittnfield_CD_ESA_2_South_Confidentia/Notes and Data/PDI DATA8 xis Table B-1 (A) Page 196 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	48 X-18	4C CRA-1	4C CRA-1	4C CRA-2	4C CRA-2	4C CRA-3
Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	0-2
Parameter Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Semivolatile Organics (continued)						
bis(2-Ethylhexyi)phthalate	NŜ	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Butylbanzylphthalate	NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Сплузепе	NS	ND(0.430)	NS	NS	ND(0.470)	0.540 [2.70]
Diallate	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.370) [ND(0.840)]
Dibenzo(a,h)anthracene	NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.870) [ND(0.840)]
Dibenzofuran	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Diethylphthalate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Dimethylphthalate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) (ND(0.420)]
Di-n-Butylphthalate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Di-n-Octylphthalate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Diphenylamine	NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Ethyl Methanesulfonate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Fluoranthene	NS	ND(0.430)	NS	NS	ND(0.470)	1.20 [7.00]
Fluorene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.840]
Hexachlorobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Hexachlorobutadiene	NS	ND(0.860)	NS	N\$	ND(0.950)	ND(0.870) [ND(0.840)]
Hexachlorocyclopentadiene	NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
Hexachioroethane	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Hexachlorophene	NS	ND(0.86) J	NS	NS	ND(0.95) J	ND(0.87) [ND(0.84)]
Hexachloropropene	NS	ND(0.43) J	NS	NS	ND(0.47) J	ND(0.440) [ND(0.420)]
Indeno(1,2,3-cd)pyrene	NS	ND(0,860)	NS	NS	ND(0.950)	ND(0.870) [2.10]
Isodrin	NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Isophorone	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Isosaírole	NS	ND(0.860)	NŚ	NS	ND(0.950)	ND(0.870) [ND(0.840)]
Methapyrilene	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Methyl Methanesulfonate	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Naphthalene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [0.830]
Nitrobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosodiethylamine	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosodimethylamine	NS	ND(2.10)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
N-Nitroso-di-n-butylamine	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
N-Nitroso-di-n-propylamine	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
N-Nitrosodiphenylamine	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosomethylethylamine	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.840) [ND(0.840)]
N-Nitrasomorpholine	NS	ND(0.43) J	NS	NS	NO(0.47) J	ND(0.440) [ND(0.420)]
N-Nitrosopiperidine	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
N-Nitrosopyrrolidine	NS	ND(0.860)	NS	NS	ND(0.950)	ND(0.870) [ND(0.840)]
o.o.o-Triethylphosphorothioate	NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
o-Toluidine	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
p-Dimethylaminoazobenzene	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) (ND(2.10)]
Pentachiorobenzene	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pentachloroethane	NS	ND(0.43)	NS	NS	ND(0.47)	ND(0.44) [ND(0.42)]
Pentachioronitrobenzene	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Pentachiorophenol	NS	ND(2.20)	NS	NS	ND(2.40)	ND(2.20) [ND(2.10)]
Phenacetin	NS	ND(2.2) J	NS	- NS	ND(2.4) J	ND(2.20) [ND(2.10)]
Phenanthrene Rhomai	NS	ND(0.430)	NS	NS	ND(0.470)	0.640 [7.50]
Phenol	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pronamide	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Pyrene	NS	ND(0.430)	NS	NS	ND(0.470)	0.880 [6.20]
Pyridine	NS NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Safrole	NS	ND(0.430)	NS	NS	ND(0.470)	ND(0.440) [ND(0.420)]
Thionazin	NS	ND(0.43)	NS	NS	ND(0,47)	ND(0.44) [ND(0.42)]

	Averaging Area:	4B	4C	4C	40	. 4C	4C
	Sample ID:	X-18	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3
	Sample Depth(Feet):	6-15	5-14	6-8	2-4	2-5	0-2
Parameter	Date Collected:	02/01/01	01/17/01	01/17/01	01/17/01	01/17/01	04/27/01
Furans							
2,3,7,8-TCDF		ND(0.00040)	ND(0.0000098)	NS	NS	ND(0.000014)	NS
TCDFs (total)		ND(0.00040)	ND(0.0000098)	NS	NS	ND(0.000014)	NS
1,2,3,7,8-PeC	DF	ND(0.0011)	ND(0.000014)	NS	NS	ND(0.000014)	NS
2,3,4,7,8-РеС	DF	ND(0.0011)	ND(0.000013)	NS	NS	ND(0.000014)	NS
PeCDFs (tota	d)	ND(0.0011)	ND(0.000014)	NS	NS	ND(0.000014)	NS
1,2,3,4,7,8-H	XCDF	0.00039 J	ND(0.000017)	NS	NS	ND(0.000017)	NS
1,2,3,6,7,8-H	xCDF	ND(0.00043) X	ND(0.000016)	NS	NS	ND(0.000020)	NS
1,2,3,7,8, 9 -H		0.00066 J	ND(0.000019)	NS	NS	ND(0.000016)	NS
2,3,4,6,7,8-H	xCDF	0.00042 J	ND(0.000017)	NS	NS	ND(0.000014)	NS
HxCDFs (tota	1)	0.0015	ND(0.000017)	NS	NS	ND(0.000014)	NS
1.2.3.4,6.7,8-	HpCDF	0.00042 J	ND(0.0000096)	NS	NS	ND(0.000014)	NS
1,2,3,4,7,8,9-	HpCDF	0.00041 J	ND(0.000012)	NS	NS	ND(0.000017)	NS
HpCDFs (tota	ii)	0.00083	ND(0.000010)	NS	NS	ND(0.000016)	NS
OCDF		0.0016 J	ND(0.000021)	NS	NS	ND(0.000024)	NS
Dioxins					<u></u>	1	
2,3,7,8-TCDC)	ND(0.00032)	ND(0.000019)	NS	NS	ND(0.000012)	NS
TCDDs (total)		ND(0.00032)	ND(0.000019)	NS	NS	ND(0.000012)	NS
1.2.3.7.8-PeC	DD	0.00049 J	ND(0.000020)	NS	NS	ND(0.000022)	NS
PeCDDs (tota	1)	0.00049	ND(0.000020)	NS	NS	ND(0.000022)	NS
1,2,3,4,7,8-H		0.00041 J	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,6,7,8-H	xCDD	0.00047 J	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,7,8,9-H	xCDD	0.00052 J	ND(0.000019)	NS	NŜ	ND(0.000013)	NS
HxCDDs (tota		0.0014	ND(0.000013)	NS	NS	ND(0.000014)	NS
1,2,3,4,6,7,8-	HoCDD	ND(0.00029)	ND(0.000016)	NS	NS	ND(0.000025)	NS
HpCDOs (tota		ND(0.00029)	ND(0.000016)	NS	NS	ND(0.000025)	NS
OCDD	/	ND(0.0014)	ND(0.000024)	NS	NS	ND(0.000039)	NS
Total TEQs ()	WHO TEFs)	0.0013	0.000029	NS	NS	0.000027	NS
Inorganics				,		0.00002)	1403
Antimony	·····	NS	ND(12.0) J	NS	NS	ND(13.0) J	NS
Arsenic		NS	ND(19.0)	NS	NS	ND(21.0)	NS
Barium		NS	ND(38.0)	NS	NS	ND(43.0)	NS
Beryllium		NS	0.300	NS	NS	0.260	NS
Cadmium		NS	ND(1.90) J	NS	NS	ND(2.10) J	NS
Chromium		NS	9.20	NS	NS	12.0	NS
Cobalt		NS	12.0	NS	NS	15.0	NS
Copper		NS	26.0	NS	NS	39.0	NS
Cyanide		NS	ND(1.00)	NS	NS	ND(1.00)	NS
Lead		NS	14.0 J	NS	NS	12.0 J	NS
Mercury		NS	ND(0.260)	NS	NS	ND(0.280)	NS
Nickel	·······	NS	17.0	NS	NS	26.0	NS
Selenium		NS	ND(0.960) J	NS	NS	ND(1.10) J	NS NS
Silver		NS	ND(0.960)	NS	NS	ND(1.10)	NS
Sulfide		NS	ND(6.40)	NS	NS	ND(7.10)	NS
Thallium		NS	ND(1.90) J	NS	NS	ND(2.10) J	NS
Tin	ł	NS	ND(58.0)	NS	NS	ND(64.0)	NS
Vanadium		NS	ND(9.60)	NS	NS	ND(11.0)	NS
Zinc		NS	56.0 J	NS	NS	63.0 J	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4C CRA-3	4C CRA-3	4C CRA-5 0-2	4C CRA-6 2-5	
Sample Depth(Feet): Parameter Date Collected:	5-14 01/17/01	10-12 01/17/01	01/18/01	D1/18/01	
/olatile Organics					
.1.1.2-Tetrachloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
1,1-Trichloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
.1.2.2-Tetrachloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
1,2-Trichloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
.1-Dichloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
.1-Dichloroethene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
1,2,3-Trichloropropane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
2-Dibromo-3-chloropropane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
2-Dibromoethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
,2-Dichloroethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
,2-Dichloropropane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
.4-Dioxane	NS	ND(0.71) J [ND(0.64) J]	ND(0.20) J	NS	
2-Butanone	NS	ND(0.10) [ND(0.10)]	ND(0.10)	NS	
2-Chioro-1,3-butadiene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
2-Chloroethylvinylether	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
2-Hexanone	NS	ND(0.071) J [ND(0.064) J]	ND(0.015)	NS	
3-Chloropropene	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
1-Methyl-2-pentanone	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Acetone	NS	ND(0.10) [ND(0.10)]	ND(0.10)	NS	
Acetonitrile	NS	ND(0.71) [ND(0.64)]	ND(0 15)	NS	
Acrolein	NS	ND(0.71) J [ND(0.64) J]	ND(0.15) J	NS	
Acrylonitrile	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Benzene	NS	1.80 [1.80]	ND(0.00740)	NS	
Bromodichloromethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Bromoform	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Bromomethane	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Carbon Disulfide	NS	ND(0.036) [ND(0.032)]	ND(0.010)	NS	
Carbon Tetrachloride	NS	ND(0.036) (ND(0.032)]	ND(0.0074)	NS	
Chlorobenzene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Chloroethane	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Chloroform	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Chloromethane	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
cls-1,3-Dichloropropene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Dibromochloromethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Dibromomethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Dichlorodifluoromethane	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Ethyl Methacrylate	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Ethylbenzene	NS	70.0 [62.0]	ND(0.00740)	NS	
lodomethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Isobutanol	NS	ND(1.4) J [ND(1.3) J]	ND(0.30) J	NS	
Methacrylonitrile	NS	ND(0.071) (ND(0.064))	ND(0.015)	NS	
Methyl Methacrylate	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Methylene Chloride	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Propionitrile	NS	ND(0.36) J [ND(0.32) J]	ND(0.074) J	NS	
Styrene	NŞ	140 [160]	ND(0.00740)	NS	
Tetrachloroethene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Toluene	NS	60.0 [56.0]	ND(0.00740)	NŠ	
rans-1,2-Dichloroethene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
rans-1,3-Dichloropropene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
trans-1,4-Dichloro-2-butene	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Trichloroethene	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Trichlorofluoromethane	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS	
Vinyl Acetate	NS	ND(0.971) (ND(0.054))	ND(0.015)	NS	
Vinyl Chicride	NS	ND(0.071) [ND(0.064)]	ND(0.015)	NS	
Xylenes (total)	NS	240 [250]	ND(0.0074)	NS	

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Averaging Area: Sample ID: Sample Centre	4C CRA-3	4C CRA-3	4C CRA-5	4C CRA-6
Sample Depth(Feet): Parameter Date Collected:	5-14 01/17/01	10-12 01/17/01	0-2 01/18/01	2-5 01/18/01
Semivolatile Organics	01717/01	01/1//01	01/10/01	
1.2.4.5-Tetrachiorobenzene	ND(2.3) J [ND(2.1) J]	NS	ND(0,540)	ND(0.510)
1.2.4-Trichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
.2-Dicnlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Diphenylhydrazine	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
1,3,5-Trinitrobenzene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
1,3-Dichlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
I,3-Dinitrobenzene	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
, 4-Dichlorobenzene	ND(2.30) [ND(2.1)] ND(12.0) [ND(10)]	NS	ND(0.540)	ND(0.510)
I.4-Naphthoquinone	ND(12.0) [ND(10)]	NS NS	ND(2.70) ND(2.70)	ND(2.60) ND(2.60)
2,3,4,6-Tetrachiorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(2.00)
2,4,5-Trichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4,6-Trichlorophenoi	ND(2.30) [ND(2.1)]	N\$	ND(0.540)	ND(0.510)
2,4-Dichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2,4-Dimethylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2.4-Dinitrophenol	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2,4-Dinitrotoluene	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2.6-Dichlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2.6-Dinitrotoluene	ND(2.30) [ND(2.1)] ND(4.70) [ND(4.2)]	NS	ND(0.540)	ND(0.510)
2-Acetylaminofluorene 2-Chloronaphthalene	ND(4.70) [ND(4.2)] ND(2.30) [ND(2.1)]	NS NS	ND(1.10) ND(0.540)	ND(1.00) ND(0.510)
2-Chlorophenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Methylnaphthalene	290 [280]	NS	ND(0.540)	ND(0.510)
2-Methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
2-Naphthylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2-Nitroaniline	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
2-Nitrophenol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
2-Picoline	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
384-Methylphenol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
3,3'-Dichlorobenzidine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
3,3'-Dimethylbenzidine 3-Methylcholanthrene	ND(12.0) [ND(10)] ND(4.70) [ND(4.2)]	NS NS	ND(2.70)	ND(2.60)
3-Nitroaniline	ND(4.70) [ND(4.2)] ND(12.0) [ND(10)]	NS NS	ND(1.10) ND(2.70)	ND(1.00) ND(2.60)
4,6-Dinitro-2-methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(2.80)
4-Aminobiphenyl	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
4-Bromophenyl-phenylether	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Chloro-3-Methylphenol	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
4-Chloroaniline	ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
4-Chiorobenzilate	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
4-Chlorophenyi-phenylether	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
I-Nitroaniline	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
I-Nitrophenol I-Nitroquinoline-1-oxide	ND(12.0) [ND(10)] ND(12) J [ND(10) J]	NS	ND(2.70)	ND(2.60)
4-Phenylenediamine	ND(12) 3 [ND(10) 3]	NS NS	ND(2.7) J ND(2.70)	ND(2.6) J ND(2.60)
5-Nitro-o-toluidine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
7,12-Dimethylbenz(a)anthracene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
a-Dimethylphenethylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Acenaphthene	15.0 [16]	NS	ND(0.540)	ND(0.510)
Acenaphthylene	43.0 [39]	NŜ	ND(0.540)	ND(0.510)
Acetophenone	ND(2.30) [ND(2.1)]	NS	ND(0.54) J	ND(0.51) J
Aniiine	ND(2.30) (ND(2.1)]	NS	ND(0.540)	ND(0.510)
Anthracene	38.0 (36) ND(4.7) + (ND(4.2) - 1	NS NS	ND(0.548)	ND(0.510)
Aramite Benzidine	ND(4.7) J [ND(4.2) J] ND(4.7) [ND(4.2)]	NS NS	ND(1.1) J	ND(1.0) J
senziolne Benzo(a)anthracene	42.0 [38]	NS NS	ND(1.1) ND(0.540)	ND(1.0)
Benzo(a)pyrene	49.0 [53]	NS	ND(0.540)	ND(0.510) ND(0.510)
Benzo(b)fluoranthene	23.0 [24]	NS	ND(0.540)	ND(0.510)
Senzo(g,h.i)perviene	34 J (33 J)	NS	ND(0.540)	ND(0.510)
Benzo(k)fluoranthene	31.0 [27]	NS	ND(0.540)	ND(0.510)
Benzyi Alcohol	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
bis(2-Chloroethoxy)methane	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
bis(2-Chloroethyl)etner	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
bis(2-Chloroisopropyl)ether	ND(2.3) J [ND(2.1) J]	NS	ND(0.54) J	ND(0.51) J

V IGE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data\PDI DATA8.xis Table B-1 (A) Page 110 of 197

Averaging Area:	4C	4C	. 4C	4C
Sample ID:	CRA-3	CRA-3	CRA-5	CRA-6
Sample Depth(Feet):	5-14	10-12	0-2	2-5
Parameter Date Collected:	01/17/01	01/17/01	01/18/01	01/18/01
Semivolatile Organics (continued)				
sis(2-Ethylhexyl)phthalate	ND(2.30) [ND(2.1)]		ND(0.540)	ND(0.510)
Sutylbenzylphihalate	ND(4.7) J [ND(4.2) J]	NS	ND(1.10)	ND(1.00)
Chrysene	39.0 [36]	NS	ND(0.540)	ND(0.510)
Diallate	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Dibenzo(a,h)antbracene	6.5 J [5.5 J]	NS	ND(1.10)	ND(1.00)
Dibenzofuran	8.30 [8.0]	NS	ND(0.540)	ND(0.510)
Diethylphthalate	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Dimethylphthalate	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Di-n-Butylphthalate	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Di-n-Octylphthalate	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Diphenylamine	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
Ethyl Methanesulfonate	ND(2.30) [ND(2.1)]	NS	ND(0.54) J	ND(0.51) J
Iuoranthene	37.0 [33]	NS	ND(0.540)	ND(0.510)
luorene	47.0 [82]	NS	ND(0.540)	ND(0.510)
Hexachlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0,540)	ND(0.510)
lexachlorobutadiene	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Hexachlorocyclopentadiene	ND(2.3) J [ND(2.1) J]	NS	ND(0.540)	ND(0.510)
Hexachloroethane	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
texachlorophene	ND(4.7) J [ND(4.2) J]	NS	ND(1.1) J	ND(1.0) J
Hexachloropropene	ND(2.3) J [ND(2.1) J]	NS	ND(0.54) J	ND(0.51) J
ndeno(1,2,3-cd)pyrene	27.0 [27]	NS	ND(1.10)	ND(1.00)
sodrin	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
sophorone	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
sosaírole	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
Methapyrilene	ND(12.0) [ND(10)]	NS	ND(2.7) J	ND(2.6) J
Methyl Methanesulfonate	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Naphthalene	430 [420]	NS	ND(0.540)	ND(0.510)
Nitrobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosodiethylamine	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosodimethylamine	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
N-Nitroso-di-n-butylamine	ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
N-Nitroso-di-n-propylamine	ND(4.70) [ND(4.2)]	NS	ND(1.10)	ND(1.00)
N-Nitrosodiphenylamine	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosomethylethylamine	ND(2.30) [ND(2.1)]	NS	ND(0.990)	NJ(0.980)
N-Nitrosomorpholine	ND(2.3) J [ND(2.1) J]	NS	ND(0.540)	ND(0.510)
N-Nitrosopiperidine	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
N-Nitrosopyrrolidine	ND(4.70) [ND(4.2)]	NS	ND(1.1) J	ND(1.0) J
o.o.o-Triethylphosphorothicate	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
o-Toluidine	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
p-Dimethylaminoazobenzene	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Pentachlorobenzene	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pentachloroethane	ND(2.3) [ND(2.1)]	NS	ND(0.54)	ND(0.51)
Pentachloronitrobenzene	ND(12.0) [ND(10)]	NS	ND(2.7) J	ND(2.6) J
Pentachiorophenol	ND(12.0) [ND(10)]	NS	ND(2.70)	ND(2.60)
Phenacetin	ND(12) J [ND(10) J]	NS	ND(2.70)	ND(2.60)
Phenanthrene	230 [230]	NS	ND(0.540)	ND(0.510)
Phenot	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pronamide	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Pyrene	200 [210]	NS	0.320 J	ND(0.510)
Pyridine	ND(2.30) [ND(2.1)]	NS	NO(0.54) J	ND(0.51) J
Safroie	ND(2.30) [ND(2.1)]	NS	ND(0.540)	ND(0.510)
Safroie Thionazin	ND(2.30) [ND(2.1)] ND(2.3) [ND(2.1)]	NS NS	ND(0.540) ND(0.54)	ND(

Averaging Area Sample ID Sample Depth(Feet)	CRA-3 5-14	4C CRA-3 10-12	4C CRA-5 0-2	4C CRA-6 2-5
Parameter Date Collected	01/17/01	01/17/01	01/18/01	01/18/01
Furans				
2,3,7,8-TCDF	ND(0.000018) [ND(0.000038)]	NS	0.000011	ND(0.000026)
TCDFs (total)	ND(0.000018) [ND(0.000038)]	NS	0.000099	ND(0.000026)
1,2,3,7,8-PeCDF	ND(0.000032) [ND(0.000099)]	NS	0.0000026	ND(0.000031)
2,3,4,7,8-PeCDF	ND(0.000032) [ND(0.000098)]	NS	0.0000035	ND(0.000031)
PeCDFs (total)	ND(0.000032) [ND(0.000099)]	NS	0.000048	ND(0.000031)
1,2.3,4,7,8-HxCDF	ND(0.000014) [ND(0.000047)]	NS	0.0000625	ND(0.000021)
1,2,3,6,7,8-HxCDF	ND(0.000017) [ND(0.000044)]	NS	0.0000018 J	ND(0.000020)
1,2,3,7,8,9-HxCDF	ND(0.000015) [ND(0.000052)]	NS	ND(0.00000031)	ND(0.000023)
2,3,4,6,7,8-HxCDF	ND(0.000014) [ND(0.000048)]	NS	0.0000028	ND(0.000021)
HxCDFs (total)	ND(0.000014) [ND(0.000047)]	NS	0.000038	ND(0.000021)
1,2,3,4,6,7,8-HpCDF	ND(0.000017) [ND(0.000021)]	NS	0.0000079	ND(0.000023)
1,2,3,4,7,8,9-HpCDF	ND(0.000020) [ND(0.000025)]	NS	U. 98000006.0	ND(0.000028)
HpCDFs (total)	ND(0.000018) [ND(0.000023)]	NS	0.000022	ND(0.000025)
OCDF	ND(0.000034) [ND(0.000039)]	NS	0.000018	ND(0.000048)
Dioxins				
2,3,7,8-TCDD	ND(0.000017) [ND(0.000031)]	NS	ND(0.00000023) X	ND(0.000026)
TCDDs (total)	ND(0.000017) [ND(0.000031)]	NS	0.0000011	ND(0.000029)
1.2.3.7.8-PeCDD	ND(0.000018) [ND(0.000063)]	NS	ND(0.00000027) X	ND(0.000037)
PeCDOs (total)	ND(0.000018) [ND(0.000063)]	NŚ	0.0000020	ND(0.000037)
1,2,3,4,7,8-HxCDD	ND(0.000014) [ND(0.000036)]	NS	0.0000023 J	ND(0.000027)
1,2,3,6,7,8-HxCDD	ND(0.000014) [ND(0.000036)]	NS	0.00000068 J	ND(0.000026)
1.2.3.7,8,9-HxCDD	0.000024 J [ND(0.000033)]	NS	0.00000039 J	ND(0.000024)
HxCDDs (total)	0.000024 [ND(0.000035)]	. NŚ	0.0000053	ND(0.000026)
1,2,3,4,6,7,8-HpCDD	ND(0.000022) [ND(0.000030)]	NS	0.000012	ND(0.000035)
HpCDDs (total)	ND(0.000022) [ND(0.000030)]	NS	0.000023 -	ND(0.000035)
OCDD	ND(0.000044) [ND(0.000050)]	NS	0.000082	ND(0.000060)
Total TEQs (WHO 7EFs)	0.000034 [0.000091]	NS	0.0000043	0.000050
Inorganics				
Antimony	ND(13.0) J [ND(11.0) J]	NS	ND(15.0)	ND(15.0)
Arsenic	ND(21.0) [ND(19.0)]	NS	ND(22.0)	ND(22.0)
Barium	49.0 [48.0]	NS	47.0	ND(44.0)
Beryllium	0.420 [0.340]	NS	ND(1.50)	ND(1.50)
Cadmium	ND(2.10) J [ND(1.90) J]	NS	ND(2.20)	ND(2.20)
Chromium	13.0 [12.0]	NS	12.0	9.60
Coball	12.0 [9.60]	NS	ND(15.0)	15.0
Copper	28.0 [21.0]	NS	41.0	41.0
Cyanide	ND(1.00) [ND(1.00)]	NS	ND(1.00)	ND(1.00)
Lead	24.0 J [23.0 J]	NS	ND(30.0)	ND(29.0)
Mercury	ND(0.280) [ND(0.250)]	NS	ND(0.300)	ND(0.290)
Nickel	24.0 [22.0]	NS	25.0	24.0
Selenium	ND(1.10) J [ND(0.950)]	NS	ND(1.50)	ND(1.50)
Silver	ND(1.10) [ND(0.950)]	NS	ND(3.00)	ND(2.90)
Sulfide	73.0 [71.0]	NS	12,0	ND(7.30)
Thallium	ND(2.10) J [ND(1.90)]	NS	ND(3.00)	ND(2.90)
Tin	ND(64.0) [ND(57.0)]	NS	ND(11.0)	ND(11.0)
Vanadium	ND(11.0) [9.60]	NS	ND(15.0)	ND(15.0)
Zinc	98.0 J [82.0 J]	NS	99.0	53.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4C	40	4C	40	4C	4C
Sample ID:	CRA-6	CRA-7	CRA-7	CRA-8	CRA-8	CRA-9
Sample Depth(Feet):	4-5	0-2	0-2	2-4	2-5	5-14
Parameter Date Collected:	01/18/01	01/1B/01	01/03/02	01/22/01	01/22/01	01/22/01
/olatile Organics	100 (0.00000) I					
1,1,1,2-Tetrachloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,1-Trichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,2,2-Tetrachloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1,2-Trichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,1-Dichloroethane 1,1-Dichloroethene	ND(0.0073) ND(0.0073)	ND(0.0072) ND(0.0072)	NS NS	ND(0.0061)	NS	NS
1,2,3-Trichloropropane	ND(0.0073)	ND(0.0072)	ND(0.0063)	ND(0.0061) ND(0.0061)	NS NS	NS NS
1,2-Dibromo-3-chloropropane	ND(0.0073)	ND(0.0072)	ND(0.0063)	ND(0.0061)	NS NS	NS
t,2-Dibromoethane	ND(0.0073)	ND(0.0072)	ND(0.0053)	ND(0.0061)	NS NS	NS
1,2-Dichloroethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1,2-Dichloropropane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
1.4-Dioxane	ND(0.20) J	ND(0.20) J	NS NS	ND(0.20) J	NS	NS
2-Butanone	ND(0.10)	ND(0.10)	NS	ND(0.10)	NS	NS
2-Chloro-1,3-butadiene	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
2-Chloroethylvinvlether	ND(0.0073)	ND(0.0072)	NS NS	ND(0.0061)	NS	NS
2-Hexanone	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
3-Chloropropene	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
4-Methyl-2-pentanone	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Acetone	ND(0.10)	ND(0.10)	NS	ND(0,10)	NS	NŚ
Acetonitrile	ND(0.15)	ND(0.14)	NS	ND(0.12)	NS	NS
Acrolein	ND(0.15) J	ND(0.14) J	ND(0.13) J	ND(0.12) J	NS	NS
Acrylonitrile	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Benzene	ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
Bromodichloromethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Bramaform	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NŚ	NS
Bromomethane	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	ND(0.010)	NS	NS
Carbon Tetrachloride	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Chlorobenzene	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Chloroethane	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Chloroform	ND(0.0073)	ND(0.0072)	NS	ND(0.0051)	NS	NS
Chloromethane	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
cis-1,3-Dichloropropene	ND(0.0073)	ND(0.0072)	NŜ	ND(0.0061)	NS	NS
Dibromochloromethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Dibromomethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NŚ	NS
Dichlorodifluoromethane	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Ethyl Methacrylate	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Ethylbenzene	ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
lodomethane	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
sobutanol	ND(0.29) J	ND(0.29) J	NS	ND(0.24) J	NS	NS
Viethacrylonitrile	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Methyl Methacrylate	ND(0.015)	ND(0.014)	NS	ND(0.012)	NS	NS
Methylene Chloride	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
Propionitrile	ND(0.073) J	ND(0.072) J	NS	ND(0.061) J	NS	NS
Styrene	ND(0.00730)	ND(0.00720)	NS	ND(0.00610)	NS	NS
Tetrachioroethene	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS	NS
foluene rans-1,2-Dichloroethene	ND(0.00730) ND(0.0073)	ND(0.00720) ND(0.0072)	NS	ND(0.00610)	NS	NS
			NS	ND(0.0061)	NS	NS
Irans-1,3-Dichloropropene	ND(0.0073)	ND(0.0072)	NS ND(0.0062)	ND(0.0061)	NS	NS
rans-1,4-Dichloro-2-butene	ND(0.015)	ND(0.014)	ND(0.0063)	ND(0.012)	NS	NS
Trichloroethene	ND(0.0073)	ND(0.0072)	NS	ND(0.0061)	NS I	NS NS
Trichlorofluoromethane	ND(0.0073)	ND(0.0072)	NS NC	ND(0.0051)	NS	NS
/inyl Acetate	ND(0.015) ND(0.015)	ND(0.014)	NS	ND(0.012)	NS NS	NS
vinyl Chloride Xylenes (total)	ND(0.0075)	ND(0.014) ND(0.014)	NS NS	ND(0.012) ND(0.0061)	NS NS	NS

Averaging Area: Sample ID:	4C CRA-6	4C CRA-7	4C CRA-7	4C CRA-8	4C CRA-8	4C CRA-9
Sample Depth(Feet):	4-5	0-2	0-2	2-4	2-5	5-14
Parameter Date Collected:	01/18/01	01/18/01	01/03/02	01/22/01	01/22/01	01/22/01
Semivolatile Organics 1,2,4,5-Tetrachiorobenzene	NS	ND(0.480)	NO	10	L NDV0 4000	ND(0.420)
1,2,4,5-retrachloroberizene	NS NS	ND(0.480)	NS NS	NS NS	ND(0.400) ND(0.400)	ND(0.420)
1.2-Dichlorobenzene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1.2-Diphenylhydrazine	NS	ND(0.48)	ND(0.42)	NS	ND(0.40)	ND(0.42)
1,3,5-Trinitrobenzene	NS	ND(0.970)	NS I	NS	ND(0.810)	ND(0.850)
1,3-Dichlorobenzene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,3-Dinitrobenzene	NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
1.4-Dichlorobenzene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
1,4-Naphthoquinone	NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
1-Naphthylamine	NS	ND(2.40)	NŜ	NS	ND(2.10)	ND(2.20)
2,3,4,6-Tetrachlorophenoi 2,4,5-Trichlorophenoi	NS NS	<u>ND(0.480)</u> ND(0.480)	NS NS	NS NS	ND(0.400) ND(0.400)	ND(0.420) ND(0.420)
2,4,6-Trichlerophenol	NS	ND(0.480)	NS NS	NS NS	ND(0.400)	ND(0.420)
2,4-Dichlorophenol	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4-Dimethylphenol	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,4-Dinitrophenol	NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2,4-Dinitrotoluene	NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
2,6-Dichlerophenol	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2,6-Dinitrotoluene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Acetylaminofluorene	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
2-Chloronaphthalene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2-Chlorophenol 2-Methylnaphthalene	NS NS	ND(0.480) ND(0.480)	NS NS	NS NS	ND(0.400)	ND(0.420)
2-Methylphenol	NS NS	ND(0.480)	NS NS	NS NS	ND(0.400) ND(0.400)	ND(0.420) ND(0.420)
2-Naphthylamine	NS	ND(2.40)	NS	NS	ND(0.400)	ND(0.420)
2-Nitroaniline	NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
2-Nitrophenol	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
2-Picoline	NŚ	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
3&4-Methylphenol	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
3,3'-Dichlorobenzidine	NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
3,3'-Dimethylbenzidine	NS	ND(2.40)	ND(0.420)	NS	ND(2.1) J	ND(2.2) J
3-Methylcholanthrene	NS	ND(0.970)	NS	NS	ND(0.81) J	ND(0.85) J
3-Nitroaniline	NS NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
4,6-Dinitro-2-methylphenol 4-Aminobiphenyl	NS NS	ND(0.480) ND(0.970)	NS NS	NS NS	ND(0.400) ND(0.810)	ND(0.420) ND(0.850)
4-Bromophenyl-phenylether	NS	ND(0.480)	NS NS	NS NS	ND(0.810)	ND(0.850)
4-Chloro-3-Methylphenol	NS	ND(0.480)	NS I	NS	ND(0.400)	ND(0.420)
4-Chioroaniline	NS	ND(0.97) J	NS	NS	ND(0.810)	ND(0.850)
4-Chlorobenzilate	NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
4-Chlorophenyl-phenylether	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
4-Nitroaniline	NS	ND(2.40)	ND(0.850)	NS	ND(2.10)	ND(2.20)
4-Nitrophenol	NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
4-Nitroquinoline-1-oxide	NS NG	ND(2.4) J	NS	NS	ND(2.1) J	ND(2.2) J
4-Phenylenediamine 5-Nitro-o-tojuidine	NS NS	ND(2.40)	NS	NS	ND(2.10)	ND(2.20)
7,12-Dimethylbenz(a)anthracene	NS NS	ND(2.40) ND(0.970)	NS ND(0.850)	NS NS	ND(2.10) ND(0.810)	ND(2.20) ND(0.850)
a,a'-Dimethylphenethylamine	NS	ND(2.40)	NS NS	NS NS	ND(0.810) ND(2.10)	ND(0.850) ND(2.20)
Acenaphthene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Acenaphthylene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Acetophenone	NS	ND(0.48) J	ND(0.420)	NS	ND(0.490)	ND(0.420)
Aniline	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Anthracene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Aramite	NS	ND(0.97) J	NS	NS	ND(0.81) J	ND(0.85) J
Benzidine	NS	ND(0.97)	ND(0.85) J	NS	ND(0.81) J	ND(0.85) J
Benzo(a)anthracene	NS	ND(0.480)	NS NS	NS	ND(0.400)	ND(0.420)
Benzo(a)pyrene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(8.420)
Benzo(b)fluoranthene	NS NS	ND(0.480) ND(0.480)	NS NS	NS NS	ND(0.400) ND(0.400)	ND(0.420)
Benzo(k)fluoranthene	NS NS	ND(0.480)	NS NS	NS NS	ND(0.400)	NO(0.420) ND(0.420)
Benzyl Alcohol	NS	ND(0.970)	NS	NS	ND(0.400)	ND(0.850)
bis(2-Chloroethoxy)methane	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
bis(2-Chloroethyl)ether	NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
bis(2-Chloroisopropyl)ether	NS	NQ(0.48) J	NS	NS	ND(0.40) J	ND(0.42) J

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4C CRA-6	4C CRA-7	4C CRA-7	4C CRA-8	4C CRA-8	4C CRA-9
Sample Depth(Feet):	4-5	0-2	0-2	2-4	2-5	5-14
Parameter Date Collected:	01/18/01	01/18/01	01/03/02	01/22/01	01/22/01	01/22/01
Semivolatile Organics (continued)						
ois(2-Ethylnexyl)phthalate	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Butylbenzylphthalate	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Chrysene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diallate	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Dibenzo(a,h)anthracene	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Diberizofuran	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diethylphthalate	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Dimethylphthalate	NS	ND(0.480)	NS	NS	NO(0.400)	ND(0.420)
Di-n-Butylphthalate	NS	ND(0.480)	NS	N\$	ND(0.400)	ND(0.420)
Di-n-Octylphthalate	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Diphenylamine	NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
Ethyl Methanesulfonate	NS	ND(0.48) J	NS	NS	ND(0.400)	ND(0.420)
luoranthene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Fluorene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
lexachlorobenzene	NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
texachlorobutadiene	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
lexachlorocyclopentadiene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
lexachloroethane	NŠ	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
lexachlorophene	NS	ND(0.97) J	NS	NS	ND(0.81) J	ND(0.85) J
lexachloropropene	NS	ND(0.48) J	NS	NS	ND(0.40) J	ND(0.42) J
ndeno(1,2,3-cd)pyrene	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
sodrin	NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
sophorone	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
sosafrole	NS	ND(0.970)	NS	NS	ND(0.810)	ND(0.850)
Methapyrilene	NS	ND(2.4) J	NS	NS	ND(2.1) J	ND(2.2) J
Methyl Methanesulfonate	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Vaphthalene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Nitrobenzene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosodiethylamine	NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
N-Nitrosodimethylamine	NS	ND(2.48)	ND(0.420)	NS	ND(2.00)	ND(2.10)
N-Nitroso-di-n-butylamine	NS	ND(0.97) J	ND(0.850)	NS	ND(0.810)	ND(0.850)
Nitroso-di-n-propylamine	NŚ	ND(0.970)	ND(0.420)	NS	ND(0.810)	ND(0.850)
V-Nitrosodiphenylamine	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosomethylethylamine	NS	ND(0.970)	ND(0.850)	NS	ND(0.810)	ND(0.850)
N-Nitrosomorpholine	NS	ND(0.480)	NS	NS	ND(0.40) J	ND(0,42) J
V-Nitrosopiperidine	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
N-Nitrosopyrrolidine	NS	ND(0.97) J	ND(0.850)	NŠ	ND(0.810)	ND(0.850)
o.o.o-Triethylphosphorothioate	NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
Toluidine	NS	ND(0.480)	ND(0.420)	NS	ND(0.400)	ND(0.420)
Dimethylaminoazobenzene	NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
entachlorobenzene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
entachloroethane	NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)
entachloronitrobenzene	NS	ND(2.4) J	ND(0.850)	NS	ND(2.1) J	ND(2.2) J
Pentachlorophenol	NS	ND(2.40)	ND(2.20)	NS	ND(2.10)	ND(2.20)
henacetin	NS	ND(2.40)	NS	NS	ND(2.1) J	ND(2.2) J
Phenanthrene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
henol	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pronamide	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
2yrene	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Pyridine	NS	ND(0.48) J	NS	NS	ND(0.400)	ND(0.420)
afrole	NS	ND(0.480)	NS	NS	ND(0.400)	ND(0.420)
Fhionazin	NS	ND(0.48)	NS	NS	ND(0.40)	ND(0.42)

Averaging Area: Sample ID: Sampie Depth(Feet): Parameter Date Collected:	4C CRA-6 4-5 01/18/01	4C CRA-7 0-2 01/18/01	4C CRA-7 0-2 01/03/02	4C CRA-8 2-4 01/22/01	4C CRA-8 2-5 01/22/01	4C CRA-9 5-14 01/22/01
Furans						
2,3,7,8-TCDF	NS	ND(0.00000058)	NS	NS	ND(0.0000093)	ND(0.000011)
TCDFs (total)	NS	0.0000056	NS	NS	ND(0.0000093)	ND(0.000011)
1,2,3,7,8-PeCDF	NS	ND(0.00000023)	NS	NS	ND(0.0000099)	ND(0.000013)
2.3.4.7,8-PeCDF	NS	0.00000052 J	NS	NS	ND(0.0000098)	ND(0.000013)
PeCDFs (total)	NS	0.0000050	NS	NS	ND(0.0000099)	ND(0.000013)
1,2,3,4,7,8-HxCDF	NS	0.00000025 J	NS	NS	ND(0.0000080)	ND(0.0000091)
1,2,3,6,7,8-HxCDF	NS	0 60000024 J	NS	NS	ND(0.0000075)	ND(0.0000084)
1,2,3,7,8.9-HxCDF	NS	ND(0.00000070)	NS	NS	ND(0.0000088)	ND(0.000010)
2,3,4,6,7,8-HxCDF	NS	0.00000042 J	NS	NS	ND(0.0000081)	ND(0.0000092)
HxCDFs (total)	NS	0.0000048	NS	NS	ND(0.0000081)	ND(0.0000091)
1,2,3,4,6,7,8-HpCDF	NS	0.0000095 J	NS	NS	ND(0.0000086)	ND(0.0000094)
1,2,3,4,7,8,9-HpCDF	NS	0.00000014 J	NS	NS	ND(0.000010)	ND(0.000011)
HpCDFs (total)	NS	0.0000026	NS	NS	ND(0.0000094)	ND(0.000010)
OCDF	NS	ND(0.0000022)	NS	NŜ	ND(0.000024)	ND(0.000028)
Dioxins						
2.3.7.8-TCDD	NS	ND(0.00000065)	NS	NS	ND(0.000012)	ND(0.000018)
TCDDs (total)	NS	0.00000018	NS	NS	ND(0.000012)	ND(0.000018)
1.2.3.7.8-PeCDD	NS	ND(0.000000098) X	NS	NS	ND(0.000014)	ND(0.000016)
PeCDDs (total)	NS	0.00000015	NS	NS	ND(0.000014)	ND(0.000016)
1,2,3,4,7,8-HxCDD	NS	ND(0.00000061)	NS	NS	ND(0.000010)	ND(0.000011)
1.2.3.6.7.8-HxCDD	NS	ND(0.00000015) X	NS	NS	ND(0.0000099)	ND(0.000011)
1.2.3.7.8.9-HxCDD	NS	ND(0.00000012) X	NS	NS	ND(0.0000091)	ND(0.000010)
HxCDDs (total)	NS	0.00000026	NS	NS	ND(0.0000097)	ND(0.000011)
1,2,3,4,6,7,8-HpCDD	NS	0.0000022 J	NS	NS	ND(0.000015)	ND(0.000018)
HpCDDs (total)	NS	0.0000044	NS	NS	ND(0.000015)	ND(0.000018)
OCDD	NS	0.000016	NS	NS	ND(0.000037)	ND(0.000036)
Total TEQs (WHO TEFs)	NS	0.0000053	NS	NS	0.000019	0.000025
Inorganics						
Antimony	NS	ND(14.0)	NS	NS	ND(11.0)	ND(11.0)
Arsenic	NS	16.0	NS	NS	ND(18.0)	ND(19.0)
Barium	NS	39.0	NS	NS	ND(36.0)	ND(38.0)
Bervlium	NS	ND(1.40)	NS	NS	0.180	0.320
Cadmium	NS	ND(2.20)	NS	NS	ND(1.80)	ND(1,90)
Chromium	NS	15.0	NS	NS	9.60	10.0
Cobalt	NS	26.0	NS	NS	13.0	11.0
Copper	NS	110	NS	NS	42.0	23.0
Cvanide	NS	ND(1.00)	NS	NS	ND(1.00)	ND(1.00)
Lead	NS	36.0	NS	NS	15.0	10.0
Mercury	NS	ND(0,290)	NS	NS	ND(0.240)	ND(0.250)
Nickel	NS	35.0	NS	NS	23.0	20.0
Selenium	NS	ND(1.40)	NS	NS	ND(0,910)	ND(0.950)
Silver	NS	ND(2.90)	NS	NS	ND(0.910)	ND(0.950)
Sulfide	NS	ND(7.20)	NS	NS	9.50	8,10
Thaliium	NS	ND(2.90)	NS	NS	ND(1.80)	ND(1.90)
Tin	NS	ND(11.0)	NŚ	NS	ND(54.0)	ND(57.0)
Vanadium	NS NS	ND(11.0)	NS	NS	ND(9.10)	ND(9.50)
Zinc	NS	170	NS	NS	61.0	58.0

Parameter /olatile Organics I,1,1,2-Tetrachloro I,1,1-Trichloroethar I,1,2,2-Tetrachloro	Sample ID: ple Depth(Feet): Date Collected:	CRA-9 12-14	CRA-10	CRA-10	CRA-11		
Parameter /olatile Organics I,1,1,2-Tetrachloro I,1,1-Trichloroethar I,1,2,2-Tetrachloro		12-14 1	2-5	4-5		CRA-12	CRA-13
1,1,1,2-Tetrachloroe 1,1,1-Trichloroethar 1,1,2,2-Tetrachloroe		01/22/01	01/22/01	01/22/01	0-2 01/23/01	0-2 01/23/01	5-14 01/23/01
1,1,1-Trichloroethar							
1,2,2-Tetrachloroe	ethane	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
	ne	ND(0.0064)	NŚ	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
	ethane	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1,2-Trichioroethar	ne	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1,1-Dichtoroethane	· · · · · · · · · · · · · · · · · · ·	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
1.1-Dichloroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0059)	NS
,2,3-Trichioropropa		ND(0.0054)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
,2-Dibromo-3-chlo		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
.2-Dibromoethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
.2-Dichloroethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
2-Dichtoropropan	e	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
4-Dioxane	~	ND(0.20) J	NS	ND(0.20) J	ND(0.20) J	ND(0.20) J	NS
-Butanone		ND(0.10)	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS
-Chloro-1,3-butadi	ene	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
-Chloroethylvinyiel		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
-Hexanone		ND(0.013)	NS	ND(0.0087)	ND(0.014)	ND(0.014)	NS
-Chloropropene		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
I-Methγl-2-pentano	A@	ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS NS
<pre>\cetone</pre>	nie		NS NS			······································	
		ND(0.10) ND(0.13)	NS	ND(0.10)	ND(0.10)	ND(0.10)	NS
		····		ND(0.13)	ND(0.14)	ND(0,14)	NS
Acrolein		ND(0.13) J	NS	ND(0.13) J	ND(0.14) J	ND(0 14) J	NS
Crylonitrile		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Benzene		ND(0.00640)	NŚ	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
Bromodichlorometh	lane	ND(0.0064)	NS	NO(0.0067)	ND(0.0070)	ND(0.0069)	NS
Bromoform		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Bromomethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Carbon Disulfide		ND(0.010)	NS	ND(0.010)	ND(0.010)	ND(0.010)	NS
Carbon Tetrachloric	le	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chlorobenzene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chloroethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Chloroform		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Chloromethane		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
is-1,3-Dichloroprop	pene	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dibromochlorometh	nane	ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dibromomethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Dichlorodifluoromet	hane	ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Ethyl Methacrylate		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Ethylbenzene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS
odomethane		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
sobutanol		ND(0.25) J	NS	ND(0.27) J	ND(0.28) J	ND(0.28) J	NS
lethacrylonitrile		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
Methvi Methacrylate	e.	ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
lethylene Chloride		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
Propionitrile		ND(0.064) J	NS	ND(0.067) J	ND(0.070) J	ND(0.069) J	NS NS
Styrene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS NS
etrachioroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	N\$
oluene		ND(0.00640)	NS	ND(0.00670)	ND(0.00700)	ND(0.00690)	NS NS
rans-1,2-Dichloroe	thene	ND(0.0064)	NS	ND(0.0067)	ND(0.00700)	ND(0.00690)	
							NS
rans-1,3-Dichlorop		ND(0.0064)	NS	ND(0.0067)	ND(0.0070)	ND(0.0069)	NS
rans-1,4-Dichloro-2	c-nàraisa	ND(0.013)	NS NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
i richioroethene		ND(0.0064)	NS	ND(0.0067)	ND(0.0079)	ND(0.0069)	NS
richlorofiuorometh	ane Sane	ND(0.0064)	NS	ND(0.0057)	ND(0.0070)	ND(0.0069)	NS
Vinyl Acetate		ND(0.013)	NS	ND(0.013)	ND(0.014)	ND(0.014)	NS
/inyt Chlonde (vienes (total)		ND(0.013) ND(0.0064)	NS NS	ND(0.013) ND(0.0067)	ND(0.014) ND(0.0070)	ND(0.014) ND(0.014)	NS NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4C CRA-9	4C CRA-10	4C CRA-10	4C CRA-11	4C CRA-12	4C CRA-13
Parameter	Sample Depth(Feet): Date Collected:	12-14 01/22/01	2-5 01/22/01	4-5 01/22/01	0-2 01/23/01	0-2 01/23/01	5-14 01/23/01
emivolatile							
and the second se	hlorobenzene	NS	ND(0.440)	NS	ND(0 470)	ND(0.460)	NO(0.540)
2.4-Trichlord		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
2-Dichlorobo	enzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
,2-Diphenylh	ydrazine	NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
,3,5 Trinitrob	enzene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
,3-Dichlorobe	enzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
3-Dinítrober	zene	NS	ND(2.30)	NS	ND(2.4) J	ND(2.3) J	ND(2.80)
,4-Dichlorob		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
,4-Naphthog		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
Naphthylam		NS	ND(2.30)	NS NS	ND(2.40)	ND(2.30)	ND(2.8) J ND(0.540)
.3.4.6-Tetrac		NS	ND(0.440)	the second se	ND(0.470)	ND(0.460) ND(0.460)	ND(0.540)
4.5-Trichlor		NS	ND(0.440)	NS NS	ND(0.470) ND(0.470)	ND(0.460)	ND(0.540)
4.6-Trichlor		NS NS	ND(0.440) ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.340)
4-Dichlorop		NS NS	ND(0.440) ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
4-Dimethylp		NS NS	ND(0.440) ND(2.30)	NS	ND(0.470)	ND(2.30)	ND(0.540)
4-Dinitrophe		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
,6-Dichlorop	and the second	NS NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
.6-Dinitrotolu		NS NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.54) J
Acetylamine		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.1) J
-Chloronaph		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Chiorophen		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Methylnaph		NS	ND(0,440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Methylphen		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Naphthylam		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
Nitroaniline		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
Nitrophenol		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Picoline		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
&4-Methylph	ienol	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
3'-Dichlorot		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
3'-Dimethyi	penzidine	NS	ND(2.3) J	NS	ND(2.4) J	ND(2.3) J	ND(2.8) J
-Methylchola	unthrene	NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.10)
-Nitroaniline		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
,6-Dinitro-2-	methylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Aminobiphe	inyl	NS	ND(0.900)	NS	ND(0.94) J	ND(0.92) J	ND(1,10)
-Bromopher	yl-phenylether	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Chloro-3-M	ethylphenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Chloroanilir	a second second the second	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
-Chlorobenz		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
	yl-phenylether	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
-Nitroaniline		NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
-Nitropheno		NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
-Nitroquínoli		NS	ND(2.3) J	NS	ND(2.4) J	ND(2.3) J ND(2.30)	ND(2.8) J ND(2.80)
-Phenylened		NS NS	ND(2.30)	NS NS	ND(2.40) ND(2.40)	ND(2.30)	ND(2.80)
Nitro o tolu		NS NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.60)
	ibenz(a)anthracene	the second se	ND(0.900) ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.8) J
	phenethylamine	NS NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
cenaphthen		NS NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
cenaphthyle		NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
cetophenon niline	<u>c</u>	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
nthracene		NS NS	ND(0.440)	NS	0 100 J	ND(0.460)	ND(0.540)
nanracene ramite		NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
enzidine	}	NS	ND(0.90) J	I NS	ND(0.94) J	ND(0.92) J	ND(1.1)
enzo(alanth	racone	NS	ND(0.440)	NS	0.560	ND(0.460)	ND(0 540)
enzo(a)pyre		NS	ND(0.440)	NS	0.490	ND(0.460)	ND(0.540)
enzo(a)pyre enzo(a)fiuo		NS	ND(0.440)	NS	0.600	ND(0.460)	ND(0.530)
enzo(g.h.i)c		NS	ND(0.440)	NS	0.180 J	ND(0.460)	ND(0.540)
enzo(g.m.)).		NS	ND(0.440)	NS	0.890	ND(0.460)	ND(0 540)
lenzvi Alcoh		NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
and the second	thoxy)methane	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
is(2-Chloroe		NS	I ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.543)
	sooropyi)ether	NS	ND(0.44) J	I NS	ND(0 470)	ND(0.460)	ND(0.540)

V.VSE_Pittsfield_CD_E.5A_2_South_ConfidentialNotos and DataiPDI DATA8 xis Table B-1 (A) Page 118 of 197

Averaging Area:	40	4Ċ	4C	4C	4C	4C
Sample ID:	CRA-9	CRA-10	CRA-10	CRA-11	CRA-12	CRA-13
Sample Depth(Feet):	12-14	2-5	4-5	0-2	0-2	5-14
Parameter Date Collected:	01/22/01	01/22/01	01/22/01	01/23/01	01/23/01	01/23/01
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Butylbenzylphthalate	NS	ND(0.900)	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
Chrysene	NS	ND(0.440)	NS	1.10	ND(0.460)	ND(0.540)
Diallale	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Dibenzo(a,h)anthracene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1,10)
Dibenzofuran	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Diethylphthalate	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Dimethylphthalate	NŞ	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Di-n-Butylphthalate	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Di-n-Octylphthalate	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Diphenylamine	NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
Ethyl Methanesulfonate	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Fluoranthene	NS	ND(0.440)	NS	2.30	ND(0.460)	ND(0.540)
Fluorene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorobutadiene	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
Hexachlorocyclopentadiene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachloroethane	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Hexachlorophene	NS	ND(0.90) J	NS	ND(0.94) J	ND(0.92) J	ND(1.1) J
Hexachloropropene	NS	ND(0.44) J ND(0.900)	NS NS	ND(0.470)	ND(0.460)	ND(0.54) J
Indeno(1,2,3-cd)pyrene	NS NS		NS	0.200 J	ND(0.920)	ND(1.10)
	NS NS	ND(0.44)	NS NS	ND(0.47)	ND(0.45)	ND(0.54)
Isopharone	NS NS	ND(0.440) ND(0.900)	NS NS	ND(0.470)	ND(0.460)	ND(0.540)
	NS NS	ND(2.3) J	NS NS	ND(0.940)	ND(0.920)	ND(1.10)
Methapyrilene Methyl Methanesulfonate	NS NS	ND(0.440)	NS NS	ND(2.4) J ND(0.470)	ND(2.3) J	ND(2.80)
Naphthalene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Nitrobenzene	NS NS	ND(0.440)	NS NS		ND(0.460)	ND(0.540)
N-Nitrosodiethylamine	NS	ND(0.440)	NS NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitrosodimethylamine	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
N-Nitroso-di-n-butylamine	NS	ND(0.900)	NS	ND(2.30) ND(0.940)	ND(2.20) ND(0.920)	ND(2.70)
N-Nitroso-di-n-propylamine	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
N-Nitrosodiphenylamine	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(1.10) ND(0.540)
N-Nitrosomethylethylamine	NS NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(0.540)
N-Nitrosomorpholine	NS	ND(0.44) J	NS	ND(0.470)	ND(0.460)	ND(0.54) J
N-Nitrosopiperidine	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.54) 3 ND(0.540)
N-Nitrosogyrrolidine	NS	ND(0.900)	NS	ND(0.940)	ND(0.920)	ND(1.10)
o.o.o-Triethylphosphorothioate	NS	ND(0.44)	NS	ND(0.47)	ND(0.46)	ND(0.54)
o-Toluidine	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
p-Dimethylamingazobenzene	NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
Pentachlorobenzene	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pentachloroethane	NS	ND(0.44)	NS	ND(0.47) J	ND(0.46) J	ND(0.54)
Pentachloronitrobenzene	NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.8) J
Pentachlorophenol	NS	ND(2.30)	NS	ND(2.40)	ND(2.30)	ND(2.80)
Phenacetin	NS	ND(2.3) J	NS	ND(2.40)	ND(2.30)	ND(2.80)
Phenanthrene	NS	ND(0.440)	NS	0.670	ND(0.460)	ND(0.540)
Phenol	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pronamide	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Pyrene	NS	NO(0.440)	NS	1.90	ND(0.460)	ND(0.540)
Pyridine	NS	ND(0.440)	NS	ND(0.47) J	ND(0.46) J	ND(0.540)
Safroie	NS	ND(0.440)	NS	ND(0.470)	ND(0.460)	ND(0.540)
Thionazin	NS	ND(0.44)	NS	ND(0,47)	ND(0.46)	ND(0.54)

Averaging Samj Sampie Depth(Parameter Date Coll	ole ID: CRA-9 (Feet): 12-14	4C CRA-10 2-5 01/22/01	4C CRA-10 4-5 01/22/01	4C CRA-11 0-2 01/23/01	4C CRA-12 0-2 01/23/01	4C CRA-13 5-14 01/23/01
Furans						
2,3,7,8-TCDF	NS	ND(0 000011)	NS	0.000012	0.0000020	ND(0.000012)
TCDFs (total)	NS	ND(0.000011)	NS	0.000099 (0.000014	ND(0.000012)
1.2.3.7.6-PeCDF	NS	ND(0.000015)	NS	0.0000033	0.00000064 J	ND(0.000017)
2.3.4.7.8-PeCDF	NS	ND(0.000015)	NS	0.000010	0.0000022 J	ND(0.000017)
PeCDFs (total)	NS	ND(0.000015)	NS	0.000121	0.000028	ND(0.000017)
1.2.3.4.7.8-HxCDF	i NS	ND(0.0000084)	NS	0.0000042	0.0000011 J	ND(0.0000093)
1,2,3,6,7,8-HxCDF	NS	ND(0.0000078)	NS	0.0000037	0.00000098 J	ND(0.0000086)
1.2.3.7.8.9-HxCDF	NS	ND(0.0000092)	NS	ND(0.0000018)	ND(0.00000027)	ND(0.000910)
2.3.4.5.7.8-HxCDF	NS	ND(0.0000085)	NS	0.000010	0.0000023	ND(0.0000094)
HxCDFs (total)	NS	ND(0.0000084)	NS	0.00013	0.000031	ND(0.0000093)
1,2,3,4,6,7,8-HpCDF	NS	ND(0.0000097)	NS	0.000015	0.0000038	ND(0.000012)
1.2.3.4.7.8.9-HoCDF	NS	ND(0.000012)	NS	0.0000015 J	0.00000039 J	ND(0.000014)
HpCDFs (total)	NS	ND(0.000011)	NS	0.000037	0.0000081	ND(0.000013)
OCDF	NS	ND(0.000027)	NS	0.000013	0.0000037 J	ND(0.000029)
Dioxins						
2,3,7,8-TCDD	NS	ND(0.000014)	NS	ND(0.00000021) X	ND(0.00000013) X	ND(0.000021)
TCDDs (total)	NS	ND(0.000014)	NS	0.00000121	ND(0.00000029)	ND(0.000021)
1,2,3,7,8-PeCDD	NS	ND(0.000015)	NS	ND(0.0000020) X	ND(0.0000036) X	ND(0.000018)
PeCDDs (total)	NS	ND(0.000015)	NS	0.0000026	ND(0.00000054)	ND(0.000018)
1,2,3,4,7,8-HxCDD	NS	ND(0.000014)	NS	0.00000036 J	ND(0.000000087)	ND(0.000013)
1.2.3.6.7.8-HxCDD	NS	ND(0.000013)	NS	D.00000077 J	0.00000034 J	ND(0.000013)
1,2,3,7,8,9-HxCDD	NS	ND(0.000012)	NS	0.0000053 J	0.00000016 J	ND(0.000012)
HxCDDs (total)	NS	ND(0.000013)	NS	0.0000078	0 00000051	ND(0.000012)
1,2,3,4,6,7,8-HpCDD	NS	ND(0.000019)	NS	0.000011	0.0000621 J	ND(0.000021)
HpCDDs (total)	NS	ND(0.000019)	NS	0.000023	0.0000042	ND(0.000021)
OCDD	NS	ND(0.000035)	NS	0.000069	ND(0.000016)	ND(0.000036)
Total TEQs (WHO TEFs)	NS	0.000023	NS	0.0000098	0.0000038	0.000029
Inorganics						
Antimony	NS	ND(12.0) J	NS	ND(13.0) J	ND(12.0) J	ND(15.0) J
Arsenic	NS	ND(20.0)	NS	ND(21.0)	ND(15.0)	ND(24.0)
Barium	NS	ND(40.0)	NS	ND(42.0)	31.0	ND(49.0)
Beryllium	NS	0.270	NS	0.340	0.350	0.590
Cadmium	NS	ND(2.00)	NS	ND(2.10)	ND(2.10)	ND(2.40)
Chromium	NS	7.80	NS	10.0	12.0	11.0
Cobait	NS	14.0	NS	14.0	14.0	13.0
Соррег	NS	28.0	NS	47.0	58.0	34.0
Cyanide	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.00)
Lead	NS	18.0 J	NS	64.0	21.0	16.0
Мегсигу	NS	ND(0.270)	NS	ND(0.280)	ND(0.280)	ND(0.330)
Nickel	NS	18.0	NS	25.0	25.0	21.0
Selenium	NS	ND(1.00) J	NS	ND(1.00)	ND(1.00)	ND(1.20)
Silver	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	ND(1.20)
Sulfide	NS	8.40	NS	9.00	13.0	ND(8.20)
Thallium	NS	ND(2.00)	N\$	ND(2.10) J	ND(2.10) J	ND(2.40) J
Tin	NŚ	ND(60.0)	NS	ND(64.0)	ND(62.0)	ND(74.0)
Vanadium	NS	ND(10.0)	NS	ND(10.0)	11.0	ND(12.0)
Zinc	NS	53.0	NS	52.0	57.0	61.0

Averaging Area:	4C	40	4C	4C	4C	4C
Sample ID:	CRA-13	CRA-14	CRA-14	CRA-15	CRA-15	CRA-16
Sample Depth(Feet):	10-12	0-2	0-2	5-14	6-8	0-2
Parameter Date Collected:	01/23/01	01/19/01	01/03/02	01/19/01	01/19/01	01/19/01
Volatile Organics	_					
1,1,1,2-Telrachloroethane	ND(0.0082)	ND(0.0064)	NS i	NS	ND(0.0674)	ND(0.0067)
1,1,1-Trichloroethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1.2,2-Tetrachioroethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1,2-Trichloroethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1.1-Dichloroethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,1-Dichloraetherie	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2,3-Trichloropropane	ND(0.0082)	ND(0.0064)	NO(0.0056)	NS	ND(0.0074)	ND(0.0067)
1.2-Dibromo-3-chloropropane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dibromoethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dichloroethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,2-Dichloropropane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	NS	NŞ	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.10)	ND(0.10)	NS	NS	ND(0.10)	ND(0.10)
2-Chloro-1.3-butadiene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
2-Chloroethylvinylether	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
2-Hexanone	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
3-Chloropropene	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
4-Methyl-2-pentanone	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Acetone	ND(0.10)	ND(0.10)	NS	NS	ND(0.10)	ND(0.10)
Acetonitrile	ND(0.16)	ND(0.13)	NS	NS	ND(0.15)	ND(0.13)
Acrolein	ND(0.16) J	ND(0.13) J	NS	NS	ND(0.15) J	ND(0.13) J
Acrylonitrile	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Benzene	ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
Bromodichloromethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	NO(0.0067)
Bromoform	ND(0.0082)	NØ(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Bromomethane	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Carbon Disulfide	ND(0.010)	ND(0.010)	NS	NS	ND(0.010)	ND(0.010)
Carbon Tetrachloride	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chlorobenzene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chloroethane	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Chloroform	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Chloromethane	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
cis-1,3-Dichloropropene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dibromochloromethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dibromomethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Dichlorodifluoromethane	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Ethyl Methacrylate	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Ethyibenzene	ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
odomethane	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
sobutanol	ND(0.33) J	ND(0.26) J	NS	NS	ND(0.30) J	ND(0.27) J
Methacrylonitrile	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Methyl Methacrylate	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Methylene Chioride	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Propionítrile	ND(0.082) J	ND(0.064) J	NS	NS	ND(0.074) J	ND(0.067) J
Styrene	ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00570)
Tetrachloroethene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Toluene	ND(0.00820)	ND(0.00640)	NS	NS	ND(0.00740)	ND(0.00670)
rans-1,2-Dichlorcethene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
rans-1,3-Dichloropropene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
rans-1,4-Dichloro-2-butenc	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Trichloroethene	ND(0.0082)	ND(0.0064)	NS	NS	ND(0.0074)	ND(0.0067)
Frichlorofluoromethane	ND(0.0082)	ND(9.0064)	NS	NS	ND(0.0074)	ND(0.0067)
vinyl Acetate	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
/inyl Chloride	ND(0.016)	ND(0.013)	NS	NS	ND(0.015)	ND(0.013)
Kylenes (total)	ND(0.0082)	ND(0.013)	NS	NS	ND(0.0074)	ND(0.013)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: · Sample Depth(Feet):	4C CRA-13 10-12	4C CRA-14 0-2	4C CRA-14 0-2	4C CRA-15 5-14	4C CRA-15 6-8	4C CRA-16 0-2
Parameter Date Collected:	01/23/01	01/19/01	01/03/02	01/19/01	01/19/01	01/19/01
Semivolatile Organics						
,2,4,5-Tetrachiorobenzene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
.2.4-Trichlorobenzene	NS	NO(2.10)	NS	ND(0.500)	NS	ND(0.440)
,2-Dichlorobenzene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
,2-Diphenylhydrazine	NS	ND(2.1)	ND(0.37)	ND(0.50)	N5	ND(0.44)
.3,5-Trinitrobenzene	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
.3-Dichlorobenzene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
,3-Dinitrobenzene	NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
,4-Dichlorobenzene	NS	ND(2.10)	NS	ND(0.500)	NS NS	ND(0.440)
.4-Naphthoquinone	NS NS	ND(10.0) ND(10.0)	N\$ NS	ND(2.50) ND(2.50)	NS NS	ND(2.30) ND(2.30)
-Naphthylamine .3.4.6-Tetrachlorophenol	NS	ND(2.10)	NS NS	ND(0.500)	NS NS	ND(0.440)
,4,5-Trichlorophenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
,4.6-Trichlorophenoi	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
,4-Dichlorophenol	NS	ND(2.10)	NS I	ND(0.500)	NS	ND(0.440)
,4-Dimethylphenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
2,4-Dinitrophenol	NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
,4-Dinitrotoluene	NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
.6-Dichlorophenoi	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
,6-Dinitrotoluene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Acetylaminofluorene	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
-Chloronaphthalene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Chlorophenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Methyinaphthalene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Methylphenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Naphthylamine	NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
-Nitroaniline	NS	ND(10.0)	ND(1.90)	ND(2.50)	NS	ND(2.30)
-Nitrophenol	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
-Picoline	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
&4-Methylphenol	NŞ	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
,3'-Dichlorobenzidine	NS	ND(10.0)	ND(0.750)	ND(2.50)	NS	ND(2.30)
,3'-Dimethylbenzidine	NS	ND(10) J	ND(0.370)	ND(2.5) J	NS	ND(2.30)
-Methylcholanthrene	NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.900)
-Nitroaniline	NS	ND(10.0)	ND(1.90)	ND(2.50)	NS	ND(2.30)
,6-Dinitro-2-methylphenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Aminobiphenyl	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
-Bromophenyl-phenylether	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Chioro-3-Methylphenol	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
-Chloroaniline	NS	ND(4.10)	NS ND(0.750)	ND(1.00)	NS	ND(0.90) J
-Chiorobenzilate	NS NS	ND(10.0)	ND(0.750) NS	ND(2.50)	NS	ND(2.30) ND(0.440)
-Chlorophenyl-phenylether	NS	ND(2.10) ND(10.0)	ND(0.750)	ND(0.500) ND(2.50)	NS NS	
-Nitroaniline	NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.30) ND(2.30)
-Nitrophenol	NS	ND(10) J	NS NS	ND(2.5) J ND(2.5) J	NS NS	ND(2.30) ND(2.3) J
-Nitroquineline-1-oxide -Phenylenediamine	NS	ND(10/3 ND(10.0)	NS	ND(2.5) J ND(2.50)	NS	ND(2.30)
-rnenyleneolamine -Nitro-o-toluidine	NS NS	ND(10.0)	NS NS	ND(2.50)	NS	ND(2.30)
.12-Dimethylbenz(a)anthracene	NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(2.30) ND(0.900)
a'-Dimethylphonethylamine	NS	ND(10.0)	NS	ND(2.50)	NS	ND(2.30)
cenaphthene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
cenaphthylene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
cetophenone	NS	ND(2.10)	C.160 J	ND(0.500)	NS	ND(0.44) J
niline	N\$	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
nihracene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
ramite	NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.90) J
enzidine	NS	ND(4.1) J	ND(0.75) J	ND(1.9) J	NS	ND(0.90)
enzo(a)anthracene	NS	ND(2.10)	NS	ND(0.500)	NS	0 330 J
enzo(a)pyrene	NS	ND(2.10)	NS	ND(0.500)	NS	0.350 J
enzo(b)fluoranthene	NS	ND(2.10)	NS	ND(0.500)	NS	0.230 J
enzo(g.h.i)peryiene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
enzo(k)fluoranthene	NS	ND(2.10)	NS	ND(0.500)	NS	0.450
enzyi Alcohol	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
is(2-Chloroethoxy)methane	NS	ND(2.10)	NS	ND(0.509)	NS	ND(0.440)
is(2-Chloroethyl)ether	NS	ND(2.16)	ND(0.370)	ND(0.500)	NS	ND(0.440)
is(2-Chloroisopropyl)ether	NS	ND(2.1) J	NS	ND(0.50) J	NS	ND(0.44) J

V.GE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and Oata/POI DATA8 xls Table B-1 (A) Page 122 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4C	4C	4C	40	4C	4C
Sample ID:	CRA-13	CRA-14	CRA-14	CRA-15	CRA-15	CRA-16
Sample Depth(Feet):	10-12	0-2	0-2	5-14 :	6-8	0-2
Parameter Date Collected:	01/23/01	01/19/01	01/03/02	01/19/01	01/19/01	01/19/01
Semivolatile Organics (continued)						
ss(2-Ethylhexyl)phthalate	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Butylbenzylphthalate	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Chrysene	NS	ND(2.10)	NS	ND(0.500)	NS	0.430 J
Diallate	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Dibenzo(a,h)anthracene	NS	ND(4.10)	NŠ	ND(1.00)	NS	ND(0.900)
Dibenzofuran	NS	ND(2.10)	NS	NO(0.500)	NS	ND(0.440)
Diethylphthalate	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Dimethylphthalate	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Di-n-Butylphthalate	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Di-n-Octylphthalate	NS NS	ND(2.10) ND(2.1)	NS NS	ND(0.500) ND(0.50)	NS NS	ND(0.440)
Diphenylamine	NS		NS NS		NS NS	ND(0.44)
thyl Methanesulfonate	NS	ND(2.10) ND(2.10)	NS	ND(0.500) ND(0.500)	NS NS	ND(0.44) J 0.660
luoranthene	NS	ND(2.10)	NS NS	ND(0.500)	NS NS	ND(0.440)
lubrene lexachlorobenzene	NS	ND(2.10)	ND(0.370)	ND(0.500)	N\$	ND(0.440)
lexachlorobutadiene	NS NS	ND(2.10) ND(4.10)	NS	ND(1.00)	NS NS	ND(0.900)
exachlorocyclopentadiene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
exachloroethane	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
texachlorophene	NS	ND(4.1) J	NS	ND(1.0) J	NS	ND(0.90) J
lexachioropropene	NS	ND(2.1) J	NS	ND(0.50) J	NŜ	ND(0.44) J
ndeno(1,2,3-cd)pyrene	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
sodrin	NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44) J
sophorone	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
sosafroie	NS	ND(4.10)	NS	ND(1.00)	NS	ND(0.900)
Methapyrilene	NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.3) J
Methyl Methanesulfonate	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0,440)
Vaphthalene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
litrobenzene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
V-Nitrosodiethylamine	NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
Nitrosodimethylamine	NS	ND(10.0)	ND(0.370)	ND(2.50)	NS	ND(2.20)
N-Nitroso-di-n-butylamine	NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(0.90) J
N-Nitroso-di-n-propylamine	NŜ	ND(4.10)	ND(0.370)	ND(1.00)	NS	ND(0.900)
N-Nitrosodiphenylamine	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
N-Nitrosomethylethylamine	NS	ND(2.10)	ND(0.750)	ND(1.00)	NS	ND(0.900)
N-Nitrosomorpholine	NS	ND(2,1) J	NS	ND(0.50) J	NS	ND(0.440)
N-Nitrosopiperidine	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
N-Nitrosopyrrolidine	NS	ND(4.10)	ND(0.750)	ND(1.00)	NS	ND(0.90) J
o.o.o-Triethylphosphorothioate	NS	ND(2.1)	NS	ND(0.50)	NS	ND(0.44)
p-Toluidine	NS	ND(2.10)	ND(0.370)	ND(0.500)	NS	ND(0.440)
o-Dimethylaminoazobenzene	NS	ND(10) J	NS	ND(2.5) J	NS	ND(2.30)
Pentachlorobenzene	NS	ND(2.10)	NS	ND(0.500)	NS	ND(0.440)
Pentachioroethane	NS	ND(2.1)	NS ND(0.750)	ND(0.50)	NS	ND(0.44)
Pentachioronitrobenzene	NS NG	ND(10.0)	ND(0.750) ND(1.90)	ND(2.50)	NS	ND(2.3) J
Pentachlorophenol	NS NS	ND(10.0)	ND(1.90) NS	ND(2.50)	NS NS	ND(2.30)
Phenacetin	NS NS	ND(10) J ND(2.10)	NS NS	ND(2.5) J ND(0.500)	NS	ND(2.30) 0.490
Phenanthrene Phenoi	NS NS	ND(2.10)	NS NS	ND(0.500) ND(0.500)	NS	ND(0.440)
Pronamide	NS NS	ND(2.10)	NS NS	ND(0.500)	NS NS	ND(0.440)
······································	NS	ND(2.10)	NS NS	ND(0.500)	NS NS	1.10
Pyrene	NS	ND(2.10)	NS NS	ND(0.500)	NS NS	ND(0.44) J
Pyridine Safrole	NS NS	ND(2.10)	NS NS	ND(0.500)	NS NS	ND(0.440)
Thionazin	NS	ND(2.1)	NS NS	ND(0.50)	NS	ND(0.44)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4C CRA-13 10-12 01/23/01	4C CRA-14 0-2 01/19/01	4C CRA-14 0+2 01/03/02	4C CRA-15 5-14 01/19/01	4C CRA-15 6-8 01/19/01	4C CRA-16 0-2 01/19/01
Furans							
2.3.7.8-TCDF		NS	0.0000055	NS	ND(0.000016)	NS	0.000014
TCDFs (total)		NS	0.000046	NS	ND(0.000016)	NS	0.000131
1.2.3.7.8-PeC	DF	NS	0.0000017 J	NS	ND(0.000029)	NS	0.0000041
2,3,4,7,8-PeC	DF	NS	0.0000028	NS	ND(0.000020)	NS	0.0000054
PeCDFs (total)	NS	0.000032	NS	ND(0.000020)	NS	0 000068 1
1,2,3,4,7,8-Hx	CDF	NS	0.0000019 J	NS	ND(0.00019)	NS	0.0000038
1,2,3,6,7,8-Hx	CDF	NS	0.0000013 J	NS	ND(0.00018)	NS	0 0000027
1,2,3,7,8,9-Hx		NS	0.00000036 J	NS	ND(0.00021)	NS	0.00000061 J
2.3.4,6,7,8-Hx	CDF	NS	0.0000022 J	NS	ND(0.00020)	NS	0.0000042
HxCDFs (total)	NS	0.000029	NS	ND(0.00020)	NS	0.000053
1,2,3,4,6,7,8-	HpCDF	NS	0.0000041	NS	ND(0.000020)	NS	0.0000077
1,2,3,4,7,8,9-	HpCDF	NS	0.00000061 J	NS	ND(0.000024)	NS	0.00000087 J
HpCDFs (tota	}	NS	0.0000092	NS	ND(0.000021)	NS	0.0000151
OCDF		NS	0.0000036 J	NŚ	ND(0.000039)	NS	0.0000053
Dioxins							
2,3,7,8-TCDD		NS	ND(0.00000016) X	NS	ND(0.000017)	NS	ND(0.00000025) X
TCDDs (total)		NS	0.00000042	NS	ND(0.000017)	NS	0.00000241
1,2,3,7,8-PeC	DD	NS	ND(0.0000011) X	NS	ND(0.000029)	NS	ND(0.0000014) X
PeCDDs (tota	1)	NS	0.000000471	NS	ND(0.000029)	NS	0.000000271
1,2,3,4,7,8-Hx	CDD	NS	ND(0.00000017)	NS	ND(0.000079)	NS	0.00000025 J
1,2,3,6,7,8-Hx		NS	ND(0.00000026) X	NS	ND(0.000078)	NS	0.00000054 J
1,2,3,7,8,9-Hx	CDD	NS	ND(0.00000016)	NS	ND(0.000071)	NS	0.00000035 J
HxCDDs (tota	1)	NS	0.0000011	NS	ND(0.000076)	NS	0.0000024
1,2,3,4,6,7,8-1	-IpCDD	NS	0.0000023	NS	ND(0.000031)	NS	0.0000051
HpCDDs (tota	l}	NS	0.0000023	NS	ND(0.000031)	NS	0.000011
OCDD		NS	0.000013	NŞ	ND(0.000036)	NS	0.000029
Total TEQs (V	VHO TEFs)	NS	0.0000033	NS	0.000080	NS	0.0000065
Inorganics							
Antimony		NS	ND(11.0)	NS	ND(13.0)	NS	ND(12.0)
Arsenic		NS	ND(15.0)	NŜ	ND(22.0)	NS	ND(15.0)
Barium		NS	46.0	NŞ	ND(45.0)	NS	36.0
Beryllium		NS	0.230	NS	0.280	NS	0.270
Cadmium		NS	ND(1.90)	NS	ND(2.20)	NS	ND(2.00)
Chromium		NS	29.0	NS	8.40	NS	9.40
Cobalt		NS	11.0	NS	ND(11.0)	NS	11.0
Copper		NS	46.0	NS	ND(22.0)	NS	31.0
Cyanide		NS	4.80	NS	ND(1.00)	NS	ND(1.00)
Lead		NS	26.0	NS	5.00	NS	42.0
Mercury		NS	ND(0.260)	NS	ND(0.300)	NS	ND(0.270)
Nickel		NS	25.0	NS	16.0	NS	19.0
Selenium		NS	ND(0.960)	, NS	ND(1.10)	NS	ND(1.00)
Silver		NS	ND(0.960)	NS	ND(1.10)	NS	ND(1.00)
Sulfide		NŚ	16.0	NS	ND(7.40)	NS	ND(6.70)
Thaliium	······································	NS	ND(1.90)	NS	ND(2.20)	NS	ND(2.00)
Tin		NS	ND(57.0)	NS	ND(67.0)	NS	ND(60.0)
Vanadium		NS	23.0	NS	ND(11.0)	NS	11.0
Zinc		NS	67.0	NS	43.0	NS	70.0

.

	Averaging Area:	4C	4C	40	4C	4C	
	Sample ID:	CRA-17	CRA-17	CRA-18	CRA-18	CRA-19	
	Sample Depth(Feet):	5-14	12-14	0-2	0-2	2-4	
Parameter	Date Collected:	01/19/01	01/19/01	01/23/01	01/03/02	01/23/01	
Volatile Org							
	chiorcethane	NS	ND(0.0064)	ND(0.0067) [ND(0.0376)]	NS	ND(0.0064)	
1,1,1-Trichio		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
	achloroethane	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,1,2-Trichio		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,1-Dichloro		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	<u>NS</u>	ND(0.0064)	
1,1-Dichloroe		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,2,3-Trichlo		NS	ND(0.0064)	ND(0.0067) (ND(0.0076)]	ND(0.0054)	ND(0.0064)	
	-3-chloropropane	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,2-Oibromo		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,2-Dichloro	·····	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,2-Dichloro		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
1,4-Dioxane		NS	ND(0.20) J	ND(0.20) J [ND(0.20)]	NS	ND(0.20) J	
2-Butanone		NS	NÐ(0.10)	ND(0.10) [ND(0.10)]	NS	ND(0.10)	
2-Chioro-1,3		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
2+Chioraethy	·····	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
2-Hexanone		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
3-Chioroprop		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
4-Methyl-2-p	pentanone	NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Acetone		NS	ND(0.10)	ND(0.10) [ND(0.10)]	NS	ND(0.10)	
Acetonitrile		NS	ND(0.13)	ND(0.13) [ND(0.15)]	NS	ND(0.13)	
Acrolein		NS	ND(0.13) J	ND(0.13) J [ND(0.15)]	NS	ND(0.13) J	
Acrylonitrile		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Benzene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)	
Bramodichic	promethane	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Bromotorm		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Bromometha		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Carbon Disu		NS	ND(0.010)	ND(0.010) [ND(0.010)]	NS	ND(0.010)	
Carbon Tetr	achloride	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NŠ	ND(0.0064)	
Chlorobenze		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Chloroethan	e	NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Chlaroform		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Chlorometha		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
cis-1,3-Dich		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Dibromochic		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Dibromomet		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
	oromethane	NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Ethyl Metha		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Ethylbenzen		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NŠ	ND(0.00640)	
lodomethan	e	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Isobutanol		NS	ND(0.25) J	ND(0.27) J [ND(0.30)]	NS	ND(0.26) J	
Methacrylon		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Methyl Meth		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Methylene C		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Propionitrile		NS	ND(0.064) J	ND(0.067) J [ND(0.076)]	NS	ND(0.064) J	
Styrene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)	
Tetrachioroe	ethene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Toluene		NS	ND(0.00640)	ND(0.00670) [ND(0.00760)]	NS	ND(0.00640)	
	chloroethene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
	chloropropene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
·····	chioro-2-butene	NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Trichloroeth		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0064)	
Trichiorofluc		NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	NS	ND(0.0054)	
Vinyi Acetat		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Vinyl Chlorid		NS	ND(0.013)	ND(0.013) [ND(0.015)]	NS	ND(0.013)	
Xylenes (tot	al)	NŞ	NO(0.0064)	ND(0.013) [ND(0.0075)]	NS NS	ND(0.013)	

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4C CRA-17 5-14	4C CRA-17 12-14	4C CRA-18 0-2	4C CRA-18 0-2	4C CRA-19 2-4
Parameter Date Collected:	01/19/01	01/19/01	01/23/01	01/03/02	01/23/01
Semivolatlie Organics					
1.2.4.5-Tetrachlorobenzene	ND(0,500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1.2.4-Trichlorobenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,2-Dichlorobenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NŞ
1,2-Diphenylhydrazine	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
1,3.5-Trinitrobenzene	ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
1,3-Dichlorobenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1,3-Dinitrobenzene	ND(2.50)	NS	ND(2.3) J [ND(2.60)]	NS	NS
1.4-Dichlorobenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1.4-Naphthoguinone	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
I-Naphthylamine	ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS	NS
2,3,4,6-Tetrachlorophenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4.5-Trichlorophenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4,6-Trichlorophenoi	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2.4-Dichlorophenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,4-Dimethylphenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2.4-Dinitrophenol	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
2,4-Dinitrotoluene	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
2.6-Dichlorophenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2,6-Dinitrotoluene	ND(0.500)	NS 1	ND(0.440) [ND(0.50) J]	NS	NS
2.Acetylaminofluorene	ND(1.00)	NS	ND(0.890) [ND(1.0) J]	NS	NS
2-Adetylaminolidorene 2-Chloronaphthalene	ND(0.500)	NS I	ND(0.440) {ND(0.500)}	NS	NS
2-Chlorophenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Methylnaphthalene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
2-Methylphenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
	ND(0.500)	NS NS	ND(0.440) [ND(0.500)] ND(2.30) [ND(2.60)]	NS NS	NS
2-Naphthylamine	ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS NS	NS
2-Nitroaniline		NS NS		NS	
2-Nitrophenol	ND(1.00)	NS	ND(0.890) [ND(1.00)] ND(0.440) [ND(0.500)]	NS	NS NS
2-Picoline	ND(0.500)			NS NS	
3&4-Methylphenol	ND(1.00)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS NS
3,3'-Dichlorobenzidine	ND(2.50)	NS	ND(2.30) [ND(2.6) J]		
3,3'-Dimethylbenzidine	ND(2.50)	NS	ND(2.3) J (ND(2.6) J]	ND(0.360)	NS
3-Methylcholanthrene	ND(1.00)	NS	ND(0.89) J [ND(1.00)]	NS NS	NS
3-Nitroaniline	ND(2.50)	NS	ND(2.30) [ND(2.60)]	In calls where the second a second	NS
4,6-Dinitro-2-methylphenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Aminobiphenyt	ND(1.00)	NS	ND(0.89) J [ND(1.00)]	NS	NS
4-Bromophenyl-phenylether	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Chloro-3-Methylphenol	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
1-Chloroaniline	ND(1.0) J	NS	ND(0.890) [ND(1.00)]	NS	NS
4-Chiorobenzilate	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Chlorophenyl-phenylether	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
4-Nitroaniline	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Nitrophenol	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
4-Nitroquinoline-1-oxide	ND(2.5) J	NS	ND(2.3) J [ND(2.6) J]	NS	NS
4-Phenylenediamine	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
5-Nitro-o-toluidine	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(1.00)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
a,a'-Dimethylphenethylamine	ND(2.50)	NS	ND(2.30) [ND(2.6) J]	NS NS	NS
Acenaphthene	ND(0.500)	NS	0.130 J [ND(0.500)]	NS	NŜ
Acenaphthylene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NG
Acetophenone [ND(0.50) J	NS	ND(0.440) [ND(0.500)]	NS	NS
Anillae	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
Anthracene	ND(0 500)	NS	0.340 J [ND(0.500)]	NS	NS
Vamile	ND(1.0) J	NS	NO(0.89) J [NO(1.0) J]	NS	NS
Senzidine	ND(1.0)	NS	ND(0.89) J [ND(1.0)]	ND(0.72) J	NS
Senzo(a)anthracene	ND(0.500)	NS	1.09 [ND(0.500)]	NS	NS
Benzo(a)pyrene	ND(0.500)	NS	1.00 (ND(0.500)]	NS	NS
Benzo(o)fluoranthene	ND(0.500)	NS	0 840 [ND(0.500)j	NS	NS
Jenzo(q.h.i)perviene	ND(0.500)	NS	0.660 [ND(0.500)]	NS	NS
Benzo(k)/luoranthene	ND(0.500)	NS	1 10 [ND(0.500)]	NS	NS
Benzyl Alcohol	ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
ois(2-Chloroethexy)methane	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
bis(2-Chloroethyl)ether	ND(0.590)	NS	ND(0.440) [ND(0.500)]	ND(0.360)	NS
bis(2-Chloroisporopyl)ether	ND(0.50) J	NS	ND(0.440) [ND(0.500)]	NS	NS

VIGE_Pittelieki_CD_ESA_2_Soulb_Confidential Notes and Data/PDI DATA8.xis Table B-1 (A) Page 120 of 197

Averaging Area:	4C	40	4C	4C	4C
Sample ID:	CRA-17	CRA-17	CRA-18	CRA-18	 CRA-19
Sample Depth(Feet):	5-14	12-14	0-2	0.2	2-4
Parameter Date Collected:	01/19/01	01/19/01	01/23/01	01/03/02	01/23/01
iemivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
iutvibenzviphthalate	ND(1.00)	NS	ND(0.89) J [ND(1.0) J]	NS	NS
Chrysene	ND(0.500)	NS	1.10 [ND(0.500)]	NS	NŚ
Diallate	ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
bibenzo(a,h)anthracene	ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
libenzofuran	ND(0.500)	NS	0.140 J [ND(0.500)]	NS	NS
Diethylphthalate	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
limethylphthalate	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
0i-n-Butylphthalate	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
i-n-Octylphthalate	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
iphenylamine	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
thyl Methanesulfonate	ND(0.50) J	NŜ	ND(0.440) [ND(0.500)]	NS	NS
luoranthene	ND(0.500)	NS	2.10 [ND(0.500)]	NS	NS
luorene	ND(0.500)	NS	0.160 J [ND(0.500)]	NS	NS
iexachlorobenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
exachlorobutadiene	ND(1.00)	NS	ND(0.890) [ND(1.00)]	NS	NS
lexachlorocyclopentadiene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
lexachloroethane	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
lexachiorophene	ND(1.0) J	NS	ND(0.89) J [ND(1.0) J]	NS	NS
exachloropropene	ND(0.50) J	NS NS	ND(0.440) [ND(0.50) J]	NS	NS
	ND(1.00) ND(0.50) J		0.560 J [ND(1.00)]	NS	NS
sodrin		NS	ND(0.44) [ND(0.50)]	N\$	NS
sophorone sosafrole	ND(0.500)	NS NS	ND(0.440) [ND(0.500)]	NS NS	NS
lethapyrilene	ND(1.00)	NS I	ND(0.890) [ND(1.00)]		NS
Aethyl Methanesulfonate	ND(2.5) J ND(0.500)	NS NS	ND(2.3) J [ND(2.60)] ND(0.440) [ND(0.500)]	NS NS	NS NS
laphthalene	ND(0.500)	NS	0.170 J [ND(0.500)]		
litrobenzene	ND(0.500)	NS NS		NS NS	NS NS
I-Nitrosodiethylamine	ND(0.500)	NS NS	ND(0.440) [ND(0.500)]		
I-Nitrosodimethylamine	ND(2.50)	NS	ND(0.440) [ND(0.500)] ND(2.20) [ND(2.50)]	ND(0.360) ND(0.360)	NS NS
I-Nitroso-di-n-butylamine	ND(1.0) J	NS	ND(2.20) [ND(2.50)] ND(0.890) [ND(1.00)]	ND(0.360)	NS
I-Nitreso-di-n-propylamine	ND(1.00)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS NS
-Nitrosodiphenylamine	ND(0.500)	NS	ND(0.440) [ND(0.500)]	ND(0.500) NS	NS
-Nitrosomethylethylamine	ND(0.860)	NS	ND(0.890) [ND(1.00)]	ND(0.720)	NS
I-Nitrasomorpholine	ND(0.500)	NS	ND(0.440) [ND(0.50) J]	NS	NS
-Nitrosopiperidine	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
l-Nitrosopyrrolidine	ND(1.0) J	NS	ND(0.890) (ND(1.00)]	ND(0,720)	NS
,o,o-Triethylphosphorothioate	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	NS
-Toluidine	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
-Dimethylaminoazobenzene	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS 1	NS
entachlorcbenzene	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
entachioroethane	ND(0.50)	NS	ND(0.44) J [ND(0.50)]	NS	NS
entachloronitrobenzene	ND(2.5) J	NS	ND(2.30) [ND(2.6) J]	NS	NS
entachlorophenol	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
henacetin	ND(2.50)	NS	ND(2.30) [ND(2.60)]	NS	NS
henanthrene	ND(0.500)	NS	1.60 [ND(0.500)]	NS	NS
henal	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
ronamide	ND(0.500)	NS	ND(0.440) {ND(0.500)}	NS	NS
yrene	ND(0.500)	NS	2.20 [ND(0.500)]	NS	NS
vidine	ND(0.50) J	NS	ND(0.44) J [ND(0.500)]	NS	NS
afrole	ND(0.500)	NS	ND(0.440) [ND(0.500)]	NS	NS
hionazin	NO(0.50)	NS	ND(0.44) [ND(0.59)]	NS	NS

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4C CRA-17 5-14 01/19/01	4C CRA-17 12-14 01/19/01	4C CRA-18 0-2 01/23/01	4C CRA-18 0-2 01/03/02	4C CRA-19 2-4 01/23/01
Furans						
2,3,7,8-TCDF		ND(0.000018)	NS	0.0000098 [0.0000098]	NS	NS
COFs (total)		ND(0.000018)	NS	0.000080 [0.000091]	NS	NS
1,2,3,7.8-PeCD	F	ND(0.000066)	NS	0.0000039 [0.0000034]	NS	NS
2,3,4,7,8-PeCD	F	ND(0.000065)	NS	0.000012 (0.000012)	NS	NS
² eCDFs (total)		ND(0.000065)	NS	0.000111[0.00012]]	NS	NS
1,2,3,4,7,8-HxC	OF	ND(0.000066)	NS	0.0000048 [0.0000038]	NS	NS
1.2,3,6,7.8-HxC	DF	ND(0.000062)	NS	0.0000038 [0.0000034]	NS	NS
1,2,3,7,8,9-HxC	DF	ND(0.000073)	NS	0.0000011 J [0.0000010 J]	NS	NS
2,3,4,6,7,8-HxC	DF	ND(0.000067)	NS	0.0000068 [0.0000070]	NS	NS
4xCDFs (total)		ND(0.000067)	NS	0.000084 [0.000091]	NS	NS
1.2,3,4,6,7,8-H	DCDF	ND(0.000018)	NS	0.0000094 [0.0000082]	NS	NS
1,2,3,4,7,8,9-H	DÊDÊ	ND(0.000022)	NS	0.0000013 J [0.0000011 J]	NS	NS
HpCDFs (total)		ND(0.000020)	NS	0.000621 [0.000020]	NS	NS
DCDF		ND(0.000029)	NS	0.0000085 [0.0000066]	NS	NS
Dioxins						
2,3,7,8-TCDD		ND(0.000030)	NS	ND(0.00000021) X [ND(0.00000018) X]	NS	NS
CDDs (total)		ND(0.000030)	NS	0.0000014 [0.0000016]	NS	NS
,2,3,7,8-PeCD	D	ND(0.000056)	NS	ND(0.0000024) X [ND(0.0000013) X]	NS	NS
PeCDDs (total)		ND(0.000056)	NS	0.0000022 [0.0000027]	NS	NS
,2,3,4,7,8-HxC	200	ND(0.000045)	NS	0.00000022 J [0.00000021 J]	NS	NS
,2,3,6,7,8-HxC	סס	ND(0.000045)	NS	0.00000065 J [0.00000055 J]	NS	NS
,2,3,7,8,9-HxC	:00	ND(0.000041)	NŚ	0.00000040 J [0.00000033 J]	NS	NS
AxCDDs (total)		ND(0.000044)	NS	0.0000063 [0.0000060]	NS	NS
1,2,3,4,6,7,8-H	pCDD	ND(0.000024)	NS	0.0000079 [0.0000057]	NS	NS
IpCDDs (total)		ND(0.000024)	NS	0.000017 [0.000012]	NS	NS
DCDD		ND(0.000038)	NS	0.000057 [0.000039]	NS	NS
fotal TEQs (WI	HO TEFs)	0.000082	NS	0.000010 [0.0000097]	NS	NS
norganics						
Antimony		ND(12.0)	NS	ND(12.0) J [ND(14.0) J]	NS	NS
Arsenic		ND(19.0)	NS	ND(15.0) [ND(23.0)]	NS	NS
Barium		ND(39.0)	NS	39.0 [ND(46.0)]	NS	NS
Beryllium		0.220	NS	0.300 [0.330]	NS	NS
Cadmium		ND(1.90)	NS	ND(2.00) [ND(2.30)]	NS	NS
Chromium		8.20	NS	12.0 [14.0]	NS	NS
Cobalt		10.0	NS	14.0 [17.0]	NS	NS
Sopper		28.0	NS	56.0 [50.0]	NS	NS
Cyanide		ND(1.00)	NS	ND(1.00) [ND(1.00)]	NS	NS
.ead		12.0	NS	38.0 [34.0]	NS	NS
Aercury		ND(0.260)	NS	ND(0.270) [ND(0.300)]	NS	NS
vickel		17.0	NS	26.0 [30.0]	NS	NS
Selenium		ND(0.970)	NS	ND(1.00) [ND(1.10)]	NS	NS
Silver		ND(0.970)	NS	ND(1.00) [ND(1.10)]	NS	NŜ
Suifide		ND(6.40)	NS	21.0 [29.0]	NS	NS
Fhallium		ND(1.90)	NS	ND(2.00) J [ND(2.30) J]	NŞ	NS
Tin		ND(58.0)	NS	ND(60.0) [ND(68.0)]	NS	NS
Vanadium		ND(9,70)	NS	12.0 [14.0]	NS	NS
Zinc		44.0	NS	69.0 [84.0]	NS	NS

Averaging Area: Sample ID:	4C CRA-19	4C CRA-20	4C CRA-20	4C CRA-21	4C CRA-22
Sample Depth(Feet): Parameter Date Collected:	2-5 01/23/01	2-4 01/31/01	2-5 01/31/01	0-2 01/31/01	5-14 01/31/01
Parameter Date Collected:	01/2.3/01	1 0//0//01	ononai	UNUTION	0.0000
1,1,2-Tetrachloroethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
1,1,1,2-Tetrachioroethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
	NS NS	ND(0.0063)	NS	ND(0.0071)	NS
1.2,2-Tetrachioroethane	NS	ND(0.0063)	NS NS	ND(0.0071)	NS
I,1,2-Trichleroethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
,1-Dichloroethene	NS	ND(0.0063)	NS	ND(0.0071)	NS
.2.3-Trichioropropane	NS	ND(0.0063)	NS	ND(0.0071)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0063)	NS	ND(0.0071)	NS
2-Dibromoethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
,2-Dichloroethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
2-Dichloropropane	NS	ND(0.0063)	NS	ND(0.0071)	NS
4-Dioxane	NS	ND(0.20) J	NS	ND(0.20) J	NS
2-Butanone	NS	ND(0.10)	NS	ND(0.10)	NS
2-Chloro-1,3-butadiene	NS NS	ND(0.0063)	NS	ND(0.0071)	NS
-Chloroethylvinylether	NS	ND(0.0063)	NS	NO(0.0071)	NS
-Chloroennyivaryletner	NS	ND(0.013)	NS	ND(0.014)	NS
-Chloropropene	NS	ND(0.013)	NS	ND(0.014)	NS
4-Methyl-2-pentanone	NS	ND(0.013)	NS	ND(0.014)	NS
Acetone	NS	ND(0.10)	NS	ND(0.10)	NS
Acetonitrile	NS	ND(0.13) J	NS	ND(0.14) J	NS
Acrolein	NS	ND(0.13) J	NS	ND(0.14) J	NS
Acrylonitrile	NS	ND(0,013)	NS	ND(0.014)	NS
Benzena	NS	ND(0.00630)	NS	ND(0.00710)	NS
Bromodichloromethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
Bromoform	NS	ND(0.0063)	NS	ND(0.0071)	NS
Bromomethane	NS	ND(0.013)	NS	ND(0.014)	NS
Carbon Disulfide	NS	ND(0.010)	NS	ND(0.010)	NS
Carbon Tetrachloride	NS	ND(0.0063)	NS	ND(0.0071)	NS
Chlorobenzene	NS	ND(0.0063)	NS	ND(0.0071)	NS
Chloroethane	NS	ND(0.013)	NS	ND(0.014)	NS
Chlaroform	NS	ND(0.0063)	NS	ND(0.0071)	NS
Chloromethane	NS	ND(0.013)	NS	ND(0.014)	NS
cis-1,3-Dichloropropene	NS	ND(0.0063)	NS	ND(0.0071)	NS
Dibromochloromethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
Dibromomethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
Dichlorodifluoromethane	NS	ND(0.013)	NS	ND(0.014)	NŠ
Ethyl Methacrylate	NS	ND(0.013)	NS	ND(0.014)	NS
Ethylbenzene	NS	ND(0.00630)	NS	ND(0.00710)	NS
lodomethane	NS	ND(0.0063)	NS	ND(0.0071)	NS
Isobutanol	NS	ND(0.25) J	NS	ND(0.28) J	NS
Methacrylonitrile	NS	ND(0.013)	NS	ND(0.014)	NS
Methyl Methacrylate	NS	ND(0.013)	NS	ND(0.014)	NS
Methylene Chloride	NS	ND(0.0063)	NS	ND(0.0071)	NS
Propionitrile	NS	ND(0.063) J	NS	ND(0.071) J	NS
Styrene	NS	ND(0.00630)	NS	ND(0.00710)	NS
Tetrachloroethene	NS	ND(0.0063)	NS	ND(0.0071)	NS
Toluene	NS	ND(0.00630)	NS	ND(0.00710)	NS
trans-1,2-Dichloroethene	NS	ND(0.0063)	NS	ND(0.0071)	NS
rans-1.3-Dichloropropene	NS	ND(0.0063)	NS	ND(0.6071)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.013)	NS	ND(0.014)	NS
Trichloroethene	NS	ND(0.0063)	NS	ND(0.0071)	NS
Trichlorofluoromethane	NS	ND(0.0063) J	NS	ND(0.0071) J	NS
Vinyl Acetale	NS	ND(0.013)	NS	ND(0.014)	NS
Vinyl Chlonde	NS	ND(0.013)	NS	ND(0.014)	NS
Xylenes (total)	NS	ND(0.0063)	NS	ND(0.0071)	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4C CRA-19	4C CRA-20	4C CRA-20	4C CRA-21	4C CRA-22
Sample Depth(Feet):	2-5	2-4	2-5	0-2	5-14
Parameter Date Collected:	01/23/01	01/31/01	01/31/01	01/31/01	01/31/01
Semivolatile Organics	10000	6 17N			
1,2,4,5-Tetrachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
1,2,4-Trichiorobenzene	ND(0.430) ND(0.430)	NS NS	ND(0.420) ND(0.420)	ND(0.470) ND(0.470)	ND(0.440)
1.2-Dichlorobenzene	ND(0.43)	NS NS	ND(0.420)	ND(0.470)	ND(0.440) ND(0.44)
I.2-Diphenylhydrazine	ND(0.860)	NS	ND(0.42) ND(0.850)	ND(0.960)	ND(0.900)
1,3-Dichiorobenzene	ND(0.430)	NS NS	ND(0.420)	ND(0.470)	ND(0.440)
1,3-Dichlorobenzene	ND(0.430) ND(2.2) J	NS	ND(2.20)	ND(2.40)	ND(2.30)
1,4-Dichlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
,4-Naphthoguinone	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
I-Naphthylamine	ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
2,3,4,6-Tetrachlorophenoi	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2.4.5-Trichlerophenol	ND(0,430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4,6-Trichlorophenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Dichlorophenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2,4-Dimethylphenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
4-Dinitrophenol	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
2,4-Dinitrotoluene	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
6-Dichlorophenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
6-Dinitrotoluene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Acetylaminofluorene	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
2-Chloronaphthalene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
-Chiorophenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Methylnaphthalene	ND(0.430)	NS	0.130 J	ND(0.470)	ND(0.440)
2-Methylphenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
2-Naphthylamine	ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
2-Nitroaniline	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
2-Nitrophenol	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
2-Picoline	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
3&4-Methylphenol	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
3,3'-Dichlorobenzidine	ND(2.20)	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
3,3'-Dimethylbenzidine	ND(2.2) J	NS	ND(2.20)	ND(2.40)	ND(2.30)
3-Methylcholanthrene	ND(0.86) J	NS NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
3-Nitroaniline	ND(2.20) ND(0.430)	NS	ND(2.20)	ND(2.40)	ND(2.30)
1,6-Dinitro-2-methylphenol	ND(0.86) J	NS	ND(0.420) ND(0.85) J	ND(0.470) ND(0.96) J	ND(0.440)
-Analoophenyl- -Bromophenyl-phenylether	ND(0.430)	NS	ND(0.420)	ND(0.96) 3 ND(0.470)	ND(0.90) J ND(0.440)
I-Chloro-3-Methylphenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
-Chloroaniline	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
I-Chlorobenzilate	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
I-Chlorophenyl-phenylether	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
I-Nitroaniline	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
4-Nitrophenol	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
I-Nitroquinoline-1-oxide	ND(2.2) J	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
I-Phenylenediamine	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
5-Nitro-o-toluidine	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
7,12-Dimethylbenz(a)anthracene	ND(0.860)	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
,a'-Dimethylphenethylamine	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Acenaphthene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Acenaphthylene	ND(0.430)	NS	0.110 J	ND(0.470)	ND(0.440)
cetophenone	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
kniline	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Inthracene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Vramite	ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
Benzidine	ND(0.86) J	NS	ND(0.85)	ND(0.96)	ND(0.90)
Benzo(a)anthracene	ND(0.430)	NS	0.360 J	ND(0.470)	i ND(0.440)
Benzo(a)pyrene	NDI0.430)	NS	0.370 J	ND(0.470)	ND(0.440)
Benzo(b)fluoranihene	ND(0.430)	NS	0.290 J	ND(0.470)	ND(0.440)
Benzo(g.h.i)peryione	ND(0.430)	NS	0.370 J	ND(0.470)	ND(0.440)
enzo(k)/lucranthene	ND(0.430)	NS	0.400 J	ND(0.470)	ND(0.440)
Benzyi Alcohol	ND(0.860)	NS	ND(0.850)	ND(0.969)	ND(0.900)
is(2-Chloroethoxy)methane	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
bis(2-Chloroethyl)ether	ND(0.430)	NS	ND(0.420)	NO(0.470)	ND(0.440)
sist2-Chloroisopropyl)ether	ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J

Vix0E_Pittsheid_CD_ESA_2_South_ConfidentialNotes and DataIPDI DATA8.xis Table 8-1 (A) Page 130 of 197

Averaging Area:	4C	4C	4C	4C	40
Sampie ID:	CRA-19	CRA-20	CRA-20	CRA-21	CRA-22
Sample Depth(Feet):	2-5	2-4	2-5	0-2	5-14
Parameter Date Collected:	01/23/01	01/31/01	01/31/01	01/31/01	01/31/01
Semivolatile Organics (continued)					
is(2-Ethylnexyl)phthalate	ND(0.430)	NŚ	ND(0.420)	ND(0.470)	ND(0.440)
Butylbenzylphthalate	ND(0.86) J	NS	ND(0.850)	ND(0.960)	ND(0.900)
Chrysene	ND(0.430)	NS	0.460	ND(0.470)	ND(0.440)
Diailate	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Dibenzo(a,h)anthracene	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Dibenzofuran	ND(0.430)	NS	0.0890 J	ND(0.470)	ND(0.440)
Diethylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Dimethylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Di-n-Butyiphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Di-n-Octylphthalate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Diphenylamine	ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)
thyi Methanesulfonate	ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
luoranthene	ND(0.430)	NS	0.570	ND(0.470)	ND(0.440)
luorene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
lexachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Hexachlorobutadiene	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
lexachlorocyclopentadiene	ND(0.430)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
lexachloroethane	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
lexachlorophene	ND(0.86) J	NS	ND(0.85) J	ND(0.96) J	ND(0.90) J
lexachloropropene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0,440)
ndeno(1,2,3-cd)pyrene	ND(0.860)	NS	0.330 J	ND(0.960)	ND(0.900)
sodrin	ND(0.43)	NS	ND(0.42)	ND(0.47)	ND(0.44)
sophorone	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
sosafrole	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
Viethapyrilene	ND(2.2) J	NS	ND(2.2) J	ND(2.4) J	ND(2.3) J
Methyl Methanesulfonate	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Naphthalene	ND(0.430)	NS	0 170 J	ND(0.470)	ND(0.440)
Nitrobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosodiethylamine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosodimethylamine	ND(2.10)	NS	ND(2.10)	ND(2.30)	ND(2.20)
N-Nitroso-di-n-butylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0,900)
N-Nitroso-di-n-propylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
N-Nitrosodiphenylamine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosomethylethylamine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
N-Nitrosomorpholine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
-Nitrosopiperidine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
N-Nitrosopyrrolidine	ND(0.860)	NS	ND(0.850)	ND(0.960)	ND(0.900)
o.o.o-Triethylphosphorothioate	ND(0.43)	NS	ND(0.42) J	ND(0.47) J	ND(0.44) J
p-Toluidine	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
p-Dimethylaminoazobenzene	ND(2.20)	NŞ	ND(2.20)	ND(2.40)	ND(2.30)
Pentachlorobenzene	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0,440)
Pentachloroethane	ND(0.43) J	NS	NO(0.42)	ND(0.47)	ND(0.44)
Pentachloronitrobenzene	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Pentachlorophenol	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Phenacetin	ND(2.20)	NS	ND(2.20)	ND(2.40)	ND(2.30)
Phenanthrene	ND(0.430)	NS	0.320 J	ND(0.470)	ND(0.440)
Phenol	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Pronamide	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Pyrene	ND(0.430)	NS	0.560	ND(0.470)	ND(0.440)
Pvridine	ND(0.43) J	NS	ND(0.420)	ND(0.470)	ND(0.440)
Safrole	ND(0.430)	NS	ND(0.420)	ND(0.470)	ND(0.440)
Thionazin	ND(0.43)	NS	ND(0.42)	ND(0.47)	NO(0.44)

Averaging Area Sample ID Sample Depth(Feet) Parameter Date Collected	CRA-19 2-5	4C CRA-20 2-4 01/31/01	4C CRA-20 2-5 01/31/01	4C CRA-21 0-2 01/31/01	4C CRA-22 5-14 01/31/01
Furans			· · · · · · ·		
2,3,7,8-TCDF	ND(0.0000094)	NS	ND(0.000014)	6.0000051J	ND(0.000013)
TCDFs (total)	ND(0.0000094)	NS	ND(0.000014)	0.0000036	ND(0.000013)
1,2,3,7,8-PeCDF	ND(0.000015)	NS	ND(0.0000095)	ND(0.00000023) X	ND(0.000010)
2,3,4,7,8-PeCDF	ND(0.000015)	NS	ND(0.0000093)	0.00000053 J	ND(0.000010)
PeCDFs (total)	ND(0.000015)	NS	ND(0.0000094)	0.0000052	ND(0.000010)
1,2,3,4,7,8-HxCDF	ND(0.0000082)	NS	ND(0.00016)	0.00000043 J	ND(0.00012)
1,2,3,6,7,8-HxCDF	ND(0.0000076)	NS	ND(0.00014)	0.00000038 J	ND(0.00011)
1,2,3,7,8,9-HxCDF	ND(0.0000090)	NS	ND(0.00017)	ND(0.00000010)	ND(0.00013)
2,3,4,6,7,8-HxCDF	ND(0.000083)	NS	ND(0.00016)	0.00000060 J	ND(0.00012)
HxCDFs (total)	ND(0.0000083)	NS	ND(0.00017)	0.0000079	ND(0.00023)
1,2,3,4,6.7.8-HpCDF	ND(0.000013)	NS	ND(0.000042)	0.0000057	ND(0.000045)
1,2,3,4,7,8,9-HpCDF	ND(0.000016)	NS	ND(0.000050)	0.00000044 J	ND(0.000055)
HoCDFs (total)	ND(0.000014)	NS	ND(0.000046)	0.000015	ND(0.000050)
OCDF	ND(0.000021)	NS	ND(0.000031)	0.000018	ND(0.000029)
Dioxins					
2.3.7.8-TCDD	ND(0.000015)	NS	ND(0.000017)	ND(0.000000095)	ND(0.000017)
TCDDs (total)	ND(0.000015)	NS	ND(0.000017)	ND(0.00000042)	ND(0.000017)
1.2.3.7.8-PeCDD	ND(0.000014)	NS	ND(0.000017)	ND(0.00000019) X	ND(0.000017)
PeCDDs (total)	ND(0.000014)	NS	ND(0.000017)	ND(0.00000062)	ND(0.000017)
1,2,3,4,7,8-HxCDD	ND(0.000013)	NS	ND(0.000033)	0.00000026 J	ND(0.00033)
1,2,3,6,7,8-HxCDD	ND(0.000012)	NS	ND(0.000033)	0.00000077 J	ND(0.00032)
1,2,3,7,8,9-HxCDD	ND(0.000011)	NS	ND(0.000030)	0.00000053 J	ND(0.00030)
HxCDDs (total)	ND(0.000012)	NS	ND(0.000032)	0.0000048	ND(0.00032)
1,2,3,4,6,7,8-HpCDD	ND(0.000017)	NS	ND(0.000049)	0.000018	ND(0.00021)
HpCDDs (total)	ND(0.000017)	NS	ND(0.000049)	0.000034	ND(0.00021)
0000	ND(0.000039)	NS	0.00014 J	0.00013	ND(0.000049)
Total TEQs (WHO TEFs)	0.000023	NS	0.000057	0.0000010	0.000093
Inorganics					
Antimony	ND(12.0) J	NS	ND(11.0)	ND(13.0)	ND(12.0)
Arsenic	ND(15.0)	NS	ND(19.0)	ND(21.0)	ND(20.0)
Barium	ND(30.0)	NS	ND(38.0)	ND(43.0)	ND(40.0)
Beryllium	ND(0.190)	NS	0.310	0.310	0.240
Cadmium	ND(1.90)	NS	ND(1.90)	ND(2.10)	ND(2.00)
Chromium	8.90	NS	12.0	11.0	9.80
Cobalt	11.0	NS	14.0	ND(11.0)	12.0
Copper	30.0	NS	58.0	ND(21.0)	ND(20.0)
Cyanide	ND(1.00)	NS	• ND(1.00)	ND(1.00)	ND(1.00)
Lead	14.0	NS	65.0	18.0	8.90
Mercury	ND(0.260)	NS	0.340	ND(0.280)	ND(0.270)
Nickel	18.0	NS	25.0	16,0	23.0
Selenium	ND(0.960)	NS	ND(0.950) J	ND(1.10) J	ND(1.00) J
Silver	ND(0.960)	NS	ND(0.950)	ND(1.10)	ND(1.00)
Sulfide	14 0	NS	30.0	ND(7.10)	ND(6,80)
Thallium	ND(1.90) J	NS	2.50	ND(2.10)	ND(2.00)
Tin	ND(58.0)	NS	ND(57.0)	ND(64-0)	ND(61.0)
Vanadium	ND(9.60)	NS	14.0	11.0	ND(10.0)
Zinc	45.0	NS	130	58.0	56.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	40	4C	4D	4D
Sample ID:	CRA-22	X-17	RAA4-25	RAA4-25
Sample Depth(Feet):	12-14	0-2	0-1	1-3
Parameter Date Collected:	01/31/01	01/31/01	01/02/02	01/02/02
/olatile Organics				
,1,1,2-Tetrachioroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1,1-Trichioroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,1,2,2-Tetrachtoroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1.1.2-Trichloroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1.1-Dichloroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
,1-Dichloroethene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2,3-Trichloropropane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dibromo-3-chloropropane	ND(0.0058)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dibromoethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dichloroethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
1,2-Dichioropropane	ND(0.0068)	NŚ	ND(0.0054)	ND(0.0053) [ND(0.0053)]
I,4-Dioxane	ND(0.20) J	NŠ	ND(0.11) J	ND(0.10) J [ND(0.11) J]
2-Butanone	ND(0.10)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
2-Chloro-1,3-butadiene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
2-Chloroethylvinylether	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
2-Hexanone	ND(0.014)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
3-Chloropropene	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
-Methyl-2-pentanone	ND(0.014)	NS	ND(0.011)	ND(0.010) [ND(0.011)]
Acetone	ND(0.10)	NS	ND(0.022)	ND(0.021) [ND(0.021)]
Acetonitrile	ND(0.14) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Acrolein	ND(0.14) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Acrylonitrile	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Benzene	ND(0.00680)	NS	ND(0.00540)	ND(0.00530) (ND(0.00530)]
Bromodichtoromethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Bromoform	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Bromomethane	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Carbon Disulfide	ND(0.010)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Carbon Tetrachloride	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chlorobenzene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chloroethane	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chieraform	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Chloromethane	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
cis-1,3-Dichloropropene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dibromochloromethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dibromomethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Dichlorodifluoromethane	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Ethyl Methacrylate	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Ethylbenzene	ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
odomethane	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
isobutanol	ND(0.27) J	NS	ND(0.11) J	ND(0.10) J [ND(0.11) J]
Methacrylonitrile	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Methyl Methacrylate	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Methylene Chloride	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Propionitrie	ND(0.068) J	NS NS	ND(0.011) J	ND(0.010) J [ND(0.011) J]
Styrene	ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
Tetrachioroethene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Toluene	ND(0.00680)	NS	ND(0.00540)	ND(0.00530) [ND(0.00530)]
rans-1,2-Dichloroethene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Irans-1.3-Dichloropropene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Irans-1,4-Dichloro-2-butene	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Trichloroethene	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Trichlorofluoromethane	ND(0.0068) J	NS	ND(0.0054) J	ND(0.0053) J [ND(0.0053) J]
Vinyl Acetate	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Vinyl Chloride	ND(0.014)	NS	ND(0.0054)	ND(0.0053) [ND(0.0053)]
Xvienes (total)	ND(0.0068)	NS	ND(0.0054)	ND(0.0053) (ND(0.0053))

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4C CRA-22	4C X-17	4D RAA4-25	4D RAA4-25
Sample Depth(Feet):	12-14	0-2	0-1	1-3
Parameter Date Collected:	01/31/01	01/31/01	01/02/02	01/02/02
Semivolatile Organics				
2,4,5-Tetrachlorobenzene	NS NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,2,4-Trichlorobenzene	NS	NS NS	ND(0.360) ND(0.360)	ND(0.350) [ND(0.350)] ND(0.350) (ND(0.350)]
1,2-Diphenylhydrazine	NS	NS NS	ND(0.36)	ND(0.35) [ND(0.35)]
1.3.5-Trinitrobenzene	NS	NS	ND(0.36) J	ND(0.35) J [ND(0.35) J]
1.3-Dichlorobenzene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,3-Dinitrobenzene	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
t,4-Dichlorobenzene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
1,4-Naphthoquinone	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
1-Naphthylamine	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2.3.4.6-Tetrachlorophenoi	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	NS NS	NS NS	ND(0.360) ND(0.360)	ND(0.350) [ND(0.350)] ND(0.350) [ND(0.350)]
2,4-Dichlorophenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4-Dimethylphenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,4-Dinitrophenol	NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
2,4-Dinitrotoluene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2,6-Dichlorophenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2.6-Dinitrotoluene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Acetylaminofluorene	NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
2-Chloronaphthalene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
2-Chlorophenol 2-Methylnaphthalene	NS NS	NS NS	ND(0.360) ND(0.360)	ND(0.350) [ND(0.350)]
z-memyinaprimaiene 2-Methylphenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)] ND(0.350) [ND(0.350)]
2-Naphthylamine	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2-Nitroaniline	NS	NS	ND(1.8) J	ND(1.8) J [ND(1.8) J]
2-Nitrophenot	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
2-Picoline	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
3&4-Methylphenol	NS	NŜ	ND(0.730)	ND(0.700) [ND(0.710)]
3,3'-Dichiorobenzidine	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
3.3'-Dimethylbenzidine	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
3-Methylcholanthrene	NS NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
3-Nitroaniline 4,6-Dinitro-2-methylphenol	NS	NS NS	ND(1.80) ND(0.360)	ND(1.80) [ND(1.80)]
4.0-Dimmo-2-metryphenor 4-Aminobiohenyl	NS	NS	ND(0.73) J	ND(0.350) [ND(0.350)] ND(0.70) J [ND(0.71) J]
4-Bromophenyl-phenylether	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chloro-3-Methylphenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chloroaniline	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Chlorobenzilate	NŜ	NS	ND(0.730)	ND(0.700) [ND(0.710)]
4-Chlorophenyl-phenylether	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
4-Nitroaniline	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
4-Nitrophenol	NS NO	NS	ND(1.80)	ND(1.80) [ND(1.80)]
4-Nitroguinoline-1-oxide 4-Phenylenediamine	NS NS	NS NS	ND(0.730)	ND(0.700) [ND(0.710)]
5-Nitro-o-toluidine	NS	NS	ND(0.730) ND(0.730)	ND(0.700) [ND(0.710)] ND(0.700) [ND(0.710)]
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
a,a'-Dimethylphenethylamine	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Acenaphtnene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Acenaphthylene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Acetophenone	NS	NS	ND(0.36C)	ND(0.350) [ND(0.350)]
Aniline	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Anthracene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Aramite	NS NS	NS NO	ND(0.73) J	ND(0.70) J [ND(0.71) J]
Benzidine Benzo(a)anthracene	NS NS	<u>NS</u>	0.0846 J	ND(0.70) [ND(0.71)] ND(0.350) [ND(0.350)]
Benzo(a)drienacene	NS	NS NS	ND(0 360)	ND(0.350) [ND(0.350)] ND(0.350) [ND(0.350)]
Benzo(b)fluorantnene	NS T	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Benzo(g,h,i)perviene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Benzo(k)/Puoranthene	NS	NS	0.110 J	NO(0.350) [ND(0.350)]
Benzyl Aicohol	NS I	NS	ND(0.730)	ND(0.700) [ND(0.710)]
bis(2-Chloroethoxy)methane	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
bis(2-Chloroethyl)ether	NS	NS	ND(0.360)	ND(0 350) [ND(0.350)]
bis(2-Chloroisopropyi)ether	MS	NS	ND(0.360)	ND(0.350) [ND(0.350)]

V::GE_Pittsfield_CD_E5A_2_South_ConfidentialNotes and DataiPDFDATA8.xk Table B-1 (B) Page 134 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4C	4C	4D	4D
Sample ID:	CRA-22	X-17	RAA4-25	RAA4-25
Sample Depth(Feet):	12-14	0-2	0-1	1-3
Parameter Date Collected:	01/31/01	01/31/01	01/02/02	01/02/02
Semivolatile Organics (continued)				
sis(2-Ethylhexyl)phthalate	ŃS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Butylbenzylphthalate	NS	NŜ	ND(0.360)	ND(0.350) [ND(0.350)]
Chrysene	NS	NS	0.110 J	ND(0.350) [ND(0.350)]
Dialiate	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Dibenzo(a,h)anthracene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Dibenzofuran	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Diethylphthalate	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Dimethylphthalate	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Di-n-Butylphthalate	NS	NS	ND(0.360)	ND(0.350) (ND(0.350))
Di-n-Octylphthalate	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Diphenylamine	NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
Ethyl Methanesulfonate	NS	NS	ND(0.360)	ND(0.350) (ND(0.350)]
Fluoranthene	NS	NS	0.150 J	ND(0.350) [ND(0.350)]
Fluorene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorobenzene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorobutadiene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorocyclopentadiene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachloroethane	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Hexachlorophene	NS	NS	ND(0.73) J	ND(0.70) J [ND(0.71) J]
Hexachloropropene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Indeno(1,2,3-cd)pyrene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Isodrin	N\$	N\$	ND(0.36)	ND(0.35) [ND(0.35)]
sophorone	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
sosafrole	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Methapyrilene	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Methyl Methanesulfonate	NS NS	NS NS	ND(0.360)	ND(0.350) [ND(0.350)]
Naphthalene		NS	ND(0.360)	ND(0.350) [ND(0.350)]
Nitrobenzene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nilrosodiethylamine	NS NS	NS NS	ND(0.36) J	ND(0.35) J [ND(0.35) J]
N-Nitrosodimethylamine	NS NS	NS NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitroso-di-n-butylamine	NS	NS NS	ND(0.730)	ND(0.700) [ND(0.710)]
N-Nitroso-di-n-propylamine N-Nitrosodiphenylamine	NS	NS	ND(0.360) ND(0.360)	ND(0.350) [ND(0.350)] ND(0.350) [ND(0.350)]
N-Nitrosomethylethylamine	NS	NS NS	ND(0.380)	ND(0.700) [ND(0.710)]
N-Nitrosomorpholine	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosopiperidine	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
N-Nitrosopyrrolidine	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
o,o,o-Triethylphosphorothioate	NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
o-Toluidine	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
p-Dimethylaminoazobenzene	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Pentachlorobenzene	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pentachioroethane	NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]
Pentachloronitrobenzene	NS NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Pentachiorophenol	NS	NS	ND(1.80)	ND(1.80) [ND(1.80)]
Phenacetin	NS	NS	ND(0.730)	ND(0.700) [ND(0.710)]
Phenanthrene	NS	NS	0.0960 J	ND(0.350) [ND(0.359)]
Phenol	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pronamide	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Pyrene	NS	NS	0.150 J	ND(0.350) [ND(0.350)]
Pyridine	NS	NS	ND(0.360)	ND(0.350) [ND(0.350)]
Safrole	NS	NS	NO(0.350)	ND(0.350) [ND(0.350)]
Thiosazin	NS	NS	ND(0.36)	ND(0.35) [ND(0.35)]

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4C CRA-22 12-14 01/31/01	4C X-17 0-2 01/31/01	4D RAA4-25 0-1 01/02/02	4D RAA4-25 1-3 01/02/02
Furans				<u>.</u>
2,3,7,8-TCDF	NS	0.000053	0.000013	0.0000014 [0.0000022]
TCDFs (total)	NS	0.00045 QI	0.000089	0.000011 [0.000018]
1,2,3,7,8-PeCDF	NS	0.000014	0.0000067	0.0000052 J [0.0000086 J]
2.3.4.7.8-PeCDF	NS	0.000021	0.000019	0.0000019 J [0.0000028]
PeCDFs (total)	NS	0.00025 Q	0.00020	0.000016 [0.000024]
1.2.3.4.7.8-HxCDF	NS	0.000011	0.0000071	0.00000095 J [0.0000011 J]
1,2,3,6,7,8-HxCDF	NS	0.0000072	0.000060	D.00000074 J [0.00000080 J]
1.2.3.7.8.9-HxCDF	NS	0.0000018 J	0.0000020 J	ND(0.0000038) [0.0000039 J]
2,3,4,6,7,8-HxCDF	NS	0.000012	0.000012	0.0000014 J [0.0000017 J]
HxCDFs (total)	NS	0.00020	0.00014	0.000015 [0.000021]
1.2.3.4.6.7.8-HpCDF	NS	0.00011	0.000014	0.0000017 J [0.0806022]
1.2.3.4.7.8.9-HpCDF	NS	0.0000028	0.0000017 J	0.00000022 J [0.00000032 J]
HpCDFs (totat)	NŞ	0.00020	0.000033	0.0000019 [0.0000050]
OCDF	NS	0.000059	0.0000086	0.0000012 J [0.0000013 J]
Dioxins				
2.3.7.8-TCDD	NS	ND(0.00000061) X	ND(0.00000010) X	ND(0.00000046) X [ND(0.00000044) X]
TCDDs (total)	NS	0.0000093	0.0000015	0.0000017 [0.0000062]
1.2.3.7,8-PeCDD	NS	ND(0.0000013) X	ND(0.00000024) X	ND(0.00000022) X [ND(0.00000022) X]
PeCDDs (total)	NS	Q 8800000.0	0.0000016	0.0000018 [0.0000063]
1.2,3,4,7,8-HxCDD	NS	0.00000062 J	ND(0.0000026) X	ND(0.0000022) [ND(0.00000030)]
1.2.3.6.7.8-HxCDD	NS	0.0000026	0.00000086 J	ND(0.0000022) [0.00000050 J]
1.2.3.7.8.9-HxCDD	NS	0.0000014 J	ND(0.00000024) X	ND(0.00000022) X [0.00000032 J]
HxCDDs (total)	NS	0.000022	0.0000069	0.0000033 [0.0000062]
1,2,3,4,6,7,8-HpCDD	NS	0.000038	0.000011	0.0000024 [0.0000016 J]
HpCDDs (total)	NS	0.000070	0.000024	0.0000051 [0.0000030]
OCDD	NŜ	0.00025	0.000072	ND(0.000014) [ND(0.0000081)]
Total TEQs (WHO TEFs)	NS	0.000023	0.000014	0.0000017 [0.0000023]
Inorganics				
Antimony	NS	NS	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	NS	NS	4.20	5.20 [4,10]
Barium	NS	NS	23.0	21.0 [ND(20.0)]
Beryllium	NŜ	NS	0.130 B	0.150 B [0.150 B]
Cadmium	NS	NS	0.130 B	ND(0.500) [ND(0.500)]
Chromium	NS	NS	6.80	5.60 [4.70]
Cobalt	NŞ	NS	7.10	8.60 [6.20]
Copper	NS	NS	22.0	19.0 [18.0]
Cyanide	NS	NS	0.130	ND(0.210) [ND(0.110)]
Lead	NS	N\$	21.0	25.0 [22.0]
Мегсигу	NS	NS	0.0120 B	0.0220 B [0.0320 B]
Nickel	NS	NS	13.0	14.0 [10.0]
Selenium	NS	NS	ND(1.00)	ND(1.00) [ND(1.00)]
Silver	NS	NS	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	NS	NS	ND(8.70)	ND(5.30) [ND(25.0)]
Thallium	NS	NS	ND(1.60)	ND(1.60) [ND(1.60)]
Tin	NS	NS	ND(10.0)	4.50 B [ND(10.0)]
Vanadium	NS	NS	8.00	ND(5.00) [ND(5.00)]
Zinc	NS	NS	38.0	32.0 [26.0]

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	4D	4D
Sample ID:	RAA4-26	RAA4-E38	RAA4-E40	RAA4-E42	RAA4-F37
Sample Depth(Feet): Parameter Date Collected:	1-3 01/02/02	0-1 05/14/02	0-1 05/13/02	0-1 01/03/02	0-1
Volatile Organics	01/02/02	03/14/02	03/13/02	01/03/02	03/14/02
1,1,1,2-Tetrachloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1,2,2-Trichloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,1-Dichloroethene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dibromoethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dichloroethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,2-Dichloropropane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
1,4-Dioxane	ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
2-Chloroethylvinylether	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
2-Hexanone	ND(0.011)	ND(0.012) J	ND(0.012) J	ND(0.011)	ND(0.011) J
3-Chloropropene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
4-Methyl-2-pentanone	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)
Acetone	ND(0.021)	ND(0.023)	0.030	ND(0.022)	ND(0.021)
Acetonitrile	ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
Acrolein	ND(0.11) J	ND(0.12) J	ND(0.12)	ND(0.11) J	ND(0.11) J
Acrylonitrile	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Benzene	ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530
Bromodichloromethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Bromoform	ND(0.0053)	ND(0.0058) J	ND(0.0061)	ND(0.0054)	ND(0.0053)
Bromomethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Carbon Disulfide	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Carbon Tetrachloride	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chlorobenzene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chloroethane	ND(0.0053)	ND(0.0058) J	ND(0.0061) J	ND(0.0054) J	ND(0.0053)
Chloroform	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Chloromethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dibromochloromethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dibromomethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Dichlorodifluoromethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Ethyl Methacrylate	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Ethylbenzene	ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
odomethane	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
sobutanol	ND(0.11) J	ND(0.12)	ND(0.12)	ND(0.11) J	ND(0.11)
Methacrylonitrile	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Methyl Methacrylate	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Methylene Chloride	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Propionitrile	ND(0.011) J	ND(0.012)	ND(0.012)	ND(0.011) J	ND(0.011)
Styrene	ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
Tetrachloroethene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
	ND(0.00530)	ND(0.00580)	ND(0.00610)	ND(0.00540)	ND(0.00530)
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
rans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Trichloroethene	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
Trichlorofluoromethane	ND(0.0053) J ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)
	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054) J	ND(0.0053)
Vinyl Chloride	ND(0.0053)	ND(0.0058)	ND(0.0061)	ND(0.0054)	ND(0.0053)

V:\GE_Pittsfield_CD_ESA_2_South_Confidential\Notes and Data\PDi DATA8.xls Table B-1 (B) Page 137 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4D RAA4-26	4D RAA4-E38	4D RAA4-E40	4D RAA4-E42 0-1	4D RAA4-F37
Sample Depth(Feet): Parameter Date Collected:	1-3 01/02/02	0-1 05/14/02	0-1 05/13/02	01/03/02	0-1 05/14/02
Parameter Date Collected: Semivolatile Organics	O HORIOR	00/14/02	03/13/02	01/05/02	03/14/02
1,2,4,5-Tetrachlorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0,360)	ND(0.360)
1,2,4-Trichlorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1.2-Dichlorobenzene	ND(0.350)	ND(0.380)	NO(0.410)	ND(0.360)	ND(0.360)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
1,3,5-Trinitrobenzene	ND(0.35) J	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,3-Dichlorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,3-Dinitrobenzene	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
1,4-Dichlorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
1,4-Naphthoquinone	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.72) J	ND(0.710)
1-Naphthylamine	ND(0.710) ND(0.350)	ND(0.770) ND(0.380)	ND(0.820) ND(0.410)	ND(0.720) ND(0.360)	ND(0.710) ND(0.360)
2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4,6-Trichlorophenot	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dichlorophenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dimethylphenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,4-Dinitrophenol	ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
2,4-Dinitrotoluene	ND(0.350)	ND(0.380)	ND(0.410)	NO(0.360)	ND(0.360)
2,6-Dichlorophenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2,6-Dinitrotoluene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Acetylaminofluorene	ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2-Chioronaphthalene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Chlorophenol 2-Methylnaphthalene	ND(0.350) ND(0.350)	ND(0.380) 0.160 J	ND(0.410) 0.310 J	ND(0.360) ND(0.360)	ND(0.360) ND(0.360)
2-Methylphenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
2-Naphthylamine	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
2-Nitroanilíne	ND(1.8) J	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
2-Nitrophenol	ND(0.710)	ND(0.770)	ND(0.820)	ND(0 720)	ND(0.710)
2-Picoline	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
3&4-Methylphenol	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
3,3'-Dichlorobenzidine	ND(0.710)	ND(0.77) J	ND(0.82) J	ND(0.720)	ND(0.71) J
3.3'-Dimethylbenzidine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
3-Methylcholanthrene	ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
3-Nitroaniline	ND(1.80)	NO(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
4,6-Dinitro-2-methylphenol 4-Aminobiphenyl	ND(0.350) ND(0.71) J	ND(0.380) ND(0.770)	ND(0.410) ND(0.820)	ND(0.360) ND(0.720)	ND(0.360) ND(0.710)
4-Bromophenyl-phenylether	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chloro-3-Methylphenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chloroaniline	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Chlorobenzilate	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
4-Chlorophenyl-phenylether	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
4-Nitroaniline	ND(0.710)	ND(2.00)	ND(2.10)	ND(0.720)	ND(1.80)
4-Nitrophenol	ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
4-Nitroquinoline-1-oxide	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.72) J	ND(0.710)
4-Phenylenediamine	ND(0.710)	ND(0.77) J	ND(0.82) J	ND(0.72) J	ND(0.71) J
5-Nitro-o-toluidine 7,12-Dimethylbenz(a)anthracene	ND(0.710) ND(0.710)	ND(0.770) ND(0.770)	ND(0.820) ND(0.820)	ND(0.720) ND(0.720)	ND(0.710) ND(0.710)
a,a'-Dimethylphenethylamme	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720) ND(0.72) J	ND(0.710)
Acenaphthene	ND(0.350)	0.0830 J	1.60	ND(0.360)	ND(0.360)
Acenaphthylene	ND(0.350)	0,150 J	ND(0.410)	ND(0.360)	0.0950 J
Acetophenone	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Aniline	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Anthracene	ND(0.350)	0.150 J	2 10	ND(0.36C)	0.280 J
Aramite	ND(0.71) J	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Benzidine	ND(0.71)	ND(0.77) J	ND(0.82) J	ND(0.72) J	ND(0.71) j
Benzo(a)enthracono	ND(0.350)	0 460	3.90	0.110 J	0 240 J
Benzo(a)pyrene	ND(0.350)	0.440	2 80	ND(0.360)	C.220 J
Benzo(b)fluorantnene	ND(0.350) ND(0.350)	0.250 J 0.310 J	1.20	0.0820 J ND(0.360)	0.150 J
Benzo(g.h,i)perviene (ND(0.350)	0.310.5	2.90	0.160 J	0.380 0.200 J
Benzyi Alcohol	ND(0.350) ND(0.710)	ND(0.77) J	ND(0.820)	ND(0.720)	ND(0.71) J
bis(2-Chloroethoxy)methane	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
bis(2-Chloroethyl)ether	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
bis(2-Chloroisopropyl)ethor	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)

VtiGE_Pittsfield_CD_ESA_2_South_ConfidentiaNNotes and DatatPDI DATA8 xls Table 8-1 (8) Page 138 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	, 4D	40
Sample (D:	RAA4-25	RAA4-E38	RAA4-E40	RAA4-E42	RAA4-F37
Sample Depth(Feet):	1-3	0-1	0-1	0-1	0-1
Parameter Date Collected:	01/02/02	05/14/02	05/13/02	01/03/02	05/14/02
Semivolatile Organics (continued)					
ois(2-Ethylhexyl)phthalate	ND(0.350)	ND(0.380)	ND(0.400)	0.110 J	ND(0.350)
Butylbenzylphthalate	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Chrysene	ND(0.350)	0.540	3.70	0.140 J	0.200 J
Diallate	ND(0.710)	ND(0.770)	ND(0,820)	ND(0.720)	ND(0.710)
Dibenzo(a,h)anthracene	NO(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Dibenzofuran	ND(0.350)	ND(0.380)	1.00	ND(0.360)	ND(0.360)
Diethylphthalate	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Dimethylphthalate	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Di-n-Butylphthalate	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Di-n-Octylphthalate	ND(0.350)	ND(0.380)	ND(0,410)	ND(0.360)	ND(0.360)
Diphenylamine	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Ethyl Methanesulfonate	ND(0.350)	ND(0.380)	ND(0.410)	NO(0.360)	ND(0.360)
Fluoranthene	ND(0.350)	0.720	11.0	0.220 J	0.400
Fluorene	ND(0.350)	0.140 J	1.40	ND(0.360)	ND(0.360)
Hexachlorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachiorobutadiene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachlorocyclopentadiene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.36) J	ND(0.360)
Hexachloroethane	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Hexachlorophene	ND(0.71) J	ND(0.77)	ND(0.82)	ND(0.72)	ND(0.71)
Hexachloropropene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Indeno(1,2,3-cd)pyrene	ND(0.350)	0.200 J	1.30	ND(0.360)	0.210 J
Isodrin	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Isophorone	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Isosafrole	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Methapyrilene	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Methyl Methanesulfonate	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Naphthalene	ND(0.350)	1.20	1.00	ND(0.360)	ND(0.360)
Nitrobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosodiethylamine	ND(0.35) J	ND(0.380)	ND(0,410)	ND(0.360)	ND(0.360)
N-Nitrosodimethylamine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitroso-di-n-butylamine	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0 710)
N-Nitroso-di-n-propylamine	ND(0.35) J	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosodiphenylamine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosomethylethylamine	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
N-Nitrosomorpholine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosopiperidine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
N-Nitrosopyrrolidine	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
o-Toluidine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
p-Dimethylaminoazobenzene	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Pentachiorobenzene	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pentachioroethane	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.36)
Pentachloronitrobenzene	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Pentachlorophenol	ND(1.80)	ND(2.00)	ND(2.10)	ND(1.80)	ND(1.80)
Phenacetin	ND(0.710)	ND(0.770)	ND(0.820)	ND(0.720)	ND(0.710)
Phenanthrene	ND(0.350)	0.730	11.0	0.140 J	0.220 J
Phenol	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pronamide	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Pyrene	ND(0.350)	0.890	7.10	0.200 J	0.310 J
Pyridine	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	NO(0.359)
Safrole	ND(0.350)	ND(0.380)	ND(0.410)	ND(0.360)	ND(0.360)
Thionazin	ND(0.35)	ND(0.38)	ND(0.41)	ND(0.36)	ND(0.35)

Averaging Area:	4D	4D	4D	4D	40
Sample ID:	RAA4-26	RAA4-E38	RAA4-E40	RAA4-E42	RAA4-F37
Sample Depth(Feet):	1-3	0-1	0-1	0-1	0-1
Parameter Date Collected:	01/02/02	05/14/02	05/13/02	01/03/02	05/14/02
Furans					
2,3,7,8-TCDF	0.0000026	0.000018	0.00012	0.000017	0.000026
TCDFs (total)	0.000015	0.00016 QI	0.00090 Q	0.00014	0.000561
1,2,3,7,8-PeCDF	0.0000014 J	0.0000051	0.000032	0.0000083	0.000016
2,3,4,7,8-PeCDF	0.0000028	0.000016	0.000093	0.000029	0.00020
PeCDFs (total)	0.000028	0.00020 QI	0.00079 QI	0.00030	0.0028 Q
1.2.3,4,7,8-HxCDF	0.0000015 J	0.0000064	0.000035	0.0000089	0.00013 J
1,2,3,6,7,8-HxCDF	0.0000012 J	0.0000076	0.000025	0.0000082	0.000064 J
1,2,3,7,8,9-HxCDF	ND(0 00000022) Q	0.0000019	0.0000074 J	ND(0.0000024)	0.000026
2,3,4,6,7,8-HxCDF	0.0000021 J	0.000025	0.000052	0.000016	0 00018
HxCDFs (total)	0.000024 Q	0.00035	0.00069	0.00022	0.0028 IJ
1,2,3,4,6,7,8-HpCDF	0.0000039	0.000044 J	0.000066	0 000025	0.00026 J
1,2,3,4,7,8,9-HpCDF	0.00000045 J	0.0000028	0.0000078 J	0.0000019 J	0.000064
HpCDFs (total)	0.0000043	0.000098	0.000141	0.000058	0.00076 (J
OCDF	0.0000017 J	0.000022	0.000047	0.000022	0.00053
Dioxins					
2,3,7,8-TCDD	ND(0.000000044) X	0.0000063	0.0000011 J	ND(0.00000045) X	0.00000060
TCDDs (total)	0.0000011	0.0000073	0.0000046	0.0000032	0.000013
1,2,3,7,8-PeCDD	ND(0.00000022) X	ND(0.0000089) X	ND(0.0000036) X	ND(0.00000023) X	ND(0.000011) X
PeCDDs (lotal)	0.0000012	0.000073	0.000016	0.0000048	0.000045 Q
1,2,3,4,7,8-HxCDD	ND(0.00000022)	0.00000066 J	0.0000018 J	0.00000054 J	0.0000045
1,2.3,6,7,8-HxCDD	0.0000034 J	0.0000011 J	0.0000046 J	0.0000016 J	0.000011
1,2,3,7,8,9-HxCDD	ND(0.00000022) Q	0.0000081 J	0.0000030 J	0.0000011 J	0.0000056
HxCDDs (total)	0.0000028 Q	0.000014	0.000050 Q	0.000016	0.00012
1,2,3,4,6,7,8-HpCDD	0.0000022 J	0.000012	0.000034	0.000022	0.000098
HpCDDs (total)	0.0000047	0.000024	0.000073	0.000043	0.00022
OCDD	ND(0.000016)	0.000074	0.00022	0.00017	0.00080
Total TEQs (WHO TEFs)	0.0000025	0.000016	0.000077	0.000021	0.00016
Inorganics	·····				***
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	4.00	4.90	6.30	2.90	2.80
Banum	22.0	30.0	41.0	ND(20.0)	20.0
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	0.0980 B	0.100 B
Cadmium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium	5.20	10 0	8.60	6.20	9.50
Cobalt	5.50	7.40	7.10	ND(5.00)	ND(5.00)
Copper	12.0	19.0	96.0	58.0	25.0
Cyanide	ND(0.210)	0.220 B	0.280	ND(0.220)	0.290
Lead	6.80	19.0	51.0	22.0	21.0
Mercury	0.00530 B	0.180	0.290	0.0580 B	ND(0 110)
Nickel	9.40	14.0	13.0	9.50	9.30
Selenium	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	ND(14.0)	20.0	39.0	8.60	32.0
Thallium	ND(1.60)	ND(1.20)	ND(1.20)	ND(1.60)	ND(1.10)
Tin.	3.50 B	ND(3,90)	ND(4.50)	ND(10.0)	ND(10.0)
Vanadium	ND(5.00)	11.0	11.0	6.10	18.0
Zinc	27.0	58.0	53.0	35.0	65.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4D RAA4-F39	4D RAA4-F41	4D RAA4-F42	4D RAA4-F42	4D RAA4-F43
	0-1 04/22/02	0-1 04/24/02	1-6 05/13/02	5-6 05/13/02	6-8 07/08/02
Volatile Organics			· · · ·		.
1.1.1.2-Tetrachloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1,2-Trichtoroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1-Dichloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,1-Dichloroethene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1.2.3-Trichloropropane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dibromo-3-chloropropane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dibromoethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,2-Dichloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1.2-Dichloropropane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
1,4-Dioxane	ND(0.10) J	ND(0.11) J	NS	ND(0.12)	ND(0.11) J
2-Butanone	ND(0.010)	ND(0.011)	N\$	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
2-Chloroethylvinylether	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
2-Нехалоле	ND(0.010)	ND(0.011)	NS	ND(0.012) J	ND(0.011)
3-Chloropropene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
4-Methyl-2-pentanone	ND(0.010)	ND(0.011)	NS	ND(0.012)	ND(0.013)
Acetone	ND(0.021)	ND(0.021)	NS	0.016 J	ND(0.022)
Acetonitrile	ND(0.10) J	ND(0.11)	NS	ND(0.12)	ND(0.11)
Acrolein	ND(0.10) J	ND(0.11) J	NS	ND(0.12)	ND(0.11) J
Acrylonitrile	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Benzene	ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
Bromodichloromethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Bramoform	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Bromomethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Carbon Disulfide	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Carbon Tetrachloride	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Chlorobenzene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Chloroethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061) J	ND(0.0056)
Chloroform Chloromethane	ND(0.0053) ND(0.0053)	ND(0.0053)	NS NS	ND(0.0061)	ND(0.0056)
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Dibromochloromethane	ND(0.0053)	ND(0.0053) ND(0.0053)	NS NS	ND(0.0061)	ND(0.0056)
Dibromomethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061) ND(0.0061)	ND(0.0056) ND(0.0056)
Dichtorodifluoromethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Ethyl Methacrylate	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Ethylbenzene	ND(0.00530)	ND(0.00530)	NS NS	ND(0.00610)	ND(0.00560)
lodomethane	ND(0.0053)	ND(0.0053)	NS	ND(0.00610)	ND(0.0056)
Isobutanoi	ND(0.10) J	ND(0.11)	NS	ND(0.12)	ND(0.11)
Methacrylonitrile	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Methyl Methacrylate	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Methylene Chloride	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Propionitrile	ND(0.010)	ND(0.011)	NS	ND(0.012)	ND(0.011)
Styrene	ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
Tetrachioroethene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Toluene	ND(0.00530)	ND(0.00530)	NS	ND(0.00610)	ND(0.00560)
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056) J
Trichloroethene	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Trichloroflueromethane	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Vinyi Acetate	ND(0.0053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Vinyi Chioride	ND(0.6053)	ND(0.0053)	NS	ND(0.0061)	ND(0.0056)
Xyienes (total)	ND(0.0053)	ND(0 0053)	NS	ND(0.0051)	ND(0.0056)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4D RAA4-F39 0-1	4D RAA4-F41 0-1	4D RAA4-F42 1-6	4D RAA4-F42 5-6	4D RAA4-F43 6-8
Parameter Date Collected:	04/22/02	04/24/02	05/13/02	05/13/02	07/08/02
Semivolatile Organics				1 Contorer	01700172
1,2,4,5-Tetrachioroberizene	ND(0 350)	ND(0.360)	ND(0.410)	NS	NS
1,2,4-Trichlorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1.2-Dichlorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,2-Diphenylhydrazine	ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
1.3.5-Trinitrobenzene	ND(0.350)	ND(0.360)	ND(0.410)	I NS	NS
1.3-Dichlorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1.3-Dinitrobenzene	ND(0,710)	ND(0.720)	ND(0.820)	NS	NŚ
1,4-Dichlorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
1,4-Naphthoquinone	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
1-Naphthylamine	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2,3,4,6-Tetrachloropheno!	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4,5-Trichlorophenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4,6-Trichlorophenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dichlorophenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dimethylphenoi	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2,4-Dinitrophenol	ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
2,4-Dinitrotoluene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2.6-Dichlorophenol	ND(0.350)	ND(0.360)	ND(0.410)	NŚ	NS
2,6-Dinitrotoluene	ND(0.35) J	ND(0.36) J	ND(0.410)	NS	NS
2-Acetylaminofluorene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2-Chloronaphthalene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Chlorophenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Methylnaphthalene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
2-Methylphenol	ND(0.350)	ND(0.360)	ND(0.410)	NŠ	NS
2-Naphthylamine	ND(0 710)	ND(0.720)	ND(0.820)	NS	NS
2-Nitroaniline	ND(1.80)	ND(1.80)	ND(2.10)	NŚ	NS
2-Nitrophenol	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
2-Picoline	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
3&4-Methylphenol	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
3,3'-Dichlorobenzidine	ND(0.710)	ND(0.720)	ND(0.82) J	NS	NS
3,3'-Dimethylbenzidine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
3-Methylcholanthrene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
3-Nitroaniline	ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
4,6-Dinitro-2-methylphenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Aminobiphenyl	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
4-Bromophenyl-phenylether	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Chloro-3-Methylphenol	ND(0.350) ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
4-Chloroaniline 4-Chlorobenzilate	ND(0.350) ND(0.710)	ND(0.360)	ND(0.410)	NS	NS
4-Chlorophenyl-phenylether	ND(0.350)	ND(0.720)	ND(0.820)	NS	NS
4-Chlorophenyi-phenyiether 4-Nitroaniline	ND(0.350) ND(1.80)	ND(0.360) ND(1.80)	ND(0.410) ND(2.10)	NS	NS
4-Nitrophenol	ND(1.80)	ND(1.80)	ND(2.10)	NS NS	NS
4-Nitroquinoline-1-oxide	ND(0.710)	ND(0.720)	ND(2.30)	NS NS	NS NS
4-Phenylenediamine	ND(0.71) J	ND(0.72) J	ND(0.82) J	NS	NS
5-Nitro-o-toluidine	ND(0.710)	ND(0.720)	ND(0.82) 3	NS	NS
7,12-Dimethylbenz(a)anthracene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS NS
a,a'-Dimethylphenethylamine	ND(0.710)	ND(0.720)	ND(0.820)	NS NS	NS
Acenaphthene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Acenaphthylene	ND(0.350)	ND(0.360)	ND(0.410)	NS NS	NS
Acetophenone	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Aniline	ND(0.350)	ND(0.360)	ND(0.410)	NS I	NS NS
Anthracene	ND(0.350)	0.0980 J	ND(0.410)	NS	NS
Aramite	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Benzidine	ND(0.71) J	ND(0.72)	ND(0.82) J	NS	NS NS
Benzo(a)anthracene	0.190 J	0.310 J	ND(0.410)	NS	NS
Benzo(a)pyrene	0.230 3	0.300 J	ND(0.410)	NS 1	NS
Benzo(b)fluorantheme	0.220 J	0.300 J	ND(0.410)	NS	NS
Benzo(g,h,i)perylene	ND(0.350)	0.180 J	ND(0.410)	NS	NS
Benzo(k)fluoranthene	0.180 J	0.240 J	ND(0.410)	NS	NS
Benzyl Alcohol	NO(0.710)	ND(0.720)	ND(0.820)	NS	NS
ois(2-Chloroethoxy)methane	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
bis(2-Chloroethyl)ether	ND(0.350)	ND(0.360)	ND(0.410)	I NS	NS
sis(2-Chloroisopropyl)ether	ND(0.350)	ND(0.360)	ND(0.410)	NS	MS

VIGE_Pinsfield_CD_ESA_2_South_Confidentia/Notes and DataPDI DATA8.xis Table B-1 (B) Page 142 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4D	4D	4D	4D RAA4-F42	4D
	RAA4-F39		RAA4-F41 RAA4-F42		RAA4-F43
	0-1	0-1	1-6	5-6	6-8
Parameter Date Collected:	04/22/02	04/24/02	05/13/02	05/13/02	07/08/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.350)	ND(0.350)	ND(0.400)	NS	NS
Butylbenzylphthalate	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Chrysene	0.190 J	0.300 J	ND(0.410)	NS	NS
Diallate	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Dibenzo(a,h)anthracene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Dibenzofuran	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Diethylphthalate	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Dimethylphthalate	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Di-n-Butylphthalate	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Di-n-Octylphthalate	ND(0.350)	ND(0.360)	ND(0.410)	NŞ	NS
Diphenylamine	ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
Ethyl Methanesulfonate	ND(0 350)	ND(0.360)	ND(0.410)	NS	NS
luorantherie	0.350 J	0.600	ND(0.410)	NS	NS
luorene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
lexachlorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorobutadiene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
-lexachlorocyclopentadiene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachloroethane	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Hexachlorophene	ND(0.71)	ND(0.72)	ND(0.82)	NS	NS
iexachloropropene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
ndeno(1,2,3-cd)pyrene	ND(0.350)	0.100 J	ND(0.410)	NS	NS
sodrìn	ND(0.35)	ND(0.36)	ND(0.41)	NŚ	NS
sophorone	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
sosafrole	ND(0.710)	ND(0.720)	ND(0.820)	NS	NŚ
vlethapyrilene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Viethyl Methanesulfonate	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Naphthalene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Vitrobenzene	ND(0.350)	ND(0.360)	ND(0,410)	NS	NS
N-Nitrosodiethylamine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
V-Nitrosodimethylamine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitroso-di-n-butylamine	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
N-Nitroso-di-n-propylamine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosodiphenylamine	ND(0.350)	ND(0.360)	ND(0,410)	NS	NS
V-Nitrosomethylethylamine	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
V-Nitrosomorpholine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosopiperidine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
N-Nitrosopyrrolidine	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
>-Toluìdine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
p-Dimethylaminoazobenzene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Pentachiorobenzene	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Pentachloroethane	ND(0.35)	ND(0.36)	ND(0.41)	NS	NS
Pentachloronitrobenzene	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Pentachlorophenol	ND(1.80)	ND(1.80)	ND(2.10)	NS	NS
Phenacetin	ND(0.710)	ND(0.720)	ND(0.820)	NS	NS
Phenanthrene	0.240 J	0.440	ND(0.410)	NS	NS
Phenol	ND(0.350)	ND(0.360)	ND(0.410)	NS	NŠ
Pronamide	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Pyrene	0.440	0.640	ND(0.410)	NS	NS
⁻ yndine	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Safroie	ND(0.350)	ND(0.360)	ND(0.410)	NS	NS
Thionazin	ND(0.35)	ND(0.36)	ND(0.41)	NS	NS

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4D RAA4-F39 0-1 04/22/02	4D RAA4-F41 0-1 04/24/02	4D RAA4-F42 1-6 05/13/02	4D RAA4-F42 5-6 05/13/02	4D RAA4-F43 6-8 07/08/02
Furans					
2.3.7.8-TCDF	0.000017 Y	0.000014 Y	0.00000024 J	NS	NS
(CDFs (total)	0.00014 X	0.00014	0.00000054	NS	NS
1.2.3.7.8-PeCDF	0.0000098	ND(0.0000022) X	0.000000095 J	NŚ	NS
2.3.4.7.8-PeCDF	0.000016	0.0000041 J	ND(0.00000011) X	NŚ	NS
PeCDFs (total)	0.00026 X	0.00012	0.00000054	NS	NS
1,2,3,4,7,8-HxCDF	0.003036	0.0000093	ND(0 00000086) X	NS	NS
1.2.3.6.7.8-HxCDF	0.000011	0.0000027 JB	ND(0.00000013) X	NS	NS
1,2,3,7,8,9-HxCDF	0.000011	0.0000012 JB	ND(0.0000030)	NS	NS
2.3.4,6.7.8-HxCDF	0.000014	0.0000025 J	0.000000067 J	NS	NS
HxCDFs (total)	0.00025 X	0.000056	0.00000080	NS	NS
1,2,3,4,6,7,8-HpCDF	0.000039	0.0000065	ND(0.00000021) X	NS	NS
1,2,3,4,7,8,9-HpCDF	0.0000088	ND(0.00000099) X	ND(0.00000030)	NS	NS
IpCDFs (lotal)	0.000091	0.0000065	ND(0.00000019)	NS	NS
DCDF	0.000085	ND(0.0000054) X	ND(0.00000017) X	NS	NS
Dioxins			<u> </u>		
2.3.7.8-TCDD	ND(0.00000021) X	ND(0.00000012) X	ND(0.00000014)	NS	NŞ
CDDs (total)	0.0000012 Q	0.0000011	0.00000053	NS	NS
1,2,3,7,8-PeCDD	ND(0.000000090)	ND(0.00000010)	ND(0.00000060) X	NS	NS
PeCDDs (total)	0.0000043	ND(0.0000013) X	0.00000075	NS	NS
1,2,3,4,7,8-HxCDD	ND(0.00000020)	0.00000036 JB	ND(0.0000030)	NS	NS
1,2,3,6,7,8-HxCDD	0.0000017 J	0.00000048 JB	ND(0.0000030)	NS	NS
1,2,3,7,8,9-HxCDD	ND(0.0000012) X	0.00000049 JB	ND(0.00000030)	NS	NS
4xCDDs (total)	0.0000040	0.0000047	ND(0.0000030)	NS	NS
1,2,3,4,6,7,8-HpCDD	0.000022	0.0000064	ND(0.00000048)	NS	NS
HpCDDs (total)	0.000065	0.000030	ND(0.00000091)	NS	NS
DCDD	0.00020	0.000860	ND(0.0000045)	NS	NS
Total TEQs (WHO TEFs)	0.000019	0.0000055	0.00000024	NS	NS
norganics					
Antimony	1.30 B	ND(6.00)	ND(6.00)	NS	NS
\rsenic	4.60	9.00	8.20	NS	NS
Barium	23.0	39.0	28.0	NS	NS
Beryllium	0.140 B	ND(0.500)	ND(0.500)	NS	NS
Cadmium	ND(0.500)	1.00	0.130 B	NS	NS
Chromium	8.20	9.40	13.0	N\$	NS
Cobait	6.20	8.60	13.0	NŞ	NS
Copper	34.0	53.0	28.0	NS	NS
Cyanide	ND(0.210)	ND(0.210)	ND(0.120)	NS	NS
ead	130	36.0 J	11.0	NS	NS
Mercury	0.068 J	ND(0.110)	ND(0.120)	NS	NS
Vickel	12.0	24.0	23.0	NS	NS
Selenium	ND(1.00)	ND(1.00) 3	ND(1.00) J	NS	NS
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NS	NS
Suffide	24.0	14.0	22.0	NS	NS
Thallium	ND(1.10) J	ND(1.10) J	ND(1.20)	NS	NS
Tin	4.00 B	ND(10.0)	ND(3.70)	NS	NS
Vanadium	8.40	12.0	10.0	NS	NS
Zinc	43.0	54.0	70.0	NS	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4D RAA4-F43	4D RAA4-G36	4D RAA4-G38	4D RAA4-G38	4D RAA4-G38
Sample To: Sample Depth(Feet):	6-15	0-1	0-1	1-6	3-5
Parameter Date Collected:	07/08/02	05/14/02	04/23/02	04/23/02	04/23/02
Volatile Organics					
1,1,1,2-Tetrachloroetnane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0 0057)
1,1,1-Trichloroethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1,2,2-Tetrachioroethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1,2-Trichloroethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1-Dichloroethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1,1-Dichloroethene	NS	ND(0.0056)	ND(0.0056)	ŃS	ND(0.0057)
1,2,3-Trichloropropane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1.2-Dibromo-3-chloropropane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
,2-Dibromoethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1.2-Dichloroethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
1.2-Dichloropropane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
.4-Dioxane	NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
2-Butanone	NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3-butadiene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.8057)
2-Chloroethylvinylether	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
2-Hexanone	NS	ND(0.011) J	ND(0.011) J	NS	ND(0.011) J
3-Chloropropene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
4-Methyl-2-pentanone	NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
Acetone	NS	ND(0.022)	0.018 J	NS	0.019 J
Acetonitrile	NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrolein	NS	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Benzene	NS	ND(0.00560)	0.00400 J	NS	ND(0.00570)
Bromodichloromethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Bromoform	NS	ND(0.0056) J	ND(0.0056)	NS	ND(0.0057)
Bromomethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Carbon Disulfide	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Carbon Tetrachloride	NS 1	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chiorobenzene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chloroethane	NS	ND(0.0056) J	ND(0.0056)	NS	ND(0.0057)
Chioroform	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Chioromethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
cis-1,3-Dichloropropene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Dibromochloromethane	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Dibromomethane	NS	ND(0.0056)	ND(0.0056)	NS NS	ND(0.0057)
Dichlorodifluoromethane	NS	ND(0.0056)	ND(0.0056)		ND(0.0057)
Ethyl Methacrylate	NS NS	ND(0.0056) ND(0.00560)	ND(0.0056) ND(0.00560)	NS NS	ND(0.0057)
Ethylbenzene	NS	ND(0.00560)	ND(0.0056)	NS	ND(0.00570) ND(0.0057)
lodomethane Isobutanol	NS	ND(0.0056)	ND(0.11) J	NS	ND(0.0057)
Methacrylonitrile	NS NS	ND(0.0056)	ND(0.0056)	NS NS	ND(0.0057)
Methacryloniune Methyl Methacrylate	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Methylene Chloride	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Propionitrile	NS	ND(0.011)	ND(0.011)	NS	ND(0.011)
Styrene	NS	ND(0.00560)	ND(0.00560)	NS	ND(0.00570)
Tetrachloroethene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Toluene	NS	ND(0.00560)	ND(0.00560)	NS	ND(0.00570)
trans-1,2-Dichloroethene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
trans-1,3-Dichloropropene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
trans-1.4-Dichloro-2-butene	NS	ND(0.0056)	ND(0.0056)	NS	ND(0.0057)
Trichloroethene	NS	ND(0.0056)	ND(0.0056)	NS NS	ND(0.0057)
······································	NS	ND(0.0056)	ND(0.0056)	NS NS	ND(0.0057)
Trichlorofiuoromethane	NS	ND(0.0056)	ND(0.0056) J	NS	
Vinyl Acetate	NS NS	ND(0.0056)	ND(0.0056) J	NS NS	ND(0.0057) J ND(0.0057)
Xvienes (total)	NS NS	ND(0.0056)	ND(0.0056)	NS NS	ND(0.0057)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4D RAA4-F43 6-15	4D RAA4-G36 0-1	4D RAA4-G38 0-1	4D RAA4-G38 1-5	4D RAA4-G38 3-5
	07/08/02	05/14/02	04/23/02	04/23/02	04/23/02
	07/08/02	03/14/02	04/23/02	04/23/02	1 04/23/02
Semivolatile Organics				The state of the state of the	1
1,2,4,5-Tetrachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
1,2,4-Trichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	Í NS
1.2-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS NS
2-Diphenylhydrazine	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS NS
1,3,5-Trinitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS NS
1,3-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
3-Dinitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
1,4-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Naphthoquinone	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
I-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2,3,4,6-Tetrachlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4,5-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4,6-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2.4-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4-Dimethylphenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,4-Dinitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
,4-Dinitrotoluene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
6-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2,6-Dinitratoluene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Acetylaminofluorene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
-Chloroлaphthalene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Chlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Methylnaphthalene	ND(0.370)	ND(0.370)	ND(0.380)	0.100 J	NS
-Methylphenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
2-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
2-Nitrophenol	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
2-Picoline	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
3&4-Methylphenol	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
3,3'-Dichlorobenzidine	ND(0.74) J	ND(0.74) J	ND(0.750)	ND(0.760)	NS
3.3'-Dimethyloenzidine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
3-Methylcholanthrene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
3-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
1,6-Dinitro-2-methylphenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
I-Aminobiphenyl	ND(0.740)	ND(0.740)	ND(0 750)	ND(0.760)	NS
4-Bromophenyl-phenylether	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Chloro-3-Methylphenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Chloroaniline	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
-Chlorobenzilate	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
4-Chiorophenyl-phenylether	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
I-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
4-Nitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
I-Nitroquinotine-1-oxide	ND(0.740)	ND(1.90) ND(0.740)	ND(0.750)	ND(0.760)	NS NS
-Phenylenediamine	ND(0.74) J	ND(0.74) J	ND(0.75) J	ND(0.76) J	NS NS
5-Nitro-o-toluidine	ND(0.74) 3	ND(0.74) J ND(0.740)	ND(0.75) J	ND(0.76) 3	NS NS
12-Dimethylbenz(a)anthracene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	· · · · · · · · · · · · · · · · · · ·
, 12-Dimethylphenethylamine	ND(0.740)	ND(0.740) ND(0.740)	ND(0.750)		NS MS
				ND(0.760)	NS
Acenaphthene	ND(0.370)	ND(0 370)	ND(0.380)	0.0880 J	NS
Acenaphthylene	ND(0.370)	ND(0.370)	ND(0.380)	0.110 J	NS
Acetophenone	ND(0.370)	ND(0.370)	ND(0.380)	NÖ(0.380)	NS NS
Nniline	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
vothracene	ND(0.370)	ND(0.370)	0.0980 J	0.310 J	NS
vramite	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS NS
Senzidine	ND(0.74) J	ND(0.74) J	ND(0.75)	ND(0.76)	NS
Senzo(a)anthracene	ND(0.370)	ND(0.370)	0.290 J	1.10	NS
Benzo(a)pyrene	ND(0.370)	ND(0.376)	0 290 J	1.10	NS
Benzo(b)fluoranthene	ND(0.370)	ND(0.370) 1	0.250 J	1.10	NS NS
Benzo(g.h,i)perviene	ND(0.370)	NO(0.370)	0.300 J	0.840	NS
Benzo(k)fluoranthene	ND(0.370)	ND(0.370)	0.270 J	0.730	NS
Benzyl Alcohol	ND(0.740)	ND(0.74) J	ND(0.750)	ND(0.766)	NS
is(2-Chloroethoxy)methane	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
bis(2-Chloroethyl)ether	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
bis(2-Chloroisopropyl)ether	ND(0.37) J	ND(0.370)	ND(0.380)	ND(0.380)	NS

VIGE_Pittsfield_CD_ESA_2_South_ConfidentialNotes and Data/PDI DATA8.xis Table 8-1 (B) Page 146 of 197

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4D	4D	4D	4D	4D
Sample ID:	RAA4-F43	RAA4-G36	RAA4-G38	RAA4-G38	RAA4-G38
Sample Depth(Feet):	6-15	0-1	0-1	1-6	3-5
arameter Date Collected:	07/08/02	05/14/02	04/23/02	04/23/02	04/23/02
Semivolatile Organics (continued)					
iis(2-Ethylhexyl)phthalate	ND(0.370)	ND(0.370)	ND(0.370)	ND(0.370)	NS
Butylbenzylphtbalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Chrysene	ND(0.370)	ND(0.370)	0.280 J	1.00	I NS
Diatlate	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Dibenzo(a,h)anthracane	ND(0.370)	ND(0.370)	ND(0.380)	0.510	<u>NS</u>
Dibenzofuran	ND(0.370)	ND(0.370)	ND(0.380)	G 0760 J	NS
Diethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Dimethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Di-n-Butylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Di-n-Octylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Diphenylamine	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
thyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
luoranthene	ND(0.370)	ND(0.370)	0.460	1.60	NS
luorene	ND(0.370)	ND(0.370)	ND(0.380)	0.170 J	NS
lexachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
lexachlorobutadiene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Hexachlorocyclopentadiene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS NS
lexachloroethane	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
lexachlorophene	ND(0.74)	ND(0.74)	ND(0.75)	ND(0.76)	NS
lexachloropropene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
ndeno(1,2,3-cd)pyrene	ND(0.370)	ND(0.370)	0.310 J	0.700	NS
sodrin	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
sophorone	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
sosafrole	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
vlethapynlene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
dethyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
laphthalene	ND(0.370)	ND(0.370)	0.300 J	0.310 J	NS
vitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
V-Nitrosodiethylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosodimethylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
4-Nitroso-di-n-butylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	<u>NS</u>
V-Nitroso-di-n-propylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
V-Nitrosodipheriylamine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
N-Nitrosomethylethylamine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
N-Nitrosomorpholine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
v-Nitrosopiperidine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
V-Nitrosopyrrolidine	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
o.o.o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
>-Toluidine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
o-Dimethylaminoazobenzene	ND(0.749)	ND(0.740)	ND(0.750)	ND(0,760)	NS
Pentachiorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Pentachloroethane	ND(0.37)	ND(0.37)	ND(0.38)	ND(0.38)	NS
Pentachloronitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Pentachlorophenol	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.90)	NS
henacetin	ND(0.740)	ND(0.740)	ND(0.750)	ND(0.760)	NS
Phenanthrene	ND(0.370)	ND(0.370)	0.390	1.30	NS
Phenol	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Pronamide	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
² yrene	ND(0.370)	ND(0.370)	0.600	2.80	NS
Pyridine	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS
Bafroie I	ND(0.370)	ND(0.370)	ND(0.380)	ND(0.380)	NS

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

Averaging Area Sample ID Sample Depth(Feet) Parameter Date Collected	RAA4-F43 6-15	4D RAA4-G36 0-1 05/14/02	4D RAA4-G38 0-1 04/23/02	4D RAA4-G38 1-8 04/23/02	4D RAA4-G38 3-5 04/23/02
Furans	· · · · · · · · · · · · · · · · · · ·				
2.3.7.8-1CDF	ND(0.00000010)	0.0000045	0.000021 Y	0.000019 Y	NS
TCDFs (total)	ND(0.00000010)	0.000030	0.00017 EJ	0.00014 X	NS
1.2.3.7.8-PeCDF	ND(0.00000025)	0.0000016 J	0.0000070	ND(0.0000061) X	NS
2,3,4,7,8-PeCDF	ND(0.000000048)	0.0000026	0.000013	0.000013 J	NS
PeCDFs (total)	ND(0.00000048)	0.000026	0.00030 X	0.00021 X	NŠ
1,2,3,4,7,8-HxCDF	ND(0.00000032) X	0.0000016 J	0.000096	0.000069	NS
1,2,3,6,7,8-HxCDF	0.000000056 J	0.0000013 J	ND(0.000029) X	0.000014	NS
1,2,3,7,8,9-HxCDF	ND(0.00000025)	0.00000024 J	ND(0.000080) X	ND(0.000039) X	NS
2,3,4,6,7,8-HxCDF	ND(0.00000025)	0.0000017 J	0.000023	0.000013	NS
HxCDFs (total)	ND(0.00000011)	0.000021 J	0.00049 X	0.00022 X	NS
1,2,3,4,6,7,8-HpCDF	0.00000070 J	0.0000033 J	0.00014	0.000097	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000025)	0.00000032	0.000040	0.000026	NS
HpCDFs (total)	ND(0.00000070)	0.0000060 J	0.00033	0.00023	NS
OCDF	ND(0.00000050)	0.0000024 J	0.00025	0.00019	NS
Dioxins					
2.3.7.8-TCDD	ND(0.00000010)	ND(0.00000014)	ND(0.00000073) X	ND(0,00000050)	NS
TCDDs (total)	ND(0.0000038)	0.00000020 J	0.0000092 Q	0.000020	NS
1.2.3.7.8-PeCDD	ND(0.00000025)	ND(0.00000019) X	0.0000037 J	0.0000020 J	NS
PeCDDs (total)	ND(0.00000042)	0.00000033	0.0000054 Q	0.0000080	NS
1,2,3,4,7,8-HxCDD	ND(0.00000025)	ND(0.00000023)	ND(0.0000030) X	0.0000026 J	NS
1,2,3,6,7,8-HxCDD	ND(0.00000025)	ND(0.00000023)	0.0000080	ND(0.0000056) X	NS
1.2.3.7.8.9-HxCDD	ND(0.00000025)	ND(0.00000023)	0.0000061	0.0000036 J	NS
HxCDDs (total)	ND(0.00000025)	ND(0.00000023)	0.000053	0.000036	NS
1,2,3,4,6,7,8-HpCDD	ND(0.0000034) X	0.0000017 J	0.000060	0.000040	NS
HpCDDs (total)	ND(0.0000025)	0.0000035	0.00013	0.000083	NS
OCDD	ND(0.0000024)	0.000012	0.00035	0.00035 J	NS
Total TEQs (WHO TEFs)	0.00000027	0.0000026	0 000034	0.000025	NS
norganics					
Antimony	ND(6.00)	1.20 B	ND(6.00)	ND(6.00)	NS
Arsenic	6,40	6.90	5.10	13.0	NS
Barium	45.0	ND(20.0)	38.0	82.0	NS
Beryllium	ND(0.500)	0.140 B	ND(0.500)	ND(0.500)	NS
Cadmium	ND(0.500)	ND(0.500)	0.690	1.80	NS
Chromium	8.20	7.90	14.0	30.0	NS
Cobait	8.20	9.10	6.40	7.80	NS
Copper	11.0	42.0	110	170	NS
Cyanide	ND(0.110)	ND(0.220)	0.270	0.970	NS
Lead	6.00	16.0	84.0	300	NS
Mercury	0.00440 B	ND(0.110)	0.160	0.290	NS
Nickel	14.0	16.0	14.0	19.0	NS
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	0.650 B	NS
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Sulfide	ND(5.60)	16.0	70.0	34.0	NS
Thallium	2.00	ND(1.10)	ND(1.10) J	ND(1.10) J	NS
Тіл	ND(3.60)	ND(4.40)	ND(12.0)	19.0	NS
Vanadium	6.90	10.0	17.0	19.0	NS
Zinc	35.0	48.0	78.0	120	NS

Averaging Area: Sample ID:	4D RAA4-H33	4D RAA4-H34	4D RAA4-H34	4D RAA4-H35	4D RAA4-133
Sample Depth(Feet):	0-1	1-6	2-4	0-1	0-1
Parameter Date Collected:	06/20/02	06/06/02	06/06/02	04/23/02	06/05/02
/olatile Organics					
,1,1,2-Tetrachloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1.1.1-Trichloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
1,2,2-Tetrachloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.1,2-Trichloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
,1-Dichloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.1-Dichtoroethene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
,2,3-Trichloropropane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.2-Dibromo-3-chloropropane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.2-Dibromoethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.2-Dichtoroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
.2-Dichloropropane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
,4-Dioxane	ND(0.13) [ND(0.13)]	N\$	ND(0.12) J	ND(0.11) J	ND(0.13)
-Butanone	ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
-Chloro-1,3-butadiene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
-Chloroethylvinylether	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
-Hexanone	ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011) J	ND(0.013)
-Chloropropene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
-Methyl-2-pentanone	ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
cetone	0.016 J [0.026]	NS	ND(0.023)	0.013 J	0.056
cetonitrile	ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
crotein	ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
crylonitrile	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
lenzene	ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
iromodichloromethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
sromoform	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Bromomethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Carbon Disulfide	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Carbon Tetrachloride	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chiorobenzene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
hloroethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	NO(0.0057)	ND(0.0064)
Chioroform	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Chloromethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
is-1,3-Dichloropropene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Dibromochioromethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Dibromomethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
thyl Methacrylate	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
thylbenzene	ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
odomethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
sobutanol	ND(0.13) [ND(0.13)]	NS	ND(0.12)	ND(0.11) J	ND(0.13)
fethacrylonitrile	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
ethyl Methacrylate	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
lethylene Chloride	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
ropionitrile	ND(0.013) [ND(0.013)]	NS	ND(0.012)	ND(0.011)	ND(0.013)
tyrene	ND(0.0064) [ND(0.0064)]	NS	ND(0.00580)	ND(0.00570)	ND(0.0064)
etrachioroethene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
oluene	ND(0.0064) [ND(0.0064)]	NS	NO(0.00580)	ND(0.00576)	ND(0.0064)
ans-1,2-Dichloroethene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	NO(0.0064)
ans-1,3-Dichloropropene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
rans-1,4-Dichloro-2-butene	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
richloroethene	ND(0.0064) (ND(0.0064))	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
richtoroflucromethane	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
/inyl Acetate	ND(0.0064) [ND(0.0054)]	NS	ND(0.0058)	ND(0.0057) J	ND(0.0064)
/invi Chloride	ND(0.0064) [ND(0.0064)]	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)
Vienes (total)	ND(0.0064) (ND(0.0064))	NS	ND(0.0058)	ND(0.0057)	ND(0.0064)

Averaging Area: Sample (D: Samula Danth (Feetback	4D RAA4-H33	4D RAA4-H34	40 RAA4-H34	4D RAA4-H35	4D RAA4-133
-Sample Depth(Feet): Parameter Date Collected:	0-1 06/20/02	1-6	2-4	0-1	0-1
	06/20/02	06/06/02	06/06/02	04/23/02	06/06/02
Semivolatile Organics	F1. (4. 1535.27) 4.155. 11				
1.2.4.5-Tetrachiorobenzene	R (ND(0.43) J)	ND(0.430)	NS	ND(0.490)	ND(0.590)
1.2-Dichlorobenzene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
1.2-Diphenylhydrazine	R [ND(0.43) J] R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
1,3-Dichlorobenzene	R [ND(0.43) J]	ND(0.430) ND(0.430)	NS NS	ND(0.490)	ND(0.590)
.3-Dinitrobenzene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.490) ND(0.760)	ND(0.590)
	R [ND(0.43) J]	ND(0.780)	NS NS	ND(0.490)	ND(0.850)
4-Naphthoguinone	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.590) ND(0.850)
1-Naphthylamine	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2,3,4,6-Tetrachiorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4,5-Trichlorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4,6-Trichlorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dichlorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dimethylphenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,4-Dinitrophenol	ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
.4-Dinitrotoluene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2,6-Dichlorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2.6-Dinitrotoluene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Acetylaminofluorene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
2-Chloronaphthaiene	R (ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Chlorophenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Methylnaphthalene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
2-Methylphenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Naphthylamine	R [ND(0.86) J]	ND(0.780)	NŠ	ND(0.760)	ND(0.850)
2-Nitroaniline	R [ND(2.2) J]	ND(2.10)	NS	ND(2.40)	ND(3.00)
-Nitrophenol	ND(0.860) [ND(0.860)]	ND(0.780)	NS	ND(0.760)	ND(0.850)
-Picoline	R [ND(0.43) J]	ND(0.430)	NS	ND(0,490)	ND(0.590)
884-Methylphenol	ND(0.860) [ND(0.860)]	ND(0.780)	NS	ND(0.760)	ND(0.850)
3'-Dichlorobenzidine	R [ND(0.86) J]	ND(0.85) J	NS	ND(0.980)	ND(1.2) J
3,3'-Dimethylbenzidine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
3-Methylcholanthrene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
-Nitroaniline	R [ND(2.2) J]	ND(2.10)	NS	ND(2.40)	ND(3.00)
.6-Dinitro-2-methylphenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Aminobiphenyl	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
-Bromophenyl-phenylether	R (ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Chloro-3-Methylphenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Chloroaniline	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Chlorobenzilate	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
-Chlorophenyl-phenylether	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Nitroaniline	R [ND(2.2) J]	ND(2.00)	NS	ND(1.90)	ND(2.20)
-Nitrophenol	ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
-Nitroquinoline-1-oxide	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
-Phenylenediamine	R [ND(0.86) J]	ND(0.780)	NS	ND(0.76) J	ND(0.850)
-Nitro-o-toluidine 12-Dimethylbenz(a)anthracene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
, 12-Dimethylpenz(a)annracene	R [ND(0.86) J] R [ND(0.86) J]	ND(0.780) ND(0.780)	NS NS	ND(0.760)	ND(0.850)
censphihene	R [ND(0.86) J]	ND(0.780) ND(0.430)		ND(0.760)	ND(0.850)
cenaphthyiene	R (ND(0.43) J) R (ND(0.43) J)	ND(0.430)	NS NS	ND(0.490)	ND(0.590)
kcetophenone	R [ND(0.43) J]	ND(0.430)	NS NS	ND(0.490) ND(0.490)	ND(0.590)
vitine	R [0.20 J]	ND(0.430)	NS NS	ND(0.490) (ND(0.590)
Anthracene	R (ND(0.43) J)	ND(0.430)	NS NS	ND(0.490) ND(0.490)	1.10 ND(0.500)
Jamite	R [ND(0.86) J]	ND(0.780)	NB NS		ND(0.590)
lenzicine	R [ND(0.86) J]	ND(0.7507 ND(0.85)	NS NS	ND(0.760) ND(0.98)	ND(0.850) ND(1.2)
ienzo(a)anthracene	R [ND(0.43) J]	ND(0.65) ND(0.430)	NS NS	ND(0.490) (ND(1.2) ND(0.590)
lenzo(a)pyrene	R [ND(0.43) J]	ND(0.430)	NS NS	ND(0.490)	ND(0.590)
Senzo(b)fluoranthene	R [ND(0 43) J]	ND(0.430)	NS NS	ND(0.490)	ND(0.590)
enzo(g.h.i)perytene	R (ND(0.43) J1	ND(0.430)	NS NS	ND(0.490)	ND(0.590)
Benzo(k)fluoranthene	R [ND(0.43) J]	ND(9.430)	NS NS	ND(0.490)	ND(0.590)
enzyl Alcohal	ND(0.86) J [ND(0.860)]	ND(0.850)	NS	ND(0.980)	ND(0.590) ND(1.20)
is(2-Chlorgethoxy)methane	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
is(2-Chloroethyl)ether	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
is(2-Chloroisopropyi)ether	R ND(0.43) J!	ND(0.430)	NS	ND(0.490)	ND(0.590)

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

Averaging Area: Sample ID:	4D RAA4-H33	4D RAA4-H34	40 RAA4-H34	4D RAA4-H35	4D RAA4-133
Sample Depth(Feet):	0-1	1-6	2-4	0-1	0-1
Parameter Date Collected:	06/20/02	06/06/02	06/06/02	04/23/02	06/06/02
Semivolatile Organics (continued)			· · · · · · · · · · · · · · · · · · ·	······	
nis(2-Ethylhexyt)phthalate	R [ND(0.42) J]	ND(0.380)	NS	ND(0.370)	ND(0.420)
Butylbenzylphthalate	R (ND(0.43) J)	ND(0.430)	NS	ND(0.490)	ND(0.590)
Chrysene	R (ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diallate	R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Dibenzo(a,h)anthracene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Dibenzofuran	R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diethylphthalate	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Dimethylphthalate	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Di-n-Butylphthalate	R [ND(0.43) J]	ND(0.430)	NS	NO(0.490)	ND(0.590)
Di-n-Octylphthalate	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Diphenylamine	R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
thyl Methanesulfonate	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
luoranthene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	0.320 J
luorene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
lexachlorobenzene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
lexachlorobutadiene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
lexachlorocyclopentadiene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
texachloroethane	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
lexachlorophene	R [ND(0.86) J]	ND(0.85)	NS	ND(0.98)	ND(1.2)
lexachloropropene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
ndeno(1,2,3-cd)pyrene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
sodrin	R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
sophorone	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
sosafroie	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Aethapyritene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Aethyl Methanesulfonate	R [ND(0.43) J}	ND(0.430)	NS	ND(0.490)	ND(0.590)
Naphthalene	R [ND(0.86) J]	ND(0.430)	NŚ	ND(0.490)	ND(0,590)
Vitrobenzene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitrosodiethylamine	Ř [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Nitrosodimethylamine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
N-Nitroso-di-n-butylamine	R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
N-Nitroso-di-n-propylamine	R [ND(0.86) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Nitrosodiphenylamine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
-Nitrosomethylethylamine	R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
Nitrosomorpholine	R [ND(0.86) J]	ND(0.430)	NS	ND(0,490)	ND(0.590)
-Nitrosopiperidine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.690)
I-Nitrosopyrrolidine	R [ND(0.43) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
.o,o-Triethylphosphorothioate	R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
Toluidine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Dimethylaminoazobenzene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
entachlorobenzene	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
entachloroethane	R [ND(0.43) J]	ND(0.43)	NS	ND(0.49)	ND(0.59)
entachloronitrobenzene	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
entachlorophenol	ND(2.20) [ND(2.20)]	ND(2.10)	NS	ND(2.40)	ND(3.00)
henacetin	R [ND(0.86) J]	ND(0.780)	NS	ND(0.760)	ND(0.850)
henanthrene	R [0,10 J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Phenol	ND(0.420) [ND(0.430)]	ND(0.430)	NS	ND(0.490)	ND(0.590)
Pronamide	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
yrene	R [0.12 J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
lyndine	R [ND(0.43) J]	ND(0.430)	NS	ND(0.490)	ND(0.590)
bafrole	R (ND(0.43) J)	ND(0.430)	NS	ND(0.490)	ND(0.590)
Inionazin {	R (ND(0.43) J1	ND(0.43)	NS	ND(0.49)	ND(0.59)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4D RAA4-H33 0-1 06/20/02	4D RAA4-H34 1-6 06/06/02	4D RAA4-H34 2-4 06/06/02	4D RAA4-H35 0-1 04/23/02	4D RAA4-I33 0-1 06/06/02
Furans						
2.3.7.8-TCDF		0.00050 YEJ (0.00037 Y)	0.00010 Y	NS	0.000041 Y	0.00033 Y
TCDFs (total		0.0040 1 [0.0031 1]	0.00071	NS	0 00023	0.000351
1,2,3,7,8-Pe	· · · · · · · · · · · · · · · · · · ·	0.00019 [0.00015]	0.000059	NS	0.000015	0.00017
2.3.4.7.8-Pe0		0.00021 [0.00016]	0.000067	NS	0.000014	0.00015
PeCDFs (tota	· · · · · · · · · · · · · · · · · · ·	0.00221[0.00171]	0.00060 [NS	0.00016 X	0.0016 OI
1.2.3.4.7.8 H		0.00017 [0.00013]	0.000048	NS	0.000017	0.00016
1.2.3.6.7.8-H		0.00010 [0.000078]	0.000030	NS	0.0000094	0.000087
1.2.3.7.8.9-H		0.000017 [0.000015]	0.0000065	NS	ND(0.0000014) X	0.000019
2,3,4,6,7,8-H		0.000097 [0.000074]	0.000032	NS	0.0000088	0.000093
HxCDFs (tota		0.0013 [0.0010]	0.00036	NS	0.00013	0.0012
1,2,3,4,6,7,8		0.00019 [0.00015]	0.000037	NS	0.000022	0.00019
1.2.3.4.7.8.9		0.000025 10.0000201	0.0000058	NS	0.0000023 J	0.000026
HoCDFs (tota		0.00033 [0.00026]	0.000072	NS	0.000042	0.00040
OCDF		0.00014 [0.00012]	0.000021	NS	0.000011	0.00018
Dioxins					1	0.00010
2.3.7.8-TCDI	<u> </u>	0.0000034 {0.0000028}	0.00000081 J	NS	ND(0.00000036) X	0.0000027
TCDDs (total		0.000078 [0.000062]	0.0000080	NS	0.0000016	0.000042
1.2.3.7.8 Pc		ND(0.000069) X (0.000053)	ND(0.0000018) X	NŜ	ND(0.00000073) X	ND(0.0000087) X
PeCDDs (tot		0.000056 [0.000053]	0.0000061	NS	ND(0.0000023) X	0.000017
1,2,3,4,7,8-H	/	0.0000042 [0.0000032]	0.0000011 J	NS	ND(0.00000041) X	0.0000040
1,2,3,6,7,8-H		0.0000056 [0.0000044]	0.0000036	NS	ND(0.0000060) X	0.0000092
1.2.3.7.8.9-H		0.0000043 [0.0000031]	0.0000017 J	NŜ	0.00000069 J	0.0000048
HxCDDs (tot		0.000074 [0.000058]	0.000028	NS	0.0000047	0.000077
1.2.3,4.6,7.8	HoCDD	0.000043 [0.000033]	0.000019	NS	0.0000061	0.00013
HpCDDs (tot		0.000086 [0.000067]	0.000034	NS	0.000014	0.00024
OCDD	· · ·	0.00021 [0.00015]	0.000083	NS	0.000032	0.00095
Total TEQs (WHO TEFs)	0.00021 [0.00017]	0.000061	NS	0.000016	0.00016
Inorganics						0.00010
Antimony]	1.20 B [1.20 B]	0.970 8	NS	1.50 B	1.20 8
Arsenic		8.70 (9.90)	5.80	NS	4.70	7.40
Barium		48.0 [56.0]	33.0	NS	22.0	34.0
Beryllium		ND(0.500) [ND(0.500)]	ND(0,500)	NS	0.160 B	ND(0.500)
Cadmium		ND(0.500) J [0.530 J]	ND(0.500)	NS	0.510	ND(0,500)
Chromium		11.0 [14.0]	9.50 J	NS	5.10	9.60 J
Cobalt	· · · · · · · · · · · · · · · · · · ·	ND(5.00) [ND(5.00)]	7.40	NS	6,40	9.00
Copper		37.0 [46.0]	23.0	NS	110	43.0
Cyanide		0.330 [0.260]	ND(0.120)	NS	ND(0.230)	0.370
Lead		52.0 [59.0]	20.0 J	NS	16.0	43.0 J
Mercury		0.460 J [0.610 J]	ND(0,120)	NS	ND(0.110)	0.270
Nickel		8.30 [12.0]	11.0	NS	12.0	17.0
Selenium		1.20 J [1.30 J]	ND(1.00) J	NS	ND(1.00)	0,600 J
Silver	·····	ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide		37.0 [29.0]	20.0	NS	11.0	24.0
Thallium		ND(1.90) J [ND(1.90) J]	ND(1.20) J	NS	ND(1.10) J	ND(1.30) J
Tin		ND(10.0) [ND(10.0)]	ND(3.70)	NS	ND(10.0)	ND(4.90)
Vanadium		23.0 [29.0]	11.0	NS	10.0	22.0
Zinc		63.0 [70.0]	46.0 J	NS	45.0	100 J

Averaging Area: Sample ID:	4D RAA4-133	4D RAA4-133	4D RAA4-I34	.4D RAA4-135	4D RAA4-K33
Sample ID: Sample Depth(Feet):	6-15	8-10	6-1	1-6	0-1
Parameter Date Collected:	06/06/02	05/06/02	06/06/02	06/06/02	06/06/02
Volatile Organics	00/00/02	1. 00/00/02	00/00/02	0000002	1
1,1,1,2-Tetrachloroethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,1-Trichloroethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,2,2-Tetrachioroethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1,2-Trichloroethane	NS	ND(0.0055)	ND(0.0080)	NŜ	ND(0.0059)
1,1-Dichloroethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,1-Dichloroethene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2,3-Trichloropropane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dibromo-3-chloropropane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dibromoethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dichloroethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,2-Dichloropropane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
1,4-Dioxane	NS	ND(0.11)	ND(0.16)	NS	ND(0.12) J
2-Butanone	NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
2-Chloro-1,3-butadiene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
2-Chloroethylvinylether	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
2-Hexanone	NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
3-Chloropropene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
4-Methyl-2-pentanone	NS	ND(0.011)	ND(0.016)	NS	ND(0.012)
Acetone	NS	0.027	ND(0.032)	NS	ND(0.023)
Acetonitrite	NS	ND(0.11)	ND(0.16)	NS	ND(0.12)
Acrolein	NS	ND(0.11)	ND(0.16)	NŚ	ND(0.12)
Acrylonitrile	NŞ	ND(0.0055)	ND(0.0080)	N\$	ND(0.0059)
Benzene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
Bromodichloromethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Bromoform	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Bromomethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Carbon Disulfide	NS	ND(0.0055)	ND(0.0080)	NŜ	ND(0.0059)
Carbon Tetrachloride	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chlorobenzene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chloroethane	NS	ND{0.0055}	ND(0.0080)	NS	ND(0.0059)
Chloroform	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Chloromethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
cis-1,3-Dichloropropene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Dibromochloromethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Dibromomethane	NS	ND(0.0055)	ND(0.0080)	NŚ	ND(0.0059)
Dichlorodifluoromethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Ethyl Methacrylate	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Ethylbenzene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
odomethane	NS NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
sobutanol	NS NS	ND(0.11) ND(0.0055)	ND(0.16)	<u>NS</u>	ND(0.12)
Methacrylonitrile Methyl Methacrylate	NS NS	ND(0.0055)	ND(0.0080) ND(0.0080)	NS NS	ND(0.0059) ND(0.0059)
Methylene Chloride	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Propionitrile	NS NS	ND(0.0055)	ND(0.016)	NS NS	ND(0.0059) ND(0.012)
Styrene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.00590)
Tetrachloroethenc	NS	ND(0.0055)	ND(0.0080)	NS NS	ND(0.0059)
loluene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
rans-1,2-Dichlorcethene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
rans-1,3-Dichloropropene	NS	ND(0.0055)	ND(0.0080)	NS NS	ND(0.0059)
rans-1,4-Dichloro-2-butene	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Trichloroetbene	NS	ND(0.0055)	NEV0.0080)	NS	ND(0.0059)
Trichlorofluoromethane	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Vinyl Acetate	NS	ND(0.0055)	ND(0.0080)	NS	ND(0.0059)
Vinyi Acetate	NS NS	ND(0.0055)	ND(0.0080)	NS NS	ND(0.0059)
Xvienes (total)	NS NS	ND(0.0055)	ND(0.0080)	NG	ND(0.0059)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4D RAA4-133 6-15	4D RAA4-I33 8-10	4D RAA4-134 0-1	4D RAA4-135 1-6	4D RAA4-K33 0-1
Parameter Date Collected:	06/06/02	06/06/02	06/06/02	06/06/02	06/06/02
Semivolatile Organics	00/00/02	00/00/02	00/00/02	00/00/02	00.00.02
1.2.4.5-Tetrachiorobenzene	ND(0.440)	NS I	ND(2.70)	NŚ	ND(0.430)
1,2,4-Trichlorobenzene	ND(0.440)	NS I	ND(2.70)	NS	ND(0.430)
1,2-Dichlorobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,2-Diphenylhydrazine	NO(0.44)	NS	ND(2.7)	NS	ND(0.43)
1,3,5-Trinitrobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,3-Dichlorobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,3-Dinitrobenzene	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
1,4-Dichlorobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1,4-Naphthoquinone	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
1-Naphthylamine	ND(0.740)	NS	ND(2.70)	NŜ	ND(0.790)
2,3,4,6-Tetrachlorophenol	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4,5-Trichlorophenol	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,4,6-Trichlorophenol	ND(0.440)	NS NS	ND(2.70)	NS	ND(0.430)
2,4-Dichlorophenol 2,4-Dimethylphenol	ND(0.440)	NS NS	ND(2.70)	N\$ NS	ND(0.430)
2,4-Dimetryphenol	ND(0.440) ND(2.20)	NS NS	ND(2.70) ND(14.0)	NS NS	ND(0.430) ND(2.20)
2,4-Dinitrotoluene	ND(0.440)	NS NS	ND(14.0) ND(2.70)	NS	ND(2.20) ND(0.430)
2,6-Dichlorophenot	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2,6-Dinitrotoluene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Acetylaminofluorene	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2-Chloronaphthalene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Chiorophenol	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Methylnaphthalene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Methylphenol	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
2-Naphthylamine	ND(0.740)	NS	ND(2 70)	NS	ND(0.790)
2-Nitroaniline	ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
2-Nitrophenol	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
2-Picoline	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
3&4-Methylphenol	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
3,3'-Dichlorobenzidine	ND(0.88) J	NS	ND(5.5) J	NS	ND(0.86) J
3,3'-Dimethylbenzidine 3-Methylcholanthrene	ND(0.440) ND(0.740)	NS NS	ND(2.70) ND(2.70)	<u>NS</u>	ND(0.430)
3-Nitroaniline	ND(0.740) ND(2.20)	NS NS	ND(14.0)	NS NS	ND(0.790) ND(2.20)
4,6-Dinitro-2-methylphenol	ND(0.440)	NS	ND(2.70)	NS NS	ND(0.430)
4-Aminobiphenyl	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Bromophenyl-phenylether	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chloro-3-Methylphenol	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chloroaniline	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Chlorobenzilate	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Chlorophenyl-phenylether	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
4-Nitroaniline	ND(1.90)	NS	ND(2.70)	NS	ND(2.00)
4-Nitrophenol	ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
4-Nitroquinoline-1-cxide	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
4-Phenylenediamine	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
5-Nitro-o-toluídine	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
7,12-Dimethylbenz(a)anthracene a,a'-Dimethylphenethylamine	ND(0.740) ND(0.740)	NS NS	ND(2.70) ND(2.70)	NS NG	ND(0.790)
Acenaphthene	ND(0.740)	NS NS	ND(2.70)	NS NS	ND(0.790) ND(0.430)
Acenaphthylene	ND(0.440)	NS NS	ND(2.70) 1	NS	ND(0.430)
Acerophenone	ND(0.440)	NS NS	ND(2.70)	NS	ND(0.430)
Aniline	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Anthracene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Aramite	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Benzidine	ND(0.88)	NS	ND(5.5)	NS	ND(0.86)
Benzo(a)anthracene	ND(0.440)	NŜ	ND(2.70)	NS	ND(0.430)
Benzo(a)pyrene	ND(0.440)	NŚ	ND(2.70)	NS	ND(0.430)
Senzo(b)fluoranthene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(g,h,i)perviene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzo(k)fluorantbene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Benzyl Alcohol	ND(0.880)	NS NS	ND(5.50)	NS	ND(0.860)
bis(2-Chloroethoxy)methane	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
bis(2-Chioroethyl)ether	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)

V \GE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and Data/PDI DATA8 xis Table B-1 (8) Page 154 of 197

Averaging Area:	4D	4D	4D	4D	4D
Sample ID:	RAA4-133	RAA4-133	RAA4-134	RAA4-135	RAA4-K33
Sample Depth(Feet):	6-15	8-10	0-1	1-6	0-1
arameter Date Collected:	06/06/02	06/06/02	06/06/02	06/06/02	06/06/02
Semivolatile Organics (continued)					
is(2-Ethylhexyl)ohthalate	ND(0.360)	NS	ND(1.40)	NS	ND(0.390)
Butylbenzylphthalate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Dhrysene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Diallate	ND(0.740)	NS	ND(2.70)	NS	ND(0,790)
Dibenzo(a,h)anthracene	ND(0.440)	NS	ND(2.70)	NŠ	ND(0.430)
Dibenzofuran	ND(0.440)	NS	ND(2.70)	NŞ	ND(0.430)
Diethylphthalate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Dimethylphthalate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Di-n-Butylphthalate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Di-n-Octylphthalate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Diphenylamine	ND(0.44)	NS	ND(2,7)	NŞ	ND(0.43)
thyl Methanesulfonate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
luoranthene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
luorene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
lexachlorobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
lexachlorobutadiene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachlorocyclopentadiene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Hexachloroethane	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
lexachlorophene	ND(0.88)	NS	ND(5.5)	NS	ND(0.86)
lexachioropropene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
ndeno(1,2,3-cd)pyrene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
sodrin	ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
sophorone	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
sosafrole	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
/lethapyrilene	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Methyl Methanesulfonate	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Vaphthalene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Vitrobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosodiethylamine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosodimethylamine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitroso-di-n-butylamine	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
N-Nitroso-di-n-propylamine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
V-Nitrosodiphenylamine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
N-Nitrosomethylethylamine	ND(0.740)	NS	ND(2.70)	NŜ	ND(0.790)
N-Nitrosomorpholine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
1-Nitrosopiperidine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
V-Nitrosopyrrolidine	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
o.o.o-Triethylphosphorothioate	ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
-Toluidine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
o-Dimelhylaminoazobenzene	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Pentachiorobenzene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pentachloroethane	ND(0.44)	NS	ND(2.7)	NS	ND(0.43)
Pentachloronitrobenzene	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Pentachlorophenol	ND(2.20)	NS	ND(14.0)	NS	ND(2.20)
Phenacetin	ND(0.740)	NS	ND(2.70)	NS	ND(0.790)
Phenanthrene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
pheno!	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pronamide	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Pyrene	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Yridine	ND(0.440)	NS	ND(2.70)	NS	ND(0.430)
Safrole	ND(0.446)	NS	ND(2.70)	NS	ND(0.430)
Thionazin	ND(0.44)	NS	ND(2.7)	NS	ND(0.43)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4D RAA4-I33 6-15 06/06/02	4D RAA4-I33 8-10 06/0 5/02	4D RAA4-I34 0-1 06/06/02	4D RAA4-135 1-6 06/06/02	4D RAA4-K33 0-1 06/06/02
Furans					
2,3,7,8-TCDF	0.00000014 J	NS	0.000047 Y	ND(0.00000041) X	0.000011 Y
TCDFs (total)	0.00000014	NS	0.00032	0.0000011	0 000086
1,2,3,7,8-PeCDF	ND(0.000000062) X	NS	0.000025	ND(0.00000021) X	0.0000044
2.3.4.7.8-PeCDF	ND(0.00000080)	NS	0.000024	ND(0.00000023) X	0.0000041
PeCDFs (total)	ND(0.000000080)	NS	0.000261	0.0000012	0.000049
1.2.3.4.7.8-HxCDF	ND(0.00000028)	NS	0.000022	ND(0.00000024) X	0.0000041
1.2.3.6.7.8-HxCDF	ND(0.00000058) X	NS	0.000013	ND(0.00000017) X	0.0000024 J
1.2.3.7.8.9-HxCDF	ND(0.00000028)	NS	0.0000021 J	ND(0.00000028)	0.00000053 J
2.3.4.6.7.8-HxCDF	ND(0.0000028)	NS	0.000015	0.00000019 J	0.0000020 J
HxCDFs (total)	ND(0.00000021)	NS	0.00019	0.00000097	0.000030
1.2.3.4.6.7.8-HoCDF	0.00000011 J	NS	0.000022	0.00000062 J	0.0000052
1.2.3.4.7.8.9-HpCDF	ND(0.00000028)	NS	0.0000032	ND(0.000000099) X	0.00000074 J
HoCDFs (total)	0.00000011	NS	0.006044	0.00000069	0.0000086
OCDF	0.0000018 J	NS	0.000016	ND(0.00000066) X	0.0000044 J
Dioxins					
2.3.7.8-TCDD	ND(0,00000011)	NS	0.00000042 J	ND(0.00000013)	ND(0.00000019) X
TCDDs (total)	ND(0.00000017)	NS	0.0000046	ND(0.00000013)	0.0000016
1.2.3.7.8-PeCDD	ND(0.0000028)	NS	ND(0.0000022) X	ND(0.00000028)	ND(0.00000027) X
PeCDDs (total)	ND(0.00000028)	NS	0.0000046	ND(0.00000040)	0.0000011
1.2.3.4.7.8-HxCDD	ND(0.00000028)	NS	0.00000055 J	ND(0.00000028)	ND(0.00000028)
1.2.3.6.7.8-HxCDD	ND(0.00000028)	NS	0.00000073 J	ND(0.00000028)	0.00000020 J
1.2.3.7.8.9-HxCDD	ND(0.00000028)	NS	0.00000054 J	ND(0.00000028)	ND(0.00000028)
HxCDDs (total)	ND(0.00000030)	NS	0.0000052	ND(0.00000055)	0.0000014
1.2.3.4.6.7.8-HpCDD	ND(0.00000035) X	NS	0.0000063	ND(0.0000089) X	0.0000019 J
HpCDDs (total)	0.00000023	NS	0.000014	0.00000051	0.0000035
OCDD	ND(0.0000026)	NS	0.000036	ND(0.0000037)	0.000012
Total TEQs (WHO TEFs)	0.0000032	NS	0.000025	0.00000040	0.0000046
Inorganics					
Antimony	ND(6.00)	NS	1.90 B	NS	ND(6.00)
Arsenic	3 50	NS	6.70	NS	5.00
Barium	ND(20.0)	NS	30.0	N\$	28.0
Bervllium	ND(0.500)	NS	0.160 B	NS	ND(0.500)
Cadmium	ND(0.500)	NS	ND(0.500)	NS	0.0970 B
Chromium	6.40 J	NS	6.40 J	NS	8.70 J
Cobalt	8.00	NS	8.00	NS	9.00
Copper	15.0	NS	23.0	NS	19.0
Cyanide	ND(0.110)	NS	0.520	NŜ	ND(0.120)
Lead	6.20 J	NS	16.0 J	NS	12.0 J
Mercury	ND(0.110)	NS	0.200	NS	ND(0.120)
Nickel	12.0	NŠ	12.0	NS	14.0
Selenium	ND(1.00) J	NS	ND(1.20) J	NS	ND(1.00) J
Silver	ND(1.00)	NS	ND(1.20)	NS	ND(1.00)
Sulfide	10.0	NS	15.0	NS	21.0
Thallium	ND(1.10) J	NS	ND(1.60) J	NS	ND(1.20) J
lín	ND(3.30)	NS	ND(4.90)	NS	ND(4.30)
Vanadium	6.20	NS	11.0	NS	10.0
Zinc	36.0 J	NS	100 J	NS	51.0 J

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4E RAA4-130	4E RAA4-J28	4E RAA4~J30	4E RAA4-K27
Parameter	Sample Depth(Feet): Date Collected:	0-1 06/25/02	0-1	0-1	1-3
Volatile Organ		00/25/02]	06/25/02	06/25/02	06/17/02
1.1.1.2-Tetraci		ND(0.0059)	ND(0.0054)	ND(0.0056)	
1,1,1-Trichloro		ND(0.0059)	ND(0.0054)		ND(0.0058) J
i,1,2,2-Tetraci		ND(0.0059)	www.unawee.wee.weekee.com	ND(0.0056)	ND(0.0058)
1.1.2-Trichloro	· · · · · · · · · · · · · · · · · · ·	ND(0.0059)	ND(0.0054) ND(0.0054)	ND(0.0056)	ND(0.0058) J
1.1-Dichioroeth		أيمسك ومستعد المتعاد فتحت فتعاد المستعد المتعاد		ND(0.0056)	ND(0.0058) J
1.1-Dichloroet		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
1,2,3-Trichloro		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
	-chloropropane	ND(0.0059)	ND(0.0054) ND(0.0054)	ND(0.0056)	ND(0.0058) J
1.2-Dibromoet		ND(0.0059) ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
1.2-Dichloroet				ND(0.0056)	ND(0.0058) J
1,2-Dichloropro		ND(0.0059) ND(0.0059)	ND(0.0054) ND(0.0054)	ND(0.0056)	ND(0.0058)
1,2-Dichioroph	opane			ND(0.0056)	ND(0.0058)
2-Butanone		ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
2-Chloro-1,3-b	utodiana	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
2-Chloroethylv		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
2-Unioroetnyiv 2-Hexanone	птуютие	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
2-riexanone 8-Chloroprope		ND(0.012)	ND(0.011) ND(0.0054)	ND(0.011)	ND(0.012) J
		ND(0.0059)		ND(0.0056)	ND(0.0058)
1-Methyl-2-per Acetone	itanone	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
Acetonitrile		ND(0.023)	ND(0.022)	ND(0.023)	0.038 J
		ND(0.12)	ND(0.11)	ND(0.11)	ND(0.12)
		ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12)
Acrylonitrile		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Benzene		ND(0.00590)	ND(0.00540)	ND(0.00560)	0.011 J
Bromodichloro	meinane	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Bromoform	~	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Bromomethane	And a state of the second s	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Carbon Disulfic		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Carbon Tetraci	THE REPORT OF A CONTRACTOR OF	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chlorobenzene	;	ND(0.0059)	ND(0.0054)	ND(0.0056)	22 J
Chloroethane		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chloroform		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Chloromethane		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
is-1,3-Dichlor		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Dibromochloro		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Dibromometha		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Dichlorodifluor		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND{0.0058}
Ethyl Methacry	late	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
Ethylbenzene		ND(0.00590)	ND(0.00540)	ND(0.00560)	0.0095 J
odomethane		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
sobutanol		ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.12) J
Aethacrylonitri		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Methyl Methac		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Aethylene Chli	bride	ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Propionitrile		ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)
Styrene		ND(0.00590)	ND(0.00540)	ND(0.00560)	ND(0.0058) J
etrachloroeth	ene	ND(0.0059)	ND(0.0054)	ND(0.0056)	0.081 J
foluene		ND(0.00590)	ND(0.00540)	ND(0.00560)	0.010 J
rans-1,2-Dichl		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
rans-1,3-Dichi		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
rans-1,4-Dichl		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058) J
richioroethen	the second se	ND(0.0059)	ND(0.0054)	ND(0.0056)	0.010 J
richlorofluoror	methane	ND(0.0059)	ND(0.0054)	ND(0.0056)	(\$\$00.0)GK
/inyl Acetate	[ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
/inyl Chloride		ND(0.0059)	ND(0.0054)	ND(0.0056)	ND(0.0058)
Kylenes (total)		NO(0.0059)	ND(0.0054)	ND(0.0056)	0.040 J

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4E RAA4-130 0-1	4E RAA4~J28 0-1	4 E R AA4-J 30 0-1	4E RAA4-K27 1-3
Parameter Date Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
1,2,4-Trichlorobenzene	ND(0.390)	0.180 J	ND(0.370)	0.12 J
1,2-Dichlorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	0.10 J
1.2-Diphenylhydrazine	ND(0.39)	ND(0.36)	ND(0.37)	R
1,3,5-Tanitrobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
1.3-Dichlorobenzene	ND(0.390)	0.260 J	ND(0.370)	0.14 J
1,3-Dinitrobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R R
1,4-Dichlorobenzene	ND(0.390)	0.680	ND(0.370)	0.36 J
1,4-Naphthoguinone	ND(0.790)	ND(0.720)	ND(0.760)	R
1-Naphthylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
2,3,4,6-Tetrachlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4,5-Trichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4,6-Trichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dimethylphenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dinitrophenol	ND(2.0) J	ND(0.300)	ND(1.9) J	R
2,4-Dinitrotoluene	ND(0.390)	ND(0.360)	ND(0.370)	R
2,4-Dinitrotodene 2,6-Dichlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2,6-Dinitrotoluene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Acetyiaminofluorene	ND(0.790)	ND(0.380)	ND(0.760)	R
2-Acelylaminoliabrene 2-Chloronaphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Chlorophenol	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Methylnaphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
2-Methylphenol	ND(0.390)	0.160 J	ND(0.370)	R
2-Nethylphesion 2-Naphthylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
2-Napricityatine	ND(2.00)	ND(1.80)	ND(1.90)	R
2-Nitrophenol	ND(0.790)	ND(0.720)	ND(0.760)	R
2-Picoline	ND(0.390)	ND(0.360)	ND(0.370)	R
3&4-Methylphenol	ND(0.790)	ND(0.720)	ND(0.760)	R
3.3'-Dichlorobenzidine	ND(0.790)	ND(0.720)	ND(0.760)	R
3.3'-Dimethylbenzidine	ND(0.390)	ND(0.360)	ND(0.370)	R
3-Methylcholanthrene	ND(0.790)	ND(0.330)	ND(0.760)	R
3-Nitroaniline	ND(2.00)	ND(1.80)	ND(0.760)	R
4,6-Dinitro-2-methylphenol	ND(2.00) ND(0.390)	ND(1.80) ND(0.360)	ND(1.90)	R
4-Aminobiphenyl	ND(0.790)	ND(0.720)	ND(0.760)	R
4-Animobiphenyl- 4-Bromophenyl-phenylether	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Chioro-3-Methylphenoi	ND(0.390)	ND(0.360)	ND(0.370)	R
4-Chloroaniline	ND(0.390)	ND(0.360)	ND(0.370)	R R
4-Chlorobenzilate	ND(0.390)	ND(0.720)	ND(0.760)	R
	· · · · · · · · · · · · · · · · · · ·			ND(0.380)
4-Chlorophenyl-phenylether 4-Nitroaniline	ND(0.390) ND(2.00)	ND(0.360) ND(1.80)	ND(0.370) ND(1.90)	· · · · · · · · · · · · · · · · · · ·
4-Nitrophenol	and the second se	ND(1.80)	ND(1.90)	R R
	ND(2.00)	ND(1.80) ND(0.720)		R
4-Nitroquinoline-1-oxide	ND(0.790)		ND(0.760)	R
4-Phenylenediamine	ND(0.79) J	ND(0.72) J	ND(0.76) J	· · · · · · · · · · · · · · · · · · ·
5-Nitro-o-toluidine 7,12-Dimethylbenz(a)anthracene	ND(0.790) ND(0.790)	ND(0.720) ND(0.720)	ND(0.760)	R R
a,a'-Dimethylphenethylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
a,a-Dimetnyiphenetnyiamine Acenaphthene	ND(0.390)		ND(0.760)	R
Acenaphthene		ND(0.360)	ND(0.370)	
and the second	ND(0.390)	ND(0.360)	ND(0.370)	R
Acetophenone	ND(0.390) ND(0.390)	ND(0.360)	ND(0.370)	
Anihne		3.40	ND(0.370)	0.64 J
Anthracene	ND(0.390)	ND(0.360)	ND(0.370)	R
Aramite Recerciding	ND(0.790)	ND(0.720)	ND(0.760)	R
Benzidine	ND(0.79)	ND(0.72)	ND(0.76)	<u>R</u>
Benzo(a)anihracene	0.450	0.150 J	ND(0.370)	R
Benzo(a)pyrene	0.570	0.180 J	ND(0.370)	R
Benzo(b)fluoranthene	0.490	0.200 J	ND(0.370)	L 880.0
Benzo(g.h.i)peryiene	0.410	0.180.0	ND(0.370)	C.098 J
Benzo(k)fluoranthene	0.480	0.180 J	ND(0.370)	0.077 J
Benzyl Alcohol	ND(0.79) J	ND(0.72) J	ND(6.76) J	R
bis(2-Chloroethoxy)methane	ND(0.390)	ND(0.360)	ND(0.370)	R
bis(2-Chloroetriy!)etner	ND(0.390)	ND(0.360) (ND(0.370)	R
bis(2-Chloroisopropyl)ether	NO(0.39) J	ND(0.36) J	ND(0.37) J	R

V:\GE_Pittsficid_CD_ESA_2_South_Confidentia/Notes and Data\PDI DATA8.xis Table B-1 (8) Page 158 of 197

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

Averaging Area:	4E	4E	4E	4E
Sample ID:	RAA4-130	RAA4-J28	RAA4-J30	RAA4-K27
Sample Depth(Feet):	0~1	0-1	0-1	1-3
Parameter Date Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Semivolatile Organics (continued)				
bis(2-Ethylhexyl)phthalate	ND(0.390)	0.530	ND(0.370)	0.35 J
Butylbenzylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	R
Chrysene	0.500	0.200 J	ND(0.370)	R
Diallate	ND(0.790)	ND(0.720)	ND(0.760)	R
Dibenzo(a,h)anthracene	ND(0.390)	ND(0.360)	ND(0.370)	R
Dibenzofuran	ND(0.390)	ND(0.360)	ND(0.370)	R
Diethylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	ļ R
Dimethylphthalate	0.520	ND(0.360)	ND(0.370)	R
Di-n-Butylphthalate	ND(0.390)	0.520	ND(0.370)	R
Di-n-Octylphthalate	ND(0.390)	ND(0.360)	ND(0.370)	R
Diphenylamine	ND(0.39)	ND(0.36)	ND(0.37)	R
Ethyl Methanesulfonate	ND(0.390)	ND(0.360)	ND(0.370)	R
Fluoranthene	1.00	0.360	ND(0.370)	0.094 J
Fluorene	ND(0.390)	ND(0.360)	ND(0.370)	Ŕ
Hexachiorobenzene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorobutadiene	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorocyclopentadiene	ND(0.390)	ND(0.360)	ND(0,370)	R
Hexachloroethane	ND(0.390)	ND(0.360)	ND(0.370)	R
Hexachlorophene	ND(0.79)	ND(0.72)	ND(0.76)	R
Hexachloropropene	ND(0.390)	ND(0.360)	ND(0.370)	R
Indeno(1,2.3-cd)pyrene	0.330 J	0.100 J	ND(0.370)	R
Isodrin	ND(0.39)	ND(0.36)	ND(0.37)	R
Isophorone	ND(0.390)	ND(0.360)	ND(0.370)	R
Isosafroie	ND(0.790)	ND(0.720)	ND(0.760)	R
Methapyrilene	ND(0.790)	ND(0.720)	ND(0.760)	R
Methyl Methanesulfonate	ND(0.390)	ND(0.360)	ND(0.370)	R
Naphthalene	ND(0.390)	ND(0.360)	ND(0.370)	R
Nitrobenzene	ND(0.390)	ND(0,360)	ND(0.370)	R
N-Nitrosodiethylamine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosodimethylamine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitroso-di-n-butylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
N-Nitroso-di-n-propylamine	ND(0.39) J	ND(0.36) J	ND(0.37) J	R
N-Nitrosodiphenylamine	ND(0.390)	ND(0.360)	ND(0.370)	Ŕ
N-Nitrosomethylethylamine	ND(0.790)	ND(0.720)	ND(0.760)	R
N-Nitrosomorpholine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosopiperidine	ND(0.390)	ND(0.360)	ND(0.370)	R
N-Nitrosopyrrolidine	ND(0,790)	ND(0.720)	ND(0.760)	R
o.o.o-Triethylphosphorothioate	ND(0.39)	ND(0.36)	ND(0.37)	R
o-Taluidine	ND(0.390)	ND(0.360)	ND(0.370)	R
p-Dimethylaminoazobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R
Pentachlorobenzene	ND(0.390)	0.100 J	ND(0.370)	R
Pentachloroethane	ND(0,39)	ND(0.36)	ND(0.37)	R
Pentachloronitrobenzene	ND(0.790)	ND(0.720)	ND(0.760)	R
Pentachiorophenol	ND(2.00)	ND(1.86)	ND(1.90)	R
Phenacetin	ND(0.790)	ND(0.720)	ND(0.760)	R
Phenanthrene	0.330 J	0.270 J	ND(0.370)	R
Phenol	ND(0.390)	1.60	ND(0.370)	0.70 J
Pronamide	ND(0.390)	ND(0.360)	ND(0.370)	R
Pyrene	0.860	0.450	ND(0.370)	0.21 J
Pyridine	ND(0.390)	ND(0.360)	ND(0.370)	R
Safrole	ND(0.390)	ND(0.360)	ND(0.370)	R
Thionazín	ND(0.39)	ND(0.36)	ND(0.37)	R

Sample	Depth(Feet):	4E RAA4-130 0-1	4E RAA4-J28 0-1	4E RAA4-J30 0-1	4E RAA4-K27 1-3
	e Collected:	06/25/02	06/25/02	06/25/02	06/17/02
Furans					
2,3,7,8-TCDF	(0.014 YEJ	0.000048 Y	0.000077 Y	0 00023 Y
TCDFs (total)		0.6701	0.60043	0.00044	0.0014 QI
1,2,3,7,8-PeCDF		0.010 EJ	0.000024	0.000057	0.00011
2,3.4,7,8-PeCDF	().0073 EJ	0.000041	0.000059	0.00028 Q
PeCDFs (total)		0.068	0.00044 Q	0.000461	0.0024 QI
1,2,3,4,7,8-HxCDF		0 0064 EJ	0.000088	0.000039	0.00089
1,2,3,6,7,8-HxCDF		0.0039	0.000040	0.000024	0.00015
1,2,3,7,8,9-HxCDF		0.00089	0.0000089	0.0000055	0.000093
2,3,4,6,7,8-HxCDF		0.0028	0.000026	0.000020	0.00025
HxCDFs (total)		0.033	0.00046	0.00022	0.0040
1,2,3,4,6,7,8-HpCDF		0.0024	0.000089	0.000019	0.00086
1,2,3,4,7,8,9-HpCDF		0.00065	0.000022	0.0000640	0.00043
HpCDFs (total)		0.0048	0.00018	0.000034	0 0032
OCDF		0.0010	0.00022	0.000092	0.0051 EJ
Dioxins					
2,3,7,8-TCDD		0.00017	0.00000042 J	0.00000062 J	0.0000024 Q
TCDDs (total)		0.00089 Q	0.0000099	0.0000061	0.000043 Q
1,2,3,7,8-PeCDD		0.00031	ND(0.0000010) X	0.0000012 J	ND(0.000026) X
PeCDDs (total)		0.0012 Q	0.0000034 Q	0.0000061	0.000023 Q
1,2,3,4,7,8-HxCDD		0.00014	0.0000011 J	0.00000063 J	0.0000056
1,2,3,6,7,8-HxCDD		0.000092	0.0000020 J	0.00000061 J	0.000033
1,2,3,7,8,9-HxCDD		0.000043	0.0000013 J	ND(0.00000032) X	0.000014
HxCDDs (total)		0.00076	0.000025	0.0000057	0.00041
1.2.3.4.6.7,8-HpCDD		0.000092	0.000020	0.0000018 J	0.0013 EJ
HpCDDs (total)		0.00016	0.000041	0.0000035	0.0031
OCDD		0.00016	0.00012	ND(0.0000077)	0.016 EJ
Total TEQs (WHO TEFs)	0.0075	0.000045	0.000051	0.00036
Inorganics	······································				
Antimony	I	ND(6.00)	1,30 B	ND(6.00)	ND(6.00)
Arsenic		16.0	4.80	5.10	8.40
Barium		40.0	ND(20.0)	20.0	120
Beryllium	N	D(0.500) J	0.140 J	ND(0.500) J	ND(0.500)
Cadmium		0.140 J	ND(0.500) J	ND(0.500) J	1.20
Chromium		11.0	21.0	7.70	26.0
Cobalt		7.90	7.10	5,80	6.80
Copper		24.0	150	14.0	360 J
Cyanide		0.0980 B	ND(0.110)	ND(0,110)	0.160 J
Lead		49.0	42.0	9.80	110
Mercury		0.120 J	12.0	ND(0.110) J	14.0
Nickel		16.0	25.0	11.0	29.0
Selenium	- N	D(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		D(1.00) J	0.570 J	ND(1.00) J	ND(1.00) 0
Sulfide		30.0	28.0	31.0	170 J
Thallium		1.10 J	1.00 J	ND(1.70) J	ND(1.70) J
Tin		VD(10.0)	ND(10.0)	ND(3.70)	28.0 J
Vanadium	<u> </u> '	14.0	9.60	8.50	42.0
Zinc		330	220	40.0	2800 J

Averaging Area: Sample ID:	4E RAA4-K27	4E RAA4-K27	4E RAA4-K29	4E RAA4-K30	
Sample Depth(Feet): Parameter Date Collected:	6-15 06/17/02	10-12 06/17/02	10-12 05/29/02	0-1 04/22/02	
Volatile Organics			۰		
1.1.1.2-Tetrachloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1.1.1-Trichloroethanc	NS	ND(0.037) [ND(0.037)]	0.074	ND(0.0056)	
1,1,2,2-Tetrachioroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0055)	
1,1.2-Trichloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1.1-Dichloroethane	NS	ND(0.037) [ND(0.037)]	0.040	ND(0.0056)	
1-Dichlcroethene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,2,3-Trichloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,2-Dibromo-3-chloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,2-Dibromoethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,2-Dichloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,2-Dichloropropane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
1,4-Dioxane	NS	ND(0.37) J [ND(0.37) J]	ND{0.32} J	ND(0.11) J	
2-Butanone	NŚ	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.011)	
2-Chloro-1,3-butadiene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
2-Chloroethylvinylethor	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
2-Hexanone	NS	ND(0.074) [ND(0.074)]	ND(0.063)	ND(0.011)	
3-Chloropropene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
4-Methyl-2-pentanone	NS	ND(0.074) [ND(0.074)]	ND(0.063)	ND(0.011)	
Acetone	NŚ	0,097 [ND(0.074)]	0.044 J	ND(0.022)	
Acetonitrile	NS	ND(0.74) [ND(0.74)]	ND(0.63) J	ND(0.11) J	
Acrolein	NS	ND(0.74) J [ND(0.74) J]	ND(0.63) J	ND(0.11) J	
Acrylonitrile	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Benzene	NS	0.14 J [0.074 J]	0.0400	ND(0.00560)	
3romodichloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Bromoform	NS	ND(0.037) [ND(0.037)]	ND(0.032) J	ND(0.0056)	
Bromomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Carbon Disulfide	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Carbon Tetrachloride	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Chlorobenzene	NS	33 [29]	13	ND(0.0056)	
Chloroethane	NS	ND(0.037) [ND(0.037)]	ND(0.032) J	ND(0.0056)	
Chloroform	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Chloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
cis-1.3-Dichloropropene	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Dibromochloromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Dibromomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Dichlorodifluoromethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Ethyl Methacrylate	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Ethylbenzene	NS	0.44 J [0.25 J]	0.0400	ND(0.00560)	
odomethane	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
sobutanol	NS	ND(0.74) J [ND(0.74) J]	ND(0.63)	ND(0.11) J	
Methaciylonitrile	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Methyl Methacrylate	NS	ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Methylene Chloride	NS NS	ND(0.037) [ND(0.037)] ND(0.037) [ND(0.037)]	ND(0.032)	ND(0.0056)	
Propionitrile	NS NS	ND(0.0370) [ND(0.0370)]	ND(0.032) ND(0.0320)	ND(0.011)	
Styrene	<u>NS</u> NS	ND(0.0370) [ND(0.0370)] ND(0.037) [ND(0.037)]	ND(0.0320)	ND(0.00560) ND(0.0056)	
Tetrachioroethene	NS NS	ND(0.0370) [ND(0.0370)]	ND(0.032)	ND(0.00560)	
foluene		ND(0.0370) [ND(0.0370)]	ND(0.032)	······	
rans-1,2-Dichloroethene	NS NS		ND(0.032)	ND(0.0056) ND(0.0056)	
rans-1,3-Dichloropropene	A CONTRACTOR OF A CONTRACTOR O	ND(0.037) [ND(0.037)]	territerover construction and the second		
irans-1,4-Dichloro-2-butene	NS NS	ND(0.037) [ND(0.037)]	ND(0.032) ND(0.032)	ND(0.0056) ND(0.0056)	
Trichloroethene	NS	ND(0.037) [ND(0.037)] ND(0.037) [ND(0.037)]	ND(0.032)		
Trichlorofluoromethane	NS NS		ND(0.032) J	ND(0.0056)	
Vinyl Acetate	NS NS	ND(0.037) [ND(0.037)] ND(0.037) (ND(0.037))	ND(0.032) J ND(0.032)	ND(0.0056)	
Vinyl Chloride	G KI	ND(0.037) [ND(0.037)]	14010.0023	ND(0.0055)	

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-K27 6-15	4E RAA4-K27 10-12	4E RAA4-K29 10-12	4E RAA4-K30 0-1
Sample Depth(Feet):	6-15 06/17/02	06/17/02	05/29/02	04/22/02
Parameter Date Collected:	06/17/02	1 00/17/02	05/25/02	03/22/02
Semivolatile Organics	ND(0.490) [ND(0.490)]	NS	21.0	ND(0.370)
.2.4.5-Tetrachlorobenzene	ND(0.490) [ND(0.490)]	NS	160	ND(0.370)
,2-Dichlorobenzene	0.230 J [ND(0.490)]	NS	6.90	ND(0.370)
,2-Diphenylhydrazine	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)
.3.5-Trinitrobenzene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
,3-Dichlorobenzene	0.36 J [0.11 J]	NS	18,0	ND(0.370)
.3-Dinitrobenzene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
,4-Dichlorobenzene	0.93 J [0.12 J]	NS	340	ND(0.370)
,4-Naphthoquinone	ND(0,990) [ND(0,990)]	NS	ND(5.00)	ND(0.740)
-Naphthylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
3,4,6-Tetrachiorophenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4,5-Trichloropheno!	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4,6-Trichlorophenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Dichlorophenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Dimethylphenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Dinitrophenol	ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
4-Dinitrotoluene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,6-Dichlorophenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2,6-Dinitrotoluene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Acetylaminofluorene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
-Chloronaphthalene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Chiorophenol	2.10 [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Methylnaphthalene	3.50 [ND(0.490)]	NS	ND(5.00)	ND(0.370)
-Methylphenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
2-Naphthylamine	ND(0.990) (ND(0.990)]	NS	ND(5.00)	ND(0.740)
2-Nitroaniline	ND(2.50) [ND(2.50)]	NS	ND(25) J	ND(1.90)
2-Nitrophenol	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
2-Picoline	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
3&4-Methylphenol	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0 740)
3,3'-Dichlorobenzidine	ND(0.990) [ND(0.990)]	NS	ND(10.0)	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
3-Methylcholanthrene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
3-Nitroaniline	ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
4,6-Dinitro-2-methylphenol	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Aminobiphenyl	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
4-Bromophenyl-phenylether	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370) ND(0.370)
1-Chloro-3-Methylphenol	ND(0.490) [ND(0.490)]	NS NS	ND(5.00)	ND(0.370)
4-Chloroaniline	ND(0.490) [ND(0.490)] ND(0.990) [ND(0.990)]	NS	ND(5.00) ND(5.00)	ND(0.740)
4-Chlorobenzilate	ND(0.990) [ND(0.990)] ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
4-Chlorophenyl-phenylether	ND(0.490) [ND(0.490)] ND(2.50) [ND(2.50)]	NS	ND(5.00)	ND(0.370) ND(1.90)
4-Nitroaniline 4-Nitrophenol	ND(2.50) [ND(2.50)]	NS	ND(25.0)	ND(1.90)
4-Nitroquinolne-1-oxide	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
4-Phenylenediamine	FL (6.930) [ND(0.330)]	NS	ND(5.0) J	ND(0.74) J
5-Nitro-o-toluidine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
7,12-Dimethylbenz(a)anthracene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
a,a'-Dimethylphenethylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Acenaphthene	ND(0.490) [ND(0.490)]	NS	3.70 J	ND(0.370)
Acenaphihylene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Acetophenone	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Aniline	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
Anthracene	ND(0.490) (ND(0.490))	NS	ND(5.00)	0.240 J
kramite	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)
Benzidine	ND(0.99) J [ND(0.99) J]	NS	ND(10)	ND(0.74)
Senzo(a)anthracene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.30
Benzo(a)pyrene	0.589 [ND(0.490)]	NS	ND(5.00)	0.970
Benzo(b)fluoranthene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.00
Benzo(g.h.i)parylene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.730
Benzo(k)fiuorantnene	ND(0.400) [ND(0.490)]	NS	ND(5.00)	0.860
Benzyi Alcohol	ND(0.990) [ND(0.990)]	NS	ND(10.0)	ND(0.740)
bis(2-Chloroethoxy)methane	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
bis(2-Chloroothyl)ether	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)
bis(2-Chioroisopropyl)ether	ND(0,490) [ND(0,490)]	NS	ND(5.00)	ND(0.370)

V::GE_Pittsfield_CD_ESA_2_South_Confidentia(Notes and Data)PDI DATA8.xis Table B-1 (B) Page 152 of 197

Averaging Area:	4E	4E	4E	4E	
Sample ID:	RAA4-K27	RAA4-K27	RAA4-K29	RAA4-K30	
Sample Depth(Feet):	6-15	10-12	10-12	0-1	
Parameter Date Collected:	06/17/02	06/17/02	05/29/02	04/22/02	
Semivolatile Organics (continued)					
bis(2-Ethylhexyl)phthalate	ND(0.490) [ND(0.480)]	NS	6.40	ND(0.370)	
Butylbenzylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Chrysene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	1.50	
Diallate	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
Dibenzo(a,h)anthracene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Dibenzofuran	ND(0 490) [ND(0 490)]	NS	ND(5.00)	ND(0.370)	
Diethylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Dimethylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Di-n-Butylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Di-n-Octylphthalate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0,370)	
Diphenylamine	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)	
Ethyl Methanesulfonate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Fluoranthene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	3.40	
Fluorene	0.340 J [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Hexachlorobenzene	ND(0.490) [0.520]	NS	ND(5.00)	ND(0.370)	
Hexachiorobutadiene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Hexachlorocyclopentadiene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Hexachloroethane	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Hexachlorophene	ND(0.99) [ND(0.99)]	NS	ND(10)	ND(0.74)	
Hexachloropropene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Indeno(1.2.3-cd)pyrene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	0.590	
Isodrin	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)	
Isophorone	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Isosafrole	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
Methapyrilene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
Methyl Methanesulfonate	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Naphthalene	2.00 [ND(0.490)]	NS	2.20 J	ND(0.370)	
Nitrobenzene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosodiethylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosodimethylamine	ND(0.490) [ND(0-490)]	NS	ND(5.00)	ND(0.370)	
N-Nitroso-di-n-butylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
N-Nitroso-di-n-propylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosodiphenylamine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosomethylethylamine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
N-Nitrosomorpholine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosopiperidine	ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
N-Nitrosopyrrolidine	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
0.0.0-Triethylphosphorothioate	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)	
o-Toluidine p-Dimethylaminoazobenzene	ND(0.490) [ND(0.490)]	NS	ND(5.00)	NO(0.370)	
P-Dimetnylaminoazobenzene	ND(0.990) [ND(0.990)]	NS	ND(5.00)	ND(0.740)	
Pentachloropenzene	ND(0.490) [0.220 J]	NS	37.0	ND(0.370)	
	ND(0.49) [ND(0.49)]	NS	ND(5.0)	ND(0.37)	
Pentachloronitrobenzene Pentachlorophenol	ND(0.990) [ND(0.990)] 2.70 [ND(2.50)]	NS	ND(5.00)	ND(0.740)	
Phenacetin	ND(0.990) [ND(0.990)]	NS NS	ND(25.0)	ND(1.90)	
Phenanthrene	ND(0.490) [ND(0.490)] ND(0.490) [ND(0.490)]		ND(5.00)	ND(0.740)	
Phenoi	1.90 [ND(0.490)]	NS	ND(5.00)	1.40	
Pronamide	ND(0.490)[ND(0.490) [ND(0.490)]	NS	ND(5.00)	ND(0.370)	
Pyrene	ND(0.490) [ND(0.490)]	NS NS	ND(5.00)	ND(0.370)	
Pyridine			ND(5.00)	4.30	
Safrole	ND(0.490) [ND(0.490)] ND(0.490) [ND(0.490)]	NS NS	ND(5.00)	ND(0.370)	
Sairoie	ND(0.490) [ND(0.490)] ND(0.49) [ND(0.49)]	NS NS	ND(5.00) ND(5.0)	ND(0.370) ND(0.37)	

Averaging Area: Sample iD: Sample Depth(Feet);	4E RAA4-K27 6-15	4E RAA4-K27 10-12	4E RAA4-K29 10-12	4E RAA4-K30 0-1
Parameter Date Collected:	06/17/02	06/17/02	05/29/02	04/22/02
Furans			1	
2.3.7.8-TCDF	0.000053 YJ [0.000030 YJ]	NS	NS	0.0021 Y
TCDFs (total)	0.00046 [0.00027]	NS	NS	0.015
1.2.3.7.8-PeCDF	0.000018 [0.000012]	NS	NS	ND(0.00040) X
2.3.4.7.8-PeCDF	0.0000681 [0.0000421]	NS	NS	0.0018
PeCDFs (total)	0.00060 I J [0.00034 I J]	NS	NS	0.017
1.2.3.4.7.8-HxCDF	0.00035 J [0.00020 J]	NS	NS	0.0014
1.2.3.6.7.8-IHxCDF	0.000032 [0.000020]	NS	NS	0.0015
1,2,3,7,8,9-HxCDF	0.000036 J [0.000020 J]	NS	NS	0.00014
2,3,4,6,7,8-HxCDF	0.000040 [0.000024]	NS	NS	0.0012
HxCDFs (total)	0.00097 J [0.00055 J]	NS	NS	0.0059
1,2,3,4,6,7,8-HpCDF	0.00033 J [0.00019 J]	NS	NS	0.00096
1.2.3.4.7.8.9-HpCDF	0.00020 [0.00012]	NS	NS	0.00024
HpCDFs (total)	0.0013 J [0.00076 J]	NŚ	NS	0.0018
OCDF	0.0022 J [0.0013 J]	NS	NS	0.00017
Dioxins				
2,3,7,8-TCDD	ND(0.00000045) X [ND(0.00000026) X]	NŚ	NŠ	0.000030
TCDDs (total)	0.000013 [0.0000088]	NS	NS	0.00014
1,2,3,7,8-PeCDD	ND(0.0000028) X [ND(0.0000019) X]	NS	NS	0.000053
PeCDDs (total)	ND(0.0000011) [0.0000014]	NS	NS	0.00015
1,2,3,4,7,8-HxCDD	ND(0.0000062) [ND(0.0000037)]	NS	NS	0.000028
1,2,3,6,7,8-HxCDD	0.0000042 J [0.0000021 J]	NS	NS	0.000025
1,2,3,7,8,9-HxCDD	0.0000015 J [0.00000082 J]	NS	NS	ND(0.000022) X
HxCDDs (total)	0.000069 J [0.000033 J]	NS	NS	0.000092
1,2,3,4,6,7,8-HpCDD	0.00011 J [0.000054 J]	NS	NS	0.000034
HpCDDs (total)	0.00026 J [0.00012 J]	NS	NS	0.000068
OCDD	0.0014 J [0.00064 J]	NS	NS	0.00017
Total TEQs (WHO TEFs)	0.000095 [0.000056]	NS	NS	0.0016
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	NS	NS	ND(6.00)
Arsenic	1.90 [2.50]	NS	NS	3.30
Badum	47.0 [31.0]	NS	NS	43.0
Bervilium	ND(0.500) [ND(0.500)]	NS	NS	ND(0.500)
Cadmium	ND(0.500) [ND(0.500)]	NS	NS	0.140 B
Chromium	12.0 [9.50]	NS	NS	7.30
Cobalt	7.30 [7.80]	NS	NS	9.10
Copper	13.0 J [13.0 J]	NS	NS	17.0
Cyanide	ND(0.150) J [ND(0.150) J]	NS	NS	ND(0.110)
Lead	8.30 [10.0]	NS	NS	10.0
Мегсигу	ND(0.150) J [ND(0.150) J]	NS	NS	0.140 J
Nickel	13.0 [12.0]	NS	NS	13.0
Selenium	ND(1.10) J [ND(1.10) J]	NS	NS	ND(1.00)
Silver	ND(1.10) [ND(1.10)]	NS	NS	ND(1.00)
Sulfide	88.0 J [40.0 J]	NS	NS	16.0
Thallium	ND(2.20) J [ND(2.20) J]	NS	NS	ND(1.10) J
Tin	ND(5.10) [ND(5.30)]	NS	NS	3.40 B
Vanadium	12.0 [11.0]	NS	NS	6.90
Zinc	120 J [210 J]	NS	NS	48.0

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-K31	RAA4-L28	RAA4-L31	RAA4-M8	RAA4-M11
Sample Depth(Feet):	3-6	0-1	0-1	0-1	0-1
Parameter Date Collected:	06/17/02	06/25/02	06/25/02	06/25/02	07/02/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1,2,2-Telrachioroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1.1.2-Trichloroelhane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,1-Dichloroethene 1,2,3-Trichloropropane	ND(0.0056) ND(0.0056)	ND(0.0054) ND(0.0054)	ND(0.0056) ND(0.0056)	ND(0.0057) ND(0.0057)	ND(0.0056) ND(0.0056)
1.2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1.2-Dibromoethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,2-Dichloropropane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
1,4-Díoxane	ND(0.11) J				
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
2-Chloroethylvinylether	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
3-Chloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	0.0081 J	ND(0.022)	ND(0.022)	ND(0.023)	ND(0.022)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.11)	NO(0.11)	ND(0.11)
Acrolein	ND(0.11) J				
Acrylonitrile	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Benzene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
Bromodichloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Bromoform	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Bromomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Carbon Disulfide	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Carbon Tetrachloride	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chlorobenzene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloroethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloroform	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dibromochloromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dibromomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Dichlorodifluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Ethyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Ethylbenzene	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
lodomethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Isobutanol	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11)
Methacrylonitrile	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Methyl Methacrylate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Methylene Chloride Propionitrile	ND(0.0056) ND(0.011)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Styrene		ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
	ND(0.00560)	ND(0.00540)	ND(0.00560)	ND(0.00570)	ND(0.00560)
Tetrachloroethene Toluene	ND(0.0056) ND(0.00560)	ND(0.0054) ND(0.00540)	ND(0.0056) ND(0.00560)	ND(0.0057) ND(0.00570)	ND(0.0056) ND(0.00560)
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.00570)	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056) J
Trichlorgethene	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Trichlorofluoromethane	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Vinyt Acetate	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Vinyl Chloride	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Xylenes (total)	ND(0.0056)	ND(0.0054)	ND(0.0056)	ND(0.0037)	ND(0.0058)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts por million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4E RAA4-K31 3-6	4E RAA4-L28 0-1	4E RAA4-L31 0-1	4E RAA4-M8 0-1	4E RAA4-M11 0-1
	3-6 06/17/02	06/25/02	06/25/02	06/25/02	07/02/02
Parameter Date Collected:	00/1//02	00/10/02	0012002	00/20:02	- CHOLDE
2.4.5-Tetrachlorobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
,2,4-Trichlorobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
.2-Dichlorobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
,2-Diphenylhydrazine	ND(0.37)	ND(0.36)	ND(0.37)	0.15 J	ND(0.41)
.3.5-Trinitrobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
,3-Dichlorobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0,410)
.3-Dinitrobenzene	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
,4-Dichlorobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
.4-Naphthoquinone	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
-Naphthylamine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
3.4.6-Tetrachlorophenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
4,5-Trichlorophenol	ND(0.370)	ND(0.360) ND(0.360)	ND(0.370) ND(0.370)	ND(0.380) ND(0.380)	ND(0.410) ND(0.410)
2,4,6-Trichlorophenol	ND(0.370) ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
2,4-Dichlorophenol	ND(0.370)	ND(0.360)	ND(0.370)	3.50	ND(0.410)
.4-Dimethylphenol .4-Dinitrophenol	ND(0.370) ND(1.90)	ND(0.380) ND(1.8) J	ND(1.9) J	ND(1.9) J	ND(2.00)
4-Dinitrophenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
6-Dichlorophenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
6-Dinitrotoluene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Acetylaminofluorene	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
-Chloronaphthalene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Chlorophenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Methylnaphthalene	ND(0.370)	ND(0.360)	ND(0.370)	0.150 J	0.100 J
-Methylphenol	ND(0.370)	ND(0.360)	ND(0.370)	5.10	ND(0.410)
-Naphthylamine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
-Nitroaniline	ND(1.90)	ND(1.80)	ND(1.90)	0.840 J	ND(2.00)
2-Nitrophenol	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
-Picoline	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
84-Methylphenol	ND(0.760)	ND(0.730)	ND(0,750)	4,60	ND(0,750)
3.3'-Dichlorobenzidine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760) ND(0.380)	ND(0.82) J ND(0.410)
3,3'-Dimethylbenzidine	ND(0.370) ND(0.760)	ND(0.360) ND(0.730)	ND(0.370) ND(0.750)	ND(0.360)	ND(0.410)
-Nitroaniline	ND(0.780)	ND(1.80)	ND(1.90)	ND(1.90)	ND(2.00)
.6-Dinitro-2-methylphenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Aminobiphenyl	ND(0.760)	ND(0.730)	ND(0,750)	ND(0.760)	ND(0.750)
-Bromophenyl-phenylether	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Chloro-3-Methylphenol	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0,410)
I-Chloroaniline	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
-Chlorobenzilate	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
-Chiorophenyl-phenylether	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
I-Nitroanifine	ND(1.90)	ND(1.80)	ND(1,90)	ND(1.90)	ND(1.90)
4-Nitrophenol	ND(1.90)	ND(1.80)	ND(1.90)	ND(1.90)	ND(2.00)
-Nitroquinoline-1-oxide	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
4-Phenylenediamine	ND(0.76) J	ND(0.73) J	ND(0.75) J	ND(0.76) J	ND(0.75) J
5-Nitro-o-loluidine	ND(0.760)	ND(0.730) ND(0.730)	ND(0.750) ND(0.750)	ND(0.760) ND(0.760)	ND(0.750) ND(0.750)
(,12-Dimethylbenz(a)anthracene	ND(0.760) ND(0.760)	ND(0.730) ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750) ND(0.750)
a.a-Dimethyiphenemyiamine	ND(0.370)	ND(0.360)	ND(0.370)	1.00	0.190 J
Acenaphthylene	ND(0.370)	ND(0.360)	ND(0.370)	0.140 J	ND(0.410)
Acetophenone	ND(0.370)	ND(0.360)	ND(0.370)	0.300 J	ND(0.410)
Anjäne	ND(0.370)	ND(0.360)	ND(0.370)	270	4.20
Anthracene	ND(0.370)	ND(0.360)	ND(0.370)	1.10	0.380 J
vramite	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Benzidine	ND(0.76) J	ND(0.73)	ND(0.75)	ND(0.76)	ND(0.82) J
Benzo(a)anthracene	ND(0.370)	ND(0.360)	0.110 J	3.60	1.50
Benzola)pyrene	ND(0.370)	0 110 J	0.220 J	4.80	1.60
Benzo(b)fluoranthene	ND(0.370)	ND(0.360)	ND(0.360)	5.20	1.90
Senzo(g.n.i)perylene	NO(0.379)	ND(0.360)	ND(0.370)	3.00	1 30
aenzo(k)fluoranthene	ND(0.370)	ND(0.360)	0.140 J	3.90	1.50
Benzyl Alcohol	ND(0.760)	ND(0.73) J	i ND(0.75) J	ND(0.75) J	ND(0.820)
sis(2-Chloroethoxy)metnane	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
ois(2-Chloroethyl)ether	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)

VIGE_Pittsheld_CD_ESA_2_South_ConfidentialNotes and DataPDI DATA8.xis Table B-1 (B) Page 166 of 197

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-K31	RAA4-L28	RAA4-L31	RAA4-M8	RAA4-M11
Sample Depth(Feet):	3-6	0-1	0-1	0-1	0-1
Parameter Date Collected:	06/17/02	06/25/02	06/25/02	06/25/02	07/02/02
Semivolatile Organics (continued)					
bis(2-Ethylhexyi)phthalate	ND(0.370)	ND(0.360)	ND(0.370)	0.380	ND(0.370)
Butyloenzyiphthalate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Chrysene	ND(0.370)	0.120 J	0.140 J	3.70	1.50
Diallate	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Dibenzo(a,h)anthracene	ND(0.370)	ND(0.360)	ND(0.370)	1.30	ND(0.410)
Dibenzoluran	ND(0.370)	ND(0.360)	ND(0.370)	0.380	ND(0.410)
Diethylphthalate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Dimethylphthalate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Di-n-Butylphthalate	ND(0.370)	ND(0.360)	ND(0.370)	2.30	ND(0.410)
Di-n-Octylphthalate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Diphenylamine	ND(0.37)	ND(0.35)	ND(0.37)	ND(0.38)	ND(0.41)
Ethyl Methanesulfonate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Fluoranthene	ND(0.370)	0.160 J	0.280 J	8.30	2.20
Fluorene Hexachiorobenzene	ND(0.370) 0.0950 J	ND(0.360)	ND(0.370)	0.620	0.160 J
Hexachlorobutadiene	ND(0.370)	ND(0.360) ND(0.360)	ND(0.370) ND(0.370)	ND(0.380) ND(0.380)	ND(0.410)
Hexachlorocyclopentadiene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410) ND(0.410)
Hexachioroethane	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Hexachlorophene	ND(0.76)	ND(0.73)	ND(0.75)	ND(0.76)	ND(0.82)
Hexachloropropene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Indeno(1,2,3-cd)pyrene	ND(0.370)	ND(0.360)	ND(0.370)	3.10	1.10
Isodrin	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)
Isophorone	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
isosafrole	ND(0.760)	ND(0.730)	ND(0,750)	ND(0.760)	ND(0.750)
Methapyrilene	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Methyl Methanesulfonate	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Naphthalene	ND(0.370)	ND(0.360)	ND(0.370)	0.400	0.180 J
Nitrobenzene	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosodiethylamine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosodimethylamine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitroso-di-n-butylamine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
N-Nitroso-di-n-propylamine	ND(0.370)	ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.410)
N-Nitrosodiphenylamine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosomethylethylamine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
N-Nitrosomorpholine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosopiperidine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
N-Nitrosopyrrolidine	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0,41)
o-Toluidine	ND(0.370)	ND(0.360)	ND(0.370)	6.10	0.180 J
p-Dimethylaminoazobenzene	ND(0.760)	ND(0.730)	ND(0.750)	ND(0.760)	ND(0.750)
Pentachlorobenzene	ND(0.370) ND(0.37)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Pentachloroethane Pentachloronitrobenzene	ND(0.37) ND(0.760)	ND(0.36) ND(0.730)	ND(0.37) ND(0.750)	ND(0.38) ND(0.760)	ND(0.41)
Pentachiorophenol	ND(0.780) ND(1.90)	ND(0.730) ND(1.80)	ND(0.750)	ND(0.760) ND(1.90)	ND(0.750)
Phenacetin	ND(1.30) ND(0.760)	ND(0.730)	ND(1.90) ND(0.750)	ND(0.760)	ND(2.00) ND(0.750)
Phenanthrene	ND(0.370)	ND(0.730)	ND(0.370)	5.50	1.80
Phenoi	ND(0.370)	ND(0.360)	ND(0.370)	25.0	0.350 J
Pronamide	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Pyrene	ND(0.370)	0.150 J	0.230 J	6.70	3.30
Pyridine	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Safrole	ND(0.370)	ND(0.360)	ND(0.370)	ND(0.380)	ND(0.410)
Thionazin	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.38)	ND(0.41)

Averaging Area: Sample ID:	4E RAA4-K31 3-5	4E RAA4-L28 0-1	4E RAA4-L31 0-1	4E RAA4-M8 0-1	4E RAA4-M11 0-1
Sample Depth(Feet): Parameter Date Collected:	06/17/02	06/25/02	06/25/02	06/25/02	07/02/02
Furans					
2,3,7,8-TCDF	0.00018 Y	0.000016 Y	0.00011 Y	0.00018 Y	0.000051 Y
rCDFs (total)	0.00111	0.00013	0.00064	0.00221	G.00068 I
1.2.3.7.8-PeCDF	0.00017	0.0000063	0.000092	0.00010	0.000036 Q
2.3.4.7.8-PeCDF	0.00026	0.0000096	0.00014	0.00028	0.000047
PeCDFs (total)	0.0016 QI	0.00011 Q	0.0011 QI	0.0040 Q	0.00063 (0)
1.2.3.4.7.8-HxCDF	0.06041	0.000014	0.00013	0.00020	0.000072
1,2,3,6,7,8-HxCDF	0.00012	0.0000062	0.000053	0.00014	0.000046
1.2.3.7.8.9-HxCDF	0.00012	0.0000019 JG	0.000033	0.000040	0.000013
2,3,4,6,7,8-HxCDF	0.00012	0.0000072	0.000073	0.00034	0.000065
HxCDFs (total)	0.00012	0.00010 Q	0.00089	0.0046	0.00061
1,2,3,4,6,7,8-HpCDF	0.00020	0.000015	0.000071	0.00046	0.00018
1.2.3.4.7.8.9-HpCDF	0.00014	0.000013	0,000022	0.000049	0.000018
HpCDFs (total)	0.00066	0.000028	0.00017	0.00011	0.00026
DCDF	0.00092	0.000015	0.000064	0.00035	0.000098
Dioxins	0.00057	0.000010	0.00000	0.00000	01000000
3.7.8-TCDD	0.0000018	ND(0.00000013) X	ND(0.00000073) X	0.0000023 J	0.0000028
	0.000026	0.0000032	0.0000037	0.000046	0.000095
FCDDs (total)	ND(0.000058) X	0.0000030 J	ND(0.0000040) X	ND(0.000010) X	0.0000083
1,2,3,7,8-PeCDD PeCDDs (total)	0.000011	0.0000039 Q	0,0000048	0.000081 Q	0.00013 Q
1.2,3,4,7,8-HxCDD	0.0000041	0.0000034 J	0.0000040	0.000013	0.00013 0
1,2,3,6,7,8-HxCDD	0.0000034	0.00000034 J	0.0000021	0.000018	0.000016
1.2.3.7.8.9-HxCDD	0.0000034 0.0000021 J	0.00000040 J	0.0000021 0.0000015 J	0.000010	0.000012
HZ,3,7,6,9-HXCDD HxCDDs (total)	0.0000213	0.0000059 Q	0.000024	0.00026	0.00026
1,2,3,4,6,7,8-HpCDD	0.000041	0.0000033	0.000022	0.00019	0.000094
HpCDDs (total)	0.000043	0.0000062	0.000042	0.00057	0.00020
	0.000045	0.000002	0.00013	0.0003/	0.00017
Total TEQs (WHO TEFs)	0.00024	0.000010	0.00012	0.00025	0.000068
	0.00024	0,000010	0.00012	0.0002.0	0.000000
norganics	ND(6.00)	1.10 B	ND(6.00)	11.0	16.0
Antimony		2	3.50	7.60	22.0
Arsenic	3.00 ND(20.0)	7.90 28.0	21.0	53.0	22.0 220 J
Barium		ND(0.500) J	ND(0.500) J	ND(0,500) J	ND(0.500)
Beryllium	ND(0.500) 0.150 B	ND(0.500) J	ND(0.500) J	0,970 J	13.0
Cadmium Chromium	6.30	8.90	6.40	11.0	27.0
	6.70	0.90 10.0	7.30	6.20	<u> </u>
Cobalt	16.0 J	22.0	18.0	97.0	<u> </u>
Copper	and the second	ND(0.110)	ND(0.110)	0.510	0,180 8
Cyanide	ND(0.110) J 8.00	11.0	57.0	73.0	2600
Lead	8.00 ND(0.110) J	ND(0.110) J	ND(0.110) J	0.400	ND(0.110)
Mercury	11.0	15.0	14.0	20.0	57,0
Nickel	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J	1.50
Selenium	ND(1.00) 3 ND(1.00)	ND(1.00) J	ND(1.00) J	0.540 J	ND(1.60)
Silver	38.0 J	30.0	23.0	100	52.0
Sulfide	38.0 J ND(1.70) J	1.00 J	23.0 ND(1.70) J	ND(1.70) J	52.0 ND(1,70) J
Thallium				ND(10,0)	ND(1.70) J 140
lin	ND(3.60)	ND(3.80) 8.00	ND(3.4) 7.80	14.0	140
Vanadium	6.70 42.0 J	<u> </u>	46.0	370	14.0 1300 J

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

	Averaging Area: Sample ID:	4E RAA4-M13	4E RAA4-M15	4E RAA4-M15	4E RAA4-M17	4E RAA4-M21	4E RAA4-M21
:	Sample Depth(Feet):	1-3	0-1	3-6	0-1	0+1	3-6
Parameter	Date Collected:	06/28/02	07/08/02	07/08/02	06/10/02	06/13/02	06/13/02
/olatile Organ	ics						
1,1,1.2-Tetrach	loroethane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1, 1, 1-Trichloroe	thane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1,2,2-Tetrach	lordethane	ND(0.0058)	ND(0.0050)	ND(0.0055) J	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,1,2-Trichloroe	ithane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,1-Dichloroeth	ane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1.1-Dichloroeth	епе	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
i.2.3-Trichiorop	vropane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,2-Dibromo-3-	chloropropane	ND(0.0058) J	ND(0.0050)	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
1,2-Dibromoeth	ane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
,2-Dichloroeth	ane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
1,2-Dichloropro	рапс	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
I,4-Dioxane		ND(0.12)	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0.10) J	ND(0.11) J
2-Butanone		ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
2-Chlora-1,3-bu		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
2-Chloraethylvi	nylether	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
2-Hexanone		ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
3-Chioropropen	ie –	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
I-Methyl-2-pen	tanone	ND(0.012)	ND(0.010)	ND(0.011)	ND(0.011)	ND(0.010)	ND(0.011)
Acetone		ND(0.023)	ND(0.020)	ND(0.022)	ND(0.023)	ND(0.021) J	0.036 J
Acetonitrile		ND(0.12)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.11)
Acrolein		ND(0.12) J	ND(0.10) J	ND(0.11) J	ND(0.11) J	ND(0,10) J	ND(0.11) J
Acrylonitrile		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Benzene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
Bromodichioror	nethane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Bromotorm		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Scomomethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Carbon Disulfid	6	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Carbon Tetrach	loride	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chlorobenzene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chloroethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0 0053)	ND(0.0056)
Chiorotorm		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Chloromethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
cis-1,3-Dichloro	, , , , , , , , , , , , , , , , , , ,	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dibromochloror	methane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dibromometha		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Dichlorodifluore	AN II CO VO	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Ethyl Methacry	late	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Ethylbenzene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
odomethane		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
sobutanol		ND(0.12)	ND(0.10)	ND(0.11)	ND(0.11)	ND(0.10)	ND(0.11)
Methacrylonitril	reserves and the second state of the second st	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Methyl Methaci		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Methylene Chic	bride	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Propionitrile		ND(0.012) J	ND(0.010)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.011)
Styrene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	ND(0.00530)	ND(0.00560)
Tetrachloroethe	ene	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Toluene		ND(0.00580)	ND(0.00500)	ND(0.00550)	ND(0.00570)	0.0100	ND(0.00560)
rans-1,2-Dichle	·	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
rans-1.3-Dichte		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
Irans-1,4-Dichie		ND(0.0058)	ND(0.0050) J	ND(0.0055)	ND(0.0057) J	ND(0.0053)	ND(0.0056)
Trichloroethene		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	0.011	ND(0.0056)
Trichlorofluoror	neihane	ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(0.0057)	ND(0.0053)	ND(0.0056)
vinyi Acelate		ND(0.0058)	ND(0.0050)	ND(0.0055)	ND(9.0057)	ND(0.0053) J	ND(0.0056) J
Vinyl Chioride	}	ND(0.0058)	ND(0.0050)	ND(0.0055)	I ND(0.0057)	ND(0.0053)	ND(0.0056)

Averaging Area: Sample ID:	4E RAA4-M13	4E RAA4-M15	4E RAA4-M15	4E RAA4-M17	4E RAA4-M21	4E RAA4-M21
Sample Depth(Feet):	1-3 06/28/02	0-1 07/08/02	3-6 07/08/02	0+1 06/10/02	0-1 06/13/02	3-6 06/13/02
Parameter Date Collected:	06/28/02	07/05/02	07/08/02	06/10/02	00/15/02	00/13/02
emivolatile Organics		1 1000 1000	10/0 2201	ND(0.400)	ND/C 2501	
2,4,5-Tetrachlorobenzene	<u>ND(0.390)</u> 0,480	ND(0.460) ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
.2.4-Trichlorobenzene	ND(0.390)	ND(0.460)	ND(0.370) ND(0.370)	ND(0.480) ND(0.480)	0.710 ND(0.350)	0.0910 J ND(0.370)
,2-Dichlorobenzene	ND(0.390) J	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.370) ND(0.37)
.2-Diphenylhydrazine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
.3-Dichlorobenzene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
"3-Dinitrobenzene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
,4-Dichlorobenzene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	0.140 J	0.100 J
,4-Naphthoquinone	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
-Naphthylamine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
3,4,6-Tetrachlerophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4.5-Trichlorophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4,6-Trichlorophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Dichlorophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
,4-Dimethylphenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
4-Dintrophenol	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
4-Dinitrotoluene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
6-Dichlorophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
2.6-Dinitrotoluene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Acetylaminofluorene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
-Chloronaphthalene	ND(0.390)	ND(0,460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Chlorophenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Methylnaphthalene	ND(0.390)	ND(0.460)	0.0760 J	ND(0.480)	ND(0.350)	0.0750 J
-Methylphenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Naphthylamine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
-Nitroaniline	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
-Nitrophenol	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
-Picoline	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
884-Methylphenol	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
3'-Dichlorobenzidine	ND(0.780)	ND(0.93) J	ND(0.74) J	ND(0.970)	ND(0.710)	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Methylcholanthrene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
3-Nitroaniline	ND(2.00)	ND(2.30)	ND(1,90)	ND(2.40)	ND(1.80)	ND(1.90)
,6-Dinitro-2-methylphenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Aminobiphenyl	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
-Bromophenyl-phenylether	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Chloro-3-Methylphenol	ND(0.390)	ND(0,460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Chtoroaniline	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
-Chlorobenzilate	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
I-Chtorophenyl-phenylether	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
I-Nitroaniline	ND(2.00)	ND(1.90)	ND(1.90)	ND(1.90)	ND(1.80)	ND(1.90)
I-Nitrophenol	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
I-Nifroquinoline-1-oxide	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
I-Phenylenediamine	ND(0.78) J	ND(0.75) J	ND(0.74) J	ND(0.76) J	ND(0.71) J	ND(0.74) J
-Nitro-c-toluídine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
,12-Dimethylbenz(a)anthracene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
,a'-Dimethylphenethylamine	ND(0.780)	ND(0.750)	ND(0 740)	ND(0.760)	ND(0 710)	ND(0.740)
Acenaphthene	0.220 J	0.400 J	0.780	ND(0.480)	ND(0.350)	0.450
Acenaphthylene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	0.170 J
Acetophenone	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Miline	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	0 450
Inthracene	0.460	0.310 J	0.610	ND(0.480)	0.0760 J	1.10
Vamite	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.716)	ND(0.740)
lenzidine	ND(0.78)	ND(0.93) J	ND(0.74) J	ND(0.97)	ND(0.71)	ND(0.74) J
Senzo(a)anthracene	0.870	1.60	1.90	0.820	0.740 J	2.00
enzo(a)pyrene	1.00	1.70	1.90	0.890	ND(0.350)	1.60
Renzo(b)/luoranthene	1 10	2.60	3.00	2.50	0.170 J	1.90
Benzu(g,h,i)perviene	ND(0.390)	0.530	0.980	2.60	0.0880 J	1.00
Benzo(k)fluoranthene	0.900	2 60	2 70	1.40	0.100 J	1,20
Jenzyi Alcohol	ND(0.78) J	ND(0.930)	ND(0 740)	NO(0.970)	ND(0.710)	ND(0.740)
is(2-Chloroethoxy)methane	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
vis(2-Chloroethyl)ether	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
bis(2-Chloroisopropyl)ether	ND(0.390)	ND(0.46) J	ND(0.37) J	ND(0.480)	ND(0.35) J	ND(0.370)

TABLE 8-1 PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

Averaging Area:	4E	4E	4E	4E	4E	4 E
Sample ID:	RAA4-M13	RAA4-M15	RAA4-M15	RAA4-M17	RAA4-M21	RAA4-M21
Sample Depth(Feet):	1-3	0-1	3-6	0-1	0-1	3-6
Parameter Date Collected:	06/28/02	07/08/02	07/08/02	06/10/02	06/13/02	06/13/02
emivolatile Organics (continued)						
pis(2-Ethylhexyl)phthalate	ND(0.380)	ND(0.370)	ND(0.370)	ND(0.370)	ND(0.350)	ND(0.370)
Butylbenzylphthalate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Chrysene	1.00	2.10	2.00	<u> </u>	0.200 J	1.60
Diallate	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0,710)	ND(0.740)
Dibenzo(a,h)anthracene	ND(0.390)	0.300 J	0.240 J	0.730	ND(0.350)	0.340 J
Dibenzofuran	0.110 J	0.110 J	0.240 J	ND(0.480)	ND(0.350)	0.530
Diethylphthalate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Dimethylphthalate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0,480)	ND(0.350)	ND(0.370)
Di-n-Butylphthalate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Di-n-Octylphthalate	ND(0,390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Diphenylamine	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
Ethyl Methanesulfonate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Fluoranthene	2.30	5.00	4.20	1.20	0.210 J	4.60
luorene	0.130 J	0.180 J	0.490	ND(0.480)	ND(0.350)	0.860
Hexachlorobenzene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorobutadiene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorocyclopentadiene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachloroethane	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Hexachlorophene	ND(0.78)	ND(0.93)	ND(0.74)	ND(0.97)	ND(0.71)	ND(0.74)
Hexachloropropene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
ndeno(1,2,3-cd)pyrene	0.360 J	0.460 J	0.990	1.40	ND(0.350)	0.990
Isodrin	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
sophorone	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
sosatrole	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Methapyrilene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Methyl Methanesulfonate	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Naphthalene	ND(0.390)	ND(0.460)	0.180 J	ND(0.480)	0.0850 J	ND(0.370)
Nitrobenzene	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodiethylamine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodimethylamine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.48) J	ND(0.350)	ND(0.370)
N-Nitroso-di-n-butylamine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosodiphenylamine	ND(0.390)	ND{0.460}	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosomethylethylamine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
N-Nitrosomorpholine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosopiperidine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
N-Nitrosopyrrolidine	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
p-Toluidine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
p-Dimethylaminoazobenzene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Pentachiorobenzeric	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Pentachioroethane	ND(0.39)	ND(0.46)	ND(0.37)	ND(0.48)	ND(0.35)	ND(0.37)
Pentachloronítrobenzene	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Pentachlorophenol	ND(2.00)	ND(2.30)	ND(1.90)	ND(2.40)	ND(1.80)	ND(1.90)
Phenacetin	ND(0.780)	ND(0.750)	ND(0.740)	ND(0.760)	ND(0.710)	ND(0.740)
Phenanthrene	2.50	3.70	3.50	ND(0.480)	0.260 J	4.00
Phenol	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Pronamide	ND(0.390)	ND(0.450)	ND(0.370)	ND(6,480)	ND(0.350)	ND(0.370)
Pyrene	2.40	3.10	5.20	0.790	0.430	4.70
Pyridine	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Safrole	ND(0.390)	ND(0.460)	ND(0.370)	ND(0.480)	ND(0.350)	ND(0.370)
Thionazin	ND(0.39)	ND(0.46)	ND(0.370)	ND(0.48)	ND(0.35)	ND(0.370) ND(0.37)

Sample	eraging Area: Sample ID: Depth(Feet): ate Collected:	4E RAA4-M13 1-3 06/28/02	4E RAA4-M15 0-1 07/08/02	4E RAA4-M15 3-6 07/08/02	4E RAA4-M17 0-1 06/10/02	4E RAA4-M21 0-1 06/13/02	4E RAA4-M21 3-6 06/13/02
Furans	· · · · · · · · · · · · · · · · · · ·						
2,3,7,8-TCDF		0.000035 Y	ND(0.0000013)	0.000013 Y	0.00028 Y	0.00063 YEIJ	0 0023 YEJ
TCDFs (total)	·	0.00053 Q	0.0000097 Q	0.00031	0.0022 Q	0.0068 QI	0.029 Q
1,2,3,7,8-PeCDF		0.000042	0.0000014 J	0.0000034 J	0.00050	0.00056	0.023 0
2.3.4.7.8-PeCDF		0.000065	0.0000016 J	0.000017 J	0.00050	0.0011 EJ	0.0018
PeCDFs (total)		0.00030 QI	0.0000094 Q	0.00019 Q	0.0045 QI	0.0111	0.026 QI
1,2,3,4.7,8-HxCDF		0.00017	0.0000024 J	0.000013 J	0.00091	0.0016 EJ	0.0059 EIJ
1.2.3.6.7.8-HxCDF		0.000066	ND(0.0000055)	0.000014 J	0.00046	0.00099 EJ	0.0033
1,2,3.7,8,9-HxCDF		0.000041	0.0000013 J	0.0000033 J	0.00023	0.00020	0.00055
2,3,4,6,7,8-HxCDF		0.000036	0.0000032 J	0.000021 J	0.00027	0.00082	0.00096
HxCDFs (total)		0.00054 Q	0.000013 Q	0.00014	0.00421	0.012	0.021
1,2,3,4,6,7,8-HpCDF		0.000049	0.0000054 J	0.000047	0.00065	0.0016 EJ	0.00461
1,2,3,4,7,8,9-HpCDF		0.000040	ND(0.0000028)	0.0000037 J	0.00024	0.00039	0.0013
HpCDFs (total)		0.00013	0.0000054	0.000064	0.0013	0.0034	0.00761
OCDF		0.000056	ND(0.0000056) X	0.000017 J	0.00055	0.0014	0.00811
Dioxins			()			1	
2.3.7.8-TCDD	Γ	ND(0.00000038) X	ND(0.0000026)	ND(0.0000028)	0.0000016	0.0000075	0.000012
TCDDs (total)		0.0000065	ND(0.0000026)	0.000027	0.000025 Q	0.00013	0.00043 Q
1.2.3.7.8-PeCDD		ND(0.00000049) X	0.0000012 J	ND(0.0000036) X	0.0000066	0.000070 Q	ND(0.000026) X
PeCDDs (total)		0.0000027 Q	0.0000041 Q	0.000047 Q	0.000062 Q	0.00054 Q	0.00046 Q
1,2,3,4,7,8-HxCOD		ND(0.00000051) X	ND(0.0000078)	0.0000033 J	0.0000078	0.000057	0.000034
1,2,3,6,7,8-HxCDD		0.00000086 J	ND(0.0000013) X	0.0000054 J	0.000012	0.000071	0.000063
1,2,3,7,8,9-HxCDD		0.00000084 J	0.0000014 J	0.0000048 J	0.0000086	0.000058	0.000046
HxCDDs (total)		0.000012	0.0000037 Q	0.000070	0.00016	0.0010	0.00089
1,2,3,4,6,7,8-HpCDD		0.0000069	0.0000078 J	0.000024 J	0.000079	0.00035	0.00038
HpCDDs (total)	••••	0.000014	0.000015	0.000051	0.00019	0.00082	0.00075
OCDD		0.00010	0.000068	0.00010	0.00066	0.0016	0.00068
Total TEQs (WHO TEP	s)	0.000071	0.0000051	0.000021	0.00051	0.0011	0.0024
Inorganics							
Antimony	i	ND(6.00)	0.900 B	ND(6.00)	0.960 B	ND(6.00)	16.0
Arsenic		9.00	7.60	4.50	3.30	6.00	6.10
Barium		110	29.0	46.0	26.0	35.0	68.0
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium		2,10	ND(0.500)	1.60	0.670	ND(0.500)	0.690
Chromium	***	9.90	9.90	13.0	9.50	10.0	18.0
Cobalt		6.30 J	9.30	5.10	6.30	7.00	7.30
Copper		450	64.0	4500	53.0	230	240
Cyanide		0.380	ND(0.110)	ND(0.220)	ND(0.110)	ND(0.100)	0.340
Lead		560	20.0	1100	33.0 J	170	360
Mercury		0.860	0.0780 B	0.200	ND(0.110)	0.280 J	4.40 J
Nickel		13.0	16.0	12.0	7.00	17.0	18,0
Selenium		ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00) J
Silver		0.860 J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.500 B
Sulfide		130	36.0	35.0	29.0	64.0	150
Thallium		ND(1.70) J	1.60 B	2.40	ND(1.10)	1.20 J	1.30 J
Tín		41.0	ND(10.0)	85.0	ND(10.0)	ND(15.0)	31.0
Vanadium		9.90	10.0	10.0	14.0	5.50	6.60
Zinc		740 J	67.0	1600	87.0	170	410

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area:	4E	48	46	4E	4E	4E
Sample ID:	RAA4-M23	RAA4-M27	RAA4-M29	RAA4-M30	RAA4-N15	RAA4-03
Sample Depth(Feet):	0-1	0-1	1-3	0-1	1-3	1-3
Parameter Date Collected:	06/14/02	05/29/02	06/18/02	04/22/02	06/18/02	06/12/02
Volatile Organics	110 (0.0053)					
1.1.1.2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,1,1-Trichloroethane	ND(0.0657)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1.1.2.2-Tetrachloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062) J
1.1,2-Trichloroethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1.1-Dichloroethane	ND(0.0057) ND(0.0057)	ND(0.0057) ND(0.0057)	0.0059 J ND(0.0061)	ND(0.0054) ND(0.0054)	NS NS	ND(0.0062)
1,2,3-Trichloropropane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS NS	ND(0.0062) ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.8054)	NS NS	ND(0.0062) J
1,2-Dibromoethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2-Dichiproethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,2-Dichloropropane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
1,4-Dioxane	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NS	ND(0.12) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
2-Chloroethyivinylether	ND(0.0057)	ND(0.0057)	ND(0.0061)	NO(0.0054)	NS	ND(0.0062)
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
3-Chioropropene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012)
Acetone	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.022)	NS	ND(0.025)
Acetonitrile	ND(0.11)	ND(0.11) J	ND(0.12)	ND(0.11) J	NS	ND(0.12)
Acroleín	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NS	ND(0.12)
Acrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Benzene	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
Bromodichloromethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Bromoform	ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Bromomethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Carbon Disulfide	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Carbon Tetrachloride	ND(0.0057)	ND(0.0057)	ND(0 0061)	ND(0.0054)	NS	ND(0.0062)
Chlorobenzene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloroethane	ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloroform	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Chloromethane cis-1,3-Dichloropropene	ND(0.0057)	NO(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Dibromochloromethane	ND(0.0057) ND(0.0057)	ND(0.0057) ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Dibromochloromethane	ND(0.0057)	ND(0.0057)	ND(0.0061) ND(0.0061)	ND(0.0054)	NS NS	ND(0.0062)
Dichlorodifluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054) ND(0.0054)	NS	ND(0.0062) ND(0.0062)
Ethyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS NS	ND(0.0062)
Ethylbenzene	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
lodomethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Isobutanoi	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11) J	NS	ND(0.12)
Methacrylonitrile	ND(0.0057)	ND(0.0057)	ND(0.0051)	ND(0.0054)	NS	ND(0.0062)
Methyl Methacrylate	ND(0.0057)	ND(0.0057)	ND(0.0051)	ND(0.0054)	NS	ND(0.0062)
Methylene Chloride	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	NS	ND(0.012) J
Styrene	ND(0.00570)	ND(0.00570)	ND(0.00610)	ND(0.00540)	NS	ND(0.00620)
Tetrachioroethene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Toluene	ND(0.00570)	ND(0.00570)	ND(0.00610)	0.0100	NS	ND(0.00620)
trans-1,2-Dichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NŜ	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
trans-1,4-Dichlore-2-butene	ND(0.0057)	ND(0.0057)	ND(0.0061) J	ND(0.0054)	NS	ND(0.0062)
Trichloroethene	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Trichlorofluoromethane	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Vinyl Acetate	ND(0.0057)	ND(0.0057) J	ND(0.0061)	ND(0.0054)	NŚ	ND(0.0062)
Vinyl Chloride	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)
Xyienes (total)	ND(0.0057)	ND(0.0057)	ND(0.0061)	ND(0.0054)	NS	ND(0.0062)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-M23	4E RAA4-M27	4E RAA4-M29	4E RAA4-M30	4E RAA4-N15	4E RAA4-03
Sample Depth(Feet):	0-1	0-1	1-3	0-1	1-3	1-3
Parameter Date Collected:	06/14/02	05/29/02	06/18/02	04/22/02	06/18/02	06/12/02
Semivolatile Organics						
1.2.4.5-Tetrachlorobenzene	1.40	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1.2.4-Trichlorobenzene	33.0	ND(0.380)	ND(0.400)	ND(0.360)	NS I	ND(0.410)
2-Dichlorobenzene	1.60	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Diphenylhydrazine	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
3.5-Trinitrobenzene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,3-Dichlorobenzene	2.20	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1,3-Dinitrobenzene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Dichlorobenzene	9.30	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
1.4-Nachthoguinone	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
I-Naphthylamine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2,3,4,6-Tetrachlorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4,5-Trichlorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4,6-Trichlorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,4-Dichlorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Dimethylphenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.350)	NS	ND(0.410)
2,4-Dinitrophenol	ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
2,4-Dinitrotoluene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,6-Dichlorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2,6-Dinitrotoluene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.36) J	NS	ND(0.410)
2-Acetylaminofluorene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Chloronaphthalene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Chiorophenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Methylnaphthalene	0.200 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Methylphenol	0.0810 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
2-Naphthylamine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Nitroaniline	0.940 J	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
2-Nitrophenol	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
2-Pícoline	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
3&4-Methylphenol	0.0810 J	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
3,3'-Dichlorobenzidine	ND(0.760)	ND(0.76) J	ND(0.820)	ND(0.730)	NS	ND(0.830)
3,3'-Dimethylbenzidine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
3-Methylcholanthrene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
3-Nitroaniline	ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS	ND(2.10)
4,6-Dinitro-2-methylphenol	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Aminobiphenył	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Bromophenyl-phenylether	ND(0.380) ND(0.380)	ND(0.380) ND(0.380)	ND(0.400) ND(0.400)	ND(0.360) ND(0.360)	NS NS	ND(0.410) ND(0.410)
1-Chloro-3-Methylphenol 4-Chloroaniline	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Chtorobenzilate	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Chlorophenyl-phenylether	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
4-Nitroaniline	ND(1.90)	ND(1.90)	ND(2.10)	ND(0.300)	NS NS	ND(2.10)
4-Nitrophenol	ND(1.90)	ND(1.90)	ND(2.10)	ND(1.80)	NS NS	ND(2.10)
4-Nitroquingline-1-oxide	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
4-Phenvlenediamine	ND(0.76) J	ND(0.76) J	ND(0.82) J	ND(0.73) J	NS	ND(0.83) J
5-Nitro-o-toluidine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS NS	ND(0.830)
7.12-Dimethylbenz(a)anthracenc	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
a,a'-Dimethylohenethylamine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Acenaphthene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Acenaphthylene	ND(0.380)	NO(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Acetophenone	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS I	ND(0.410)
Aniline	5.00	NC(0.380)	ND(0.490)	ND(0.360)	NS	ND(0.410)
Anthracene	ND(C.380)	ND(0.380)	ND(0.400)	0.6900 J	NS	ND(0.410)
Aramite	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
3enzidine	ND(0.76)	ND(0.76) J	ND(0.82)	ND(0.73) J	NS	ND(0.83)
Benzo(a)anthracene	ND(0.38C)	0 260 J	NO(0.400)	0.560	NS	ND(0.410)
Benzo(a)pyrene	0.120 J	0.319 J	ND(0.40) J	0.900	NS	ND(0.410)
Benzo(b)fluoranthene	0.270 J	0.2703	ND(0.40) J	0.730	NS]	ND(0.410)
Benzo(g,h,i)perylene	ND(0.380)	0.300 J	ND(0.400)	0.630	NS	ND(0.410)
Benzo(k)Iluoranthena	0.120 J	0.210 J	ND(0.400)	0.750	NS I	ND(0.410)
Benzy: Alçohol	ND(0.750)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
bis(2-Chloroelhoxy)methane	ND(0.380)	ND(0.380)	ND(0.400)	ND(6.360)	NS	ND(0.410)
ofs(2-Chloroethyl)ether	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
bis(2-Chloroisopropyt)ether	ND(0.38) J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.41) J

V:IGE_Pittefield_CD_ESA_2_South_ConfidentialNotes and DataIPDI DATA8.xis Table 8-1 (B) Page 174 of 197

Averaging Area:	4E	4E	4E	4E	4E	4E
Sample ID:	RAA4-M23	RAA4-M27	RAA4-M29	RAA4-M30	RAA4-N15	RAA4-03
Sample Depth(Feet):	0-1	0-1	1-3	0-1	1-3	1-3
Parameter Date Collected:	06/14/02	05/29/02	06/18/02	04/22/02	06/18/02	06/12/02
Semivolatile Organics (continued)						
bis(2-Ethylhexyl)phthalate	0.580	ND(0.370)	ND(0.400)	0.350 J	NS	ND(0.410)
Butylbenzylphthalate	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Chrysene	NO(0.380)	0.300 J	ND(0.400)	0.650	NS	ND(0.410)
Diallate	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Dibenzo(a,h)anthracene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Dibenzofuran	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Diethylphthalate	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Dimethylphthalate	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Di-n-Butytphthalate	ND(0.380)	0.140 J	ND(0.400)	ND(0.360)	NS	ND(0.410)
Di-n-Octylphthalate	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Diphenylamine	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS NS	ND(0.41)
Ethyl Methanesulfonate	ND(0.380) 0.270 J	ND(0.380) 0.460	ND(0.400)	ND(0.360)	NS NS	ND(0.410)
Fluoranthene		the state of the s	ND(0.400)	1.30		ND(0.410)
Fluorene Hexachiorobenzene	ND(0.380) ND(0.380)	ND(0.380) ND(0.380)	ND(0.400) ND(0.400)	ND(0.360) ND(0.360)	NS NS	ND(0.410) ND(0.410)
Hexachlorobutadiene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorocyclopentadiene	ND(0.380)	ND(0.38) J	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachloroethane	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Hexachlorophene	ND(0.76)	ND(0.76)	ND(0.82)	ND(0.73)	NS	ND(0.83)
Hexachloropropene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Indeno(1,2,3-cd)pyrene	ND(0.380)	0.210 J	ND(0.400)	0.510	NS	ND(0.410)
Isodrin	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
Isophorone	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Isosafroie	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Methapyrilene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Methyl Methanesulfonate	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Naphthalene	0.130 J	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Nitrobenzene	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodiethylamine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodimethylamine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitroso-di-n-butylamine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
N-Nitroso-di-n-propylamine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosodiphenylamine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosomethylethylamine	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
N-Nitrosomorpholine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
N-Nitrosopiperídine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	N5	ND(0.410)
N-Nitrosopyrrolidine	ND(0 760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
o.o.o-Triethylphosphorothioate	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
o-Toluídine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
p-Dimethylaminoazobenzene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Pentachlorobenzene	1.40	ND(0.380)	ND(0.400)	ND(0.350)	NS	ND(0.410)
Pentachioroethane	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)	NS	ND(0.41)
Pentachloronitrobenzene	ND(0.760)	ND(0.760)	ND(0.820)	ND(0.730)	NS	ND(0.830)
Pentachlorophenol	ND(1.90) ND(0.760)	ND(1.90) ND(0.760)	ND(2.10) ND(0.820)	ND(1.80)	NS	ND(2.10)
Phenacetin Phenacetin	ND(0.380)	0.160 J	ND(0.820) ND(0.400)	ND(0.730) 0.530	NS NS	ND(0.830)
Phenanthrene Phenol	0.660	ND(0.380)	ND(0.400)	ND(0.360)	NS	ND(0.410)
Pronamide	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS NS	ND(0.410)
Pyrene	0.560	0.420 J	ND(0.400)	0.910	NS I	ND(0.410) ND(0.410)
Pyridine	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS I	ND(0.410) ND(0.410)
Safrole	ND(0.380)	ND(0.380)	ND(0.400)	ND(0.360)	NS T	ND(0.410)
Thionazin	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.36)		ND(0.41)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID: Sample Depth(Feet):	4E RAA4-M23 0-1	4E RAA4-M27 0-1	4E RAA4-M29 1-3	4E RAA4-M30 0-1	4E RAA4-N15 1-3	4E RAA4-O3 1-3
Parameter	Date Collected:	06/14/02	05/29/02	06/18/02	04/22/02	06/18/02	06/12/02
Furans	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
2,3,7,8-TCDF		0.0050 Y	0.000050 Y	0.00000045 J	0.00023 Y	0.0023 Y	0.00000055 J
TCDFs (total)		0.052	0.00049 Q	0.0000017	0.0012 X	0.011 Q	0.0000076
1,2,3,7,8-PeC		0.0027	0.000027	0.00000012 J	0.00014	0.0016 Q	0.0000013 J
2.3.4.7.8-PeC	DF	0.016	0.00013	0.00000020 J	0.00015	0.0019	0 00000069 J
PeCDFs (tota	1)	0.12	0.0015 Q	0.0000011	0.0016 X	0.013 Q	0.000011
1,2,3,4,7,8-H	xCDF	0.010	0.000084	0.00000031 J	0.00011	0.0041	0.0000024
1,2,3,6,7,8-H	xCDF	0.0059	0.000059	0.00000019 J	0.000053	0.0021	0.0000011 J
1,2,3,7,8,9-H	xCDF	0.0019	0.000014 J	ND(0.00000027)	ND(0.000017) X	0.0011	0.00000019 J
2,3,4,6,7,8-H	xCDF	0.0089	0.00018	ND(0.00000027)	0.000058	0.0012	0.00000043 J
HxCDFs (tota	1)	0.12	0.0022	0.00000050	0.00078	0.0201	0.0000092
1,2,3,4,6,7,8-	HpCDF	0.0097	0.00018	0.00000029 J	0.000066	0.00311	0.0000015 J
1,2,3,4,7,8,9-	HpCDF	0.0031	0.000026	R	0.000014	0.0013	0.00000020 J
HpCDFs (tota	1)	0.025	0.00043	0.00000050	0.00015	0.00611	0.0000022
OCDF		0.013	0.00015	0.00000040 J	0.000055	0.0031	0.00000051 J
Dioxins				······			
2,3,7,8-TCDE)	0.00012	ND(0.0000016)	ND(0.00000011)	0.0000017	0.000011	ND(0.00000012) X
TCDDs (lotal		0.0062	0.0000036 Q	ND(0.00000020)	0.0000086	0.00018	0.000000091
1,2,3,7,8-PeC	DD	0.0014	ND(0.000013) X	ND(0.00000027)	0.0000035 J	0.000058	ND(0.00000018) X
PeCDDs (tota		0.018	0.000014	ND(0.00000027)	0.0000071	0.00049 Q	0.00000070
1,2,3,4,7,8-H	xCDD	0.00049	0.0000021 J	ND(0.00000027)	0.0000013 J	0.000074	0.00000017 J
1,2,3,6,7,8-H	xCDD	0.0018	0.0000023 J	ND(0.00000027)	0.0000015 J	0.000088	0.00000023 J
1,2,3,7,8,9-H	xCDD	0.0012	0.0000074 J	ND(0.00000027)	0.0000016 J	0.000077	0.00000011 J
HxCDDs (tota	at)	0.022	0.000046	ND(0.0000037)	0.0000071	0.0013	0.0000013
1,2,3,4,6,7,8-	HoCDD	0.0027	0.000026	0.00000049 J	0.0000082	0.00039	0.00000067 J
HpCDDs (tota	31)	0.0064	0.000054	0.00000089	0.000016	0.00081	0.0000012
dado	- <u></u>	0.0031	0.00038	0.0000033 J	0.000049	0.0012	0.0000026 J
Total TEQs (WHO TEFs)	0.013	0.00012	0.00000047	0.00013	0.0023	0.0000011
Inorganics	· · · · ·						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	1.30 B	NS	ND(6.00)
Arsenic		7.60	2.20	4.20	4.60	NS	4.00
Barium		50.0	ND(20.0)	40.0	20.0	NS	36.0
Beryllium		ND(0.500) J	0.120 B	ND(0.500)	0.160 B	NS	ND(0.500)
Cadmium		1.50	0.140 B	0,100 B	ND(0.500)	NS	ND(0.500)
Chromium		9.80	3.90	7.50	7.20	NS	7,40
Cobalt		ND(5.00)	ND(5.00)	ND(5.00)	5.50	NS	5.40
Copper	· · · · · · · · · · · · · · · · · · ·	130	14.0	21.0	15.0	NS	14.0
Cyanide	1	0.160	ND(0.110)	ND(0.120)	ND(0.110)	NS	ND(0,120)
Lead		480	6.50	36.0	19.0	NS	8.50 J
Mercury		0.960	ND(0.110)	ND(0.120)	0.024 J	NS	ND(0.120) J
Nickel	· · · • •	8.30	6.80	6.30	9,40	NS	13.0
Selenium	·····	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Sulfide		51.0	24.0	30.0	16.0	NS	26.0
Thaliium	1	ND(1.70) J	ND(1.10) J	ND(1.80)	ND(1.00) J	NS	1.40 B
โเก	1	ND(10.0)	ND(10.0)	ND(5.50)	ND(10.0)	NS	10.0 B
Vanadium		6.20	6.10	8 10	7.20	NS	7.50
Zinc		340	35.0	44.0	100	NS	35.0

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

	Averaging Area: Sample ID:	4E RAA4-O3	4E RAA4-03	4E RAA4-04	4E RAA4-07	4E RAA4-07
	Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
arameter	Date Collected:	10/18/02	10/18/02	06/26/02	07/03/02	07/03/02
olatile Orga	nics					
.1,1,2-Tetrac	hloroethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,1,1-Trichlord	ethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,1,2,2-Tetrac	hloroethane	NS	ND(0.0077)	NO(0.0051)	ND(0.0053)	ND(0.0052)
,1,2-Trichtore	ethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,1-Dichloroet	hane	NS	ND(0.6077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,1-Dichloroet	hene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
2,3-Trichiord	propane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,2-Dibromo-3	l-chloropropane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,2-Dibromoet	hane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,2-Dichloroet	hane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
.2-Dichloropt	opane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
,4-Dioxane		NS	ND(0.15)	ND(0.10) J	ND(0.10)	ND(0.10)
-Butanone		NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
-Chloro-1,3-t	utadiene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
-Chloroethyk	nylether	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
-Hexanone		NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
-Chloroprope	ne	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
-Methyl-2-pe	ntanose	NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone		NS	ND(0.031)	ND(0.020)	ND(0.021)	ND(0.021)
Acetonitrile		NS	ND(0.15)	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein		NS	ND(0.15) J	ND(0,10) J	ND(0.10)	ND(0.10)
Crylonitrile		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Benzene		NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
Bramadichiora	omethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Bromoform		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Bromomethan	e	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Carbon Disulf	de	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Carbon Tetrac	chloride	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chlorobenzen		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chloroethane		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chloroform		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Chioromethan	e	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
is-1,3-Dichlo		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dibromochlor	and the second	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dibromometh		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Dichlorodifluo	romethane	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Ethyl Methacr		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Ethylbenzene		NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
odomethane		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
sobutanol		NS	ND(0.15)	ND(0.10)	ND(0.10)	ND(0,10)
Aethacryloniti	ile	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Aethyl Metha	crylate	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
Aethylene Ch		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
ropionitrile		NS	ND(0.015)	ND(0.010)	ND(0.010)	ND(0.010)
Styrene		NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	ND(0.0052)
etrachlorceti	lene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
oluene		NS	ND(0.00770)	ND(0.00510)	ND(0.0053)	0.0075
rans-1,2-Dict	loroethene	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
rans-1.3-Dict		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
	loro-2-butene	NS	ND(0.0077)	ND(0.0051)	ND(0.0953)	ND(0.0052)
richloroether		NS	ND(0.0077)	ND(0.0051)	NO(0.0053)	ND(0.0052)
Trichlorofluoro		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
/invi Acetate		NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
/inyl Chloride		NS	ND(9.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)
(vienes (total	And a second state of the	NS	ND(0.0077)	ND(0.0051)	ND(0.0053)	ND(0.0052)

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-03	4E RAA4-03	4E RAA4-04	4E RAA4-07	4E RAA4-07
 Sample Depth(Feet): 	6-15	12-15	0-1	0-1	1-3
Parameter Date Collected:	10/18/02	10/18/02	06/26/02	07/03/02	07/03/02
iemivolatile Organics					
,2,4,5-Tetrachlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,2,4-Trichlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1,2-Dichlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
1.2-Diphenylhydrazine	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
1,3,5-Trinitrobenzene	ND(0.510)	NS	ND(0.360)	ND(0.350)	ND(0.350)
,3-Dichlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
.3-Dinitrobenzene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
,4-Dichlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
.4-Naphthoquinone	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
-Naphthylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
2,3,4,6-Tetrachlorophenol	ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2.4.5-Trichlarophenol	ND(0.510)	NS	ND(0.380)	<u> </u>	ND(0.350)
2.4.6-Trichlorophenol	ND(0.510)	NS NS	ND(0.380)	<u> </u>	ND(0.350)
2,4-Dichiorophenol	ND(0.510)	NS	ND(0.380)	R	ND(0.350)
2.4-Dimethylphenol	ND(0.510)	NS NO	ND(0.380)	R R	ND(0.350)
2,4-Dinitrophenol	ND(2.60)	NS	ND(1.90)		ND(1.80) ND(0.350)
2,4-Dinitrotoluene	ND(0.510)	NS NS	ND(0.380) ND(0.380)	ND(0.350) R	ND(0.350) ND(0.350)
2,6-Dichlorophenol	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350) ND(0.350)
2,6-Dinitrotoluene	ND(0.510)	NS NS	ND(0.890)	ND(0.350) ND(0.710)	ND(0.350) ND(0.700)
2-Acetylaminofleorene	ND(1.00)	NS NS	ND(0.690) ND(0.380)	ND(0.710)	ND(0.700) ND(0.350)
2-Chloronaphthalene	ND(0.510) ND(0.510)	NS NS	ND(0.380)	R	ND(0.350)
2-Chiorophenol	ND(0.510) ND(0.510)	NS NS	0.0840 J	ND(0.350)	ND(0.350)
2-Methylphenot	ND(0.510)	NS NS	ND(0.380)	R	ND(0.350)
2-Memyiphenor 2-Naphthylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
2-Nitroanitine	ND(2.60)	NS	ND(1.90)	ND(1.80)	ND(1.80)
2-Nitrophenol	ND(1.00)	NS	ND(0.690)	R	ND(0.700)
2-Picoline	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
3&4-Methylphenol	ND(1.00)	NS	ND(0.690)	R	ND(0.700)
3,3'-Dichlorobenzidine	ND(1.00)	NS	ND(0.76) J	ND(0.71) J	ND(0.70) J
3,3'-Dimethylbenzidine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
3-Methylcholanthrene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.35) J
3-Nitroaniline	ND(2.60)	NS	ND(1.90)	ND(1.80)	ND(1.80)
4,6-Dinitro-2-methylphenol	ND(0.510)	NS	ND(0.380)	R	ND(0.350)
4-Aminobiphenyl	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
4-Bromophenyl-phenylether	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Chloro-3-Methylphenol	ND(0.510)	NS	ND(0.380)	R	ND(0.350)
4-Chloroaniline	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Chlorobenzilate	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
4-Chiorophenyl-phenylether	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
4-Nitroaniline	ND(2.60)	NS	ND(1.80)	ND(1.80)	ND(1.80)
4-Nitrophenol	ND(2.60)	NS	ND(1.90)	R	ND(1.80)
4-Nitroquinoline-1-oxide	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
1-Phenylenediamine	ND(1.0) J	NS	ND(0.69) J	ND(0.71) J	ND(0.70) J
5-Nitro-o-toluidine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
7,12-Dimethylbenz(a)anthracene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.35) J
a,a'-Dimethylphenethylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Acenaphthene	ND(0.510)	NS	0.170 J	ND(0.350)	ND(0.350)
Acenaphthylene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Acetophenone	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Aniline	ND(0.510)	NS 1	5.80	0.420	3.10
Anthracene	ND(0.510)	NS	0.410	ND(0.350)	ND(0.350)
Aramite	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Benzidine	ND(1.0)	NS	ND(0.76) J	ND(0.71) J	ND(0.70) J
Benzolajanthracene	ND(6.510)	NS	1.40	0.0800 J	ND(0.350)
Benzo(a)pyrene	ND(0.510)	NS	1 20	0.0860 J	ND(0.70) J
Benzo(b)fluoranthone	ND(0.510)	NS	1.40	0.120 J	ND(0.70) J
Benzo(g.h.i)perylene	ND(0.510)	NS	0.930	ND(0.350)	ND(0.35) J
Benzo(k)fluoranthenc	ND(0.510)	NS	1.10	0.0770 J	ND(0.35) J
Senzyl Alconol	NO(1.00)	NS	ND(0.760)	R	ND(0.700)
bis(2-Chiorpethoxy)methane	ND(0.510) ND(0.510)	NS NS	ND(0.380) ND(0.380)	ND(0.350) ND(0.350)	ND(0.350) ND(0.350)
bis(2-Cnlorgethyl)ether					

V/\GE_Pittsfield_CD_ESA_2_South_Cooffidentia6Notes and DatatPD/ DATA8.xis Table 8-1 (8) Page 178 of 197

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-03	RAA4-03	RAA4-04	RAA4-07	RAA4-07
Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
Parameter Date Collected:	10/18/02	10/18/02	06/26/02	07/03/02	07/03/02
Semivolatile Organics (continued)					
vis(2-Ethylhexyl)phthalate	ND(0.510)	NS	ND(0.340)	ND(0.350)	ND(0.350)
Butyibenzyiphthalate	ND(0.51) J	NS	ND(0.380)	ND(0.350)	ND(0.350)
Chrysene	ND(0.510)	NS	1.50	0.200 J	0.130 J
Diallate	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Dibenzo(a,h)anthracene	ND(0.510)	NS	0.460	ND(0.350)	ND(0.35) J
Dibenzofuran	ND(0.510)	NS	0.0890 J	ND(0.350)	ND(0.350)
Diethylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Dimethylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Di-n-Butylphthalate	ND(0.510)	NS	0.240 J	ND(0.350)	0.130 J
Di-n-Octylphthalate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.35) J
Diphenylamine	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
Ethyl Methanesulfonate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
luoranthene	ND(0.510)	NS	1.80	0.260 J	0.190 J
luorene	ND(0.510)	NS	0.130 J	ND(0.350)	ND(0.350)
lexachlorobenzene	ND(0.510)	ŃŚ	ND(0.380)	ND(0.350)	ND(0.350)
lexachlorobutadiene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachlorocyclopentadiene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Hexachloroethane	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
lexachlorophene	ND(1.0) J	NS	ND(0.76)	ND(0.71)	ND(0.70)
Hexachloropropene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
ndeno(1,2,3-cd)pyrene	ND(0.510)	NS	0.780	ND(0.350)	ND(0.35) J
sodrin	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
sophorone	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
sosafrole	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Methapyrilene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Methyl Methanesulfonate	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Naphthalene	ND(0.510)	NS	0.160 J	ND(0.350)	ND(0.350)
Nitrobenzene	ND(0.510)	NS	ND(0.380) .	ND(0.350)	0.0950 J
N-Nitrosodiethylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosodimetnylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitroso-di-n-butylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
N-Nitroso-di-n-propylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosodiphenylamine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0_350)
N-Nitrosomethylethylamine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
N-Nitrosomorpholine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosopiperidine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
N-Nitrosopyrrolidine	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
o.o.o-Triethylphosphorothioate	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
o-Toluidine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
p-Oimethylaminoazobenzene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Pentachlorobenzene	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Pentachloroethane	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)
Pentachloronitrobenzene	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Pentachlorophenol	ND(2.60)	NS	ND(1.90)	R	ND(1.80)
Phenacetin	ND(1.00)	NS	ND(0.690)	ND(0.710)	ND(0.700)
Phenanthrene	ND(0.510)	NS	1.80	0.220 J	0.220 J
Phenol	ND(0.510)	NS	0.240 J	R	2.50
Pronamide	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Pyrene	ND(0.510)	NS	3.10	0.240 J	0.240 J
Pyridine	ND(0.510)	NS	ND(0.380)	ND(0.350)	ND(0.350)
Safroie	ND(0.510)	NS	ND(0.380) ND(0.380)	ND(0.350)	ND(0.350)
Thionezin	ND(0.51)	NS	ND(0.38)	ND(0.35)	ND(0.35)

Sample De	ging Area: 4E Sample ID: RAA4-O3 epth(Feet): 6-15 Collected: 10/18/02	4E RAA4-O3 12-15 10/18/02	4E RAA4-O4 0-1 06/26/02	4E RAA4-O7 0-1 07/03/02	4E RAA4-07 1-3 07/03/02
	Conected.] 10/16/02	10/10/02	00/20/02	0//03/02	07703/02
Furans					
2,3,7,8-TCDF	ND(0.000002		0.0000016 Y	0.0000029 Y	0.000078 Y
TCDFs (total)	0.0000042		0.000031	0.000031	0.000101
1.2.3.7.8-PeCDF	ND(0.000002		0.0000061	0.0000014 J	0.0000046
2,3,4,7,8-PeCDF	ND(0.00002		0.0000026	0.0000021 J	0.0000047
PeCDFs (total)	0.0000034		0.0000321	0.000024	0.000072 Q1
1.2.3,4,7,8-HxCDF	ND(0.000002		0.0000044	0.0000022 J	0.0000069
1,2,3,6,7,8-HxCDF	ND(0.000002		0.0000018 J	0.0000012 J	0.0000036
1,2,3,7,8,9-HxCDF	ND(0.000002		0 00000078 J	0.00000042 J	0.0000010 J
2,3,4,6,7,8-HxCDF	ND(0.000002		0.0000041	0.0000015 J	0.0000034
HxCDFs (total)	0.0000031		0.000056	0.000018	0.000046
1,2.3,4.6,7,8-HpCDF	0.0000020		0.0000048	0.0000044	0.000014
1,2,3,4,7,8,9-HpCDF	ND(0.000002		0.0000011 J	0.00000049 J	0.0000016 J
HpCDF's (total)	0.0000020	=	0.000013	0.000083	0.000022
OCDF	0.0000032	J NS	0.0000024 J	0.0000045 J	0.000012
Dioxins					······
2,3,7,8-TCDD	ND(0.000002		ND(0.00000018)	ND(0.00000022) X	ND(0.00000029) X
TCDDs (total)	ND(0.000002		0.00000034	0.0000038	0.000016
1,2,3,7,8-PeCDD	ND(0.000002		ND(0.00000058) X	ND(0.0000032) X	0.0000013 J
PeCDDs (total)	ND(0.000004		0.0000012	0.0000056	0.000019 Q
1,2,3,4,7,8-HxCDD	ND(0.000002		0.00000055 J	0.00000046 J	0.0000017 J
1,2,3,6,7,8-HxCDD	ND(0.000002		0.00000052 J	0.0000094 J	0.0000030
1,2,3,7,8,9-HxCDD	ND(0.00002		ND(0.0000035) X	0.0000065 J	0.0000020 J
HxCDDs (total)	ND(0.000004		0.0000061	0.000012	0.000044
1,2,3,4,6.7,8-HpCDD	0.000039		0.0000040	0.000016	0.000025
HoCDDs (total)	0.0000039		0.0000083	0.000028	0.000052
OCDD	0.000022 J		0.000015	0.00013	0.00026
Total TEQs (WHO TEFs)	0.0000043	NS	0.0000035	0.0000026	0.0000074
Inorganics					
Antimony	ND(6.00)	NŠ	ND(6.00) J	1.20 B	0.860 B
Arsenic	10.0	NS	3.10	7.70	8.50
Barium	41.0	NŜ	28.0 J	52.0	62.0
Beryllium	ND(0.500)		ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	1.10	NS	ND(0.500)	ND(0.500)	ND(0.500)
Chromium	13.0	NS	4.00	14.0	13.0
Cobait	10.0	NS	6.20	ND(5.00)	ND(5.00)
Copper	35.0	NS	12.0 J	83.0	70.0
Cyanide	ND(0.150)		ND(0.100)	0.200	ND(0.210)
Lead	16.0	NS	4.90	67.0	66.0
Mercury	0.060 J	NS	ND(0.100)	0.0370 B	0.0230 B
Nickel	21.0	NS	8.70	15.0	27.0
Scienium	ND(1.20)	NS	ND(1.00) J	ND(1.00)	ND(1.00)
Silver	ND(1.20)	NS	0,440 B	ND(1.00)	ND(1.00)
Suffide	15.0	NS	20.0 J	51.0	45.0
Thallium	ND(2.3) J	NS	ND(1.50) J	3.30	1.60
Tin	ND(12.0)	NS	ND(10.0)	ND(10.0)	ND(10.0) 15.0
Vanadium	15.0	l NS	5.20 J	16.0	

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:		4E RAA4-09	4E RAA4-09	4E RAA4-013	4E RAA4-013
Parameter	Sample Depth(Feet): Date Collected:	0-1 06/12/02	3-6 06/12/02	0-1 06/12/02	3-6 06/12/02
/olatile Orga		UNITIOL	GUILGE		
.1.1.2-Tetrac		ND(0.0056)	NS	ND(0.0057)	NS
1,1,1-Trichlon	and the second	ND(0.0056)	NS	ND(0.0057)	NS
1.1.2.2-Tetrad		ND(0.0056) J	NS	ND(0.0057) J	NS
1.1.2 Trichlon		ND(0.0056)	NS	ND(0.0057)	NS
1.1-Dichloroe		ND(0.0056)	NS	ND(0.0057)	NS
1.1-Dichlorae		ND(0.0056)	NS	ND(0.0057)	NS
1.2.3-Trichlor		ND(0.0056)	NS	ND(0.0057)	NS
	3-chloropropane	ND(0.0056) J	NS	ND(0.0057) J	NS
1.2-Dibromoe		ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dichloroe		ND(0.0056)	NS	ND(0.0057)	NS
1,2-Dichlorop		ND(0.0056)	NS	ND(0.0057)	NS NS
1.4-Dioxane		ND(0.11) J	NS	ND(0.11) J	NS
2-Butanone		ND(0.011)	NS	ND(0.011)	NS
2-Chloro-1.3-	buladiene	ND(0.0056)	NS	ND(0.0057)	NS
2-Chioroethyl		ND(0.0056)	NS	ND(0.0057)	NS
2-Hexanone	- arguma	ND(0.011)	NS	ND(0.011)	NS
B-Chloropropr	one	ND(0.0056)	N\$	ND(0.0057)	NS NS
4-Methyl-2-pe		ND(0.011)	NS	ND(0.011)	NS NS
Acetone		ND(0.022)	NS	ND(0.023)	NS
Acetonitrile		ND(0.022) ND(0.11)	NS NS	ND(0.023)	NS NS
Acrolein		ND(0.11)	NS	ND(0.11) ND(0.11)	NS
Acrylonitrile	· · · · · · · · · · · · · · · · · · ·	ND(0.0056)	NS	ND(0.0057)	NS
Benzene		ND(0.00560)	NS	ND(0.00570)	NS
Bromodichlor	omethane	ND(0.0056)	NS	ND(0.00570)	NS
Bromoform	Sinethane	ND(0.0056)	NS	ND(0.0057)	
Bromomethar	0	ND(0.0056)	NS		NS NS
Carbon Disulf	*****	ND(0.0056)	NS NS	ND(0.0057)	mentioned with the second second second second
Carbon Tetra	menter and a second	ND(0.0056)	NS	ND(0.0057)	NS
Chlorobenzer		ND(0.0056)		ND(0.0057)	NS
Chloroethane	and the second sec	ND(0.0056)	NS NS	ND(0.0057)	NS
Chloroform			NS NS	ND(0.0057)	NS
Chioromethar	~	ND(0.0056) ND(0.0056)	NS	ND(0.0057)	NS
is-1,3-Dichlo				ND(0.0057)	NS
Dibromochlor	2001al Contra Aller Contra Con	ND(0.0056) ND(0.0056)	NS	ND(0.0057)	NS
Dibromometh			NS	ND(0.0057)	NS
		ND(0.0056)	NS	ND(0.0057)	NS NS
Dichlorodifluo Ethyl Methacr		ND(0.0056)	NS	ND(0.0057)	NS
Ethylbenzene		ND(0.0056)	NS	ND(0.0057)	NS
odomethane		ND(0.00560) (ND(0.0056)	NS NS	ND(0.00570)	NS NS
odometnane sobutanoi		ND(0.0056)		ND(0.0057)	NS
		the second se	NS	ND(0.11)	NS
Methacryloniti Methvi Metha		ND(0.0056)	NS	ND(0.0057)	NS
		ND(0.0056)	NS NE	ND(0.0057)	NS
Methylene Ch Propionitrijo	ionue	ND(0.0056)	NS NG	ND(0.0057)	NS
Propionitriie Styrene		ND(0.011) J ND(0.00560)	NS NO	ND(0.011) J	NS
			NS	ND(0.00570)	NS
etrachioroeti		ND(0.0056)	NS	ND(0.0057)	NS
oluene	aranthanc	ND(0.00560)	NS	ND(0.00570)	NS
rans-1,2-Dich		ND(0.0056)	NS	ND(0.0057)	NS
rans-1,3-Dich		ND(0.0056)	NS	ND(0.0057)	NS
	iloro-2-butene	ND(0.0056)	NS	ND(0.0057)	NS
Frichlaroether		ND(0.0056)	NS	ND(0.0057)	NS
Frichiorofluore	xneinane	ND(0.0056)	NS	ND(0.0057)	NS
/inyl Acetate		ND(0.0056)	NS	ND(0.0057)	NS
/inyl Chloride		ND(0.0055)	NS	ND(0.0057)	NS
Xvienes (totał)	ND(0.0056)	NS	ND(0.0057)	NS

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4E RAA4-O9 0-1	4E RAA4-09 3-6	4E RAA4-013 0-1	4E RAA4-013 3-6
Parameter Date Collected:	06/12/02	06/12/02	06/12/02	06/12/02
Semivolatile Organics				00/12/02
1,2,4,5-Tetrachlorobenzene	ND(0.370)	NS	ND(0.380)	NS
1,2,4-Trichlorobenzene	ND(0.370)	NS	ND(0.380)	NS
1.2-Dichlorobenzene	ND(0.370)	NS	ND(0.380)	NS
I.2-Diphenythydrazine	ND(0.37)	NS	ND(0.38)	NS
1,3,5-Trinitrobenzene	ND(0.370)	NS	ND(0.380)	NS
1.3-Dichlorobenzene	ND(0.370)	NS	ND(0.380)	NS
1,3-Dinitrobenzene	ND(0.750)	NS	ND(0.760)	NS
1,4-Dichlorobenzene	ND(0.370)	NS	ND(0.380)	NS
1,4-Naphthoguinone	ND(0.750)	NS	ND(0.760)	NS
1-Naphthylamine	ND(0.750)	NS	ND(0.760)	NS
2,3,4,6-Tetrachiorophenol	ND(0.370)	NS	ND(0.380)	NS
2,4,5-Trichlorophenol	ND(0.370)	NS	ND(0.380)	NS
2,4,6-Trichlorophenol	ND(0.370)	NS	ND(0.380)	NS
2,4-Dichlorophenol	ND(0.370)	NS	ND(0.380)	NS
2,4-Dimethylphenol	ND(0.370)	NS	ND(0.380)	NS
2,4-Dinitrophenol	ND(1.90)	NS	ND(1.90)	NS
2,4-Dinitrotoluene	ND(0.370)	NS	ND(0.380)	NS
2,6-Dichlorophenol	ND(0.370)	NS	ND(0.380)	NS
2.6-Dinitrotoluene	ND(0.370)	NS	ND(0.380)	NS
2-Acetylaminofluorene	ND(0.750)	NS	ND(0.760)	NS
2-Chloronaphthalene	ND(0.370)	NS	ND(0.380)	NS
2-Chlorophenol	ND(0.370)	NS	ND(0.380)	NS
2-Methylnaphthalene	ND(0.370)	NS	ND(0.380)	NS
2-Methylphenol	ND(0.370)	NS	ND(0.380)	NŚ
2-Naphthylamine	ND(0.750)	NS	ND(0 760)	NŞ
2-Nitroaniline	ND(1.90)	NS	ND(1.90)	NS
2-Nitrophenol	ND(0.750)	NS	ND(0.760)	NS
2-Picoline	ND(0.370)	NS	ND(0.380)	NS
3&4-Methylphenol	ND(0.750)	ŃŚ	ND(0.760)	NS
3,3'-Dichlorobenzidine	ND(0.750)	NS	ND(0.760)	NS
3.3'-Dimethylbenzidine	ND(0.370)	NS	ND(0.380)	NS
3-Methylcholanthrene	ND(0.750)	NS	ND(0.760)	NS
3-Nitroaniline	ND(1.90)	NS	ND(1.90)	NS
4,6-Dinitro-2-methylphenol	ND(0.370)	NS	ND(0.380)	NS
4-Aminobiphenyl	ND(0.750)	NS	ND(0.760)	NS
4-Bromophenyl-phenylether	ND(0.370)	NS	ND(0.380)	NS
t-Chloro-3-Methylphenol	ND(0.370)	NS	ND(0.380)	NS
4-Chloroaniline	ND(0.370)	NS	ND(0.380)	NS
4-Chlorobenzilate	ND(0.750)	NS	ND(0.760)	NS
4-Chlorophenyl-phenylether	ND(0.370)	NS	ND(0.380)	NS
4-Nitroaniline	ND(1.90)	NS	ND(1.90)	NS
4-Nitrophenol	ND(1.90)	NS	ND(1.90)	NS
F-Nitroquinoline-1-oxide	ND(0.750)	NS	ND(0.760)	NŜ
4-Pnenylenediamine	ND(0.75) J	NS	ND(0.76) J	NS
5-Nitro-o-toluidine	ND(0.750)	NS	ND(0.760)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.750)	NS	ND(0.760)	NS
a,a'-Dimethylphenethylamine	ND(0.750)	NS	ND(0.76C)	NS
Acenaphthene	ND(0.370)	NS	ND(0.380)	NS
Acenaphthylene	ND(0.370)	NS	ND(0.380)	NS
Acetophenone	ND(0.370)	NS	ND(0.380)	NS
Aniline	ND(0.370)	NS	0.860	NS
Anthracene	ND(0.370)	NS	0.210 J	NS
Aramite	ND(0.750)	NS	ND(0.760)	NS
Benzidine	ND(0.75)	NS	ND(0.76)	NS
Benzo(a)anthracene	0.420	NS	0.960	NS
Benzo(a)pyrene	0.490	NS	1.00	NS
Senzo(5)fluoranthene	1.50	NS	1.20	NS
Benzo(g,h,i)perysene	0.950	NS I	0.800	NS
Senzo(k)fluoranthene	0.750	NS	0.810	
Benzyl Alcohol	ND(0.750)	NS	ND(0.760)	NS
bis(2-Chloroethoxy)methane	ND(0.370)	NS	ND(0.380)	NS
bis(2-Chioroethyl)ether	ND(0.370)	NS NS	ND(0.380)	NS
bis(2-Chloroisopropy)ether	ND(0.37) J	NS NS	ND(0.38) J	NS

V:GE_Pittsfield_CD_ESA_2_South_ConfidentiaNNotes and Data*PDI DATA8.xis Table B-1 (B) Page 182 of 197

Averaging Area:	4E	4E	4E	4E
Sample iD:	RAA4-09	RAA4-09	RAA4-013	RAA4-013
Sample Depth(Feet):	0-1	3-6	0-1	3-6
Parameter Date Collected:	06/12/02	06/12/02	06/12/02	06/12/02
Semivolatile Organics (continued)				
pis(2-Ethylhexyl)phthalate	ND(6.370)	NS	ND(0.380)	NS
Butylbenzylphthalate	ND(0.370)	NS	ND(0.380)	NS
Chrysene	0.870	NŚ	1,00	NS
Diallate	ND(0.750)	NS	ND(0.760)	NS
Dibenzo(a,h)anthracene	0.370 J	NS	0.260 J	NS
Dibenzoluran	ND(0.370)	NS	ND(0.380)	NS
Diethylphthalate	ND(0.370)	NS	ND(0.380)	NS
Dimethylphthalate	ND(0.370)	NS	ND(0.380)	NS
Di-n-Butylphthalate	ND(0.376)	NS	0.180 J	NS
Di-n-Octylphthalate	ND(0.370)	NS	ND(0.380)	NS
Diphenylamine	ND(0.37)	NS	ND(0.38)	NS
Ethyl Methanesulfonate	ND(0.370)	NS	ND(0.380)	NS
Fluoranthene	0.630	NS	1.80	NS
Fluorene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorobenzene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorobutadiene	ND(0.370)	NS	ND(0.380)	NS
Hexachlorocyclopentadiene	ND(0.370)	NS	ND(0.380)	NS
Hexachloroethane	ND(0.370)	NS	ND(0.380)	NS
Hexachlorophene	ND(0.75)	NS	ND(0.76)	NS
Hexachioropropene	ND(0.370)	NS	ND(0.380)	NS
Indeno(1,2,3-cd)pyrene	0.740	NS	0.610	NS
Isodrin	ND(0.37)	NS	ND(0.38)	NS
Isophorone	ND(0.370)	NS	ND(0.380)	NS
Isosafrole	ND(0.750)	NS	ND(0.760)	NS
Methapyritene	ND(0.750)	NS	ND(0.760)	NS
Methyl Melhanesulfonate	ND(0.370)	NS	ND(0.380)	NS
Naphthalene	ND(0.370)	NS	ND(0.380)	NS
Nitrobenzene	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodiethylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosodimethylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitroso-di-n-butylamine	ND(0.750)	NS	ND(0.760)	NS
N-Nitroso-di-n-propylamine	ND(0.370)	NŚ	ND(0.380)	NS
N-Nitrosodiphenylamine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosomethylethylamine	ND(0.750)	NS	ND(0.760)	NS
N-Nitrosomorpholine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosopiperidine	ND(0.370)	NS	ND(0.380)	NS
N-Nitrosopyrrolidine	ND(0.750)	NS	ND(0.760)	NS
o.o.o-Triethylphosphorothicate	ND(0.37)	NS	ND(0.38)	NS
o-Toluidine	ND(0.370)	NS	ND(0.380)	NS
p-Dimethylaminoazobenzene	ND(0.750)	NS	ND(0.760)	NS
Pentachlorobenzene	ND(0.370)	NS	ND(0.380)	NS
Pentachioroethane	ND(0.37)	NS	ND(0.38)	NS
Pentachioronitrobenzene	ND(0.750)	NS	ND(0.760)	NS
Pentachlorophenol	ND(1.90)	NS	ND(1.90)	NS
Phenacetin	ND(0.750)	NS	ND(0.760)	N\$
Phenanthrene	0.180 J	NS	1.00	NS
Phenol	ND(0.370)	NS	ND(0.380)	NS
Pronamide	ND(0.370)	NS	ND(0.380)	NS
Pyrene	D.430	NS	1.60	NS
Pyridine	ND(0.376)	NS	ND(0.380)	NS
Safrole	ND(0.370)	NS	ND(0.380)	NS
Thionazin	ND(0.37)	NS	ND(0.38)	NS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4E RAA4-09 0-1 06/12/02	4E RAA4-O9 3-6 06/12/02	4E RAA4-013 0-1 06/12/02	4E RAA4-013 3-6 06/12/02
Furans		· · · · · · · · · · · · · · · · · · ·		
2,3,7,8-TCBF	0.000017 Y	ND(0.00000011)	0.0000022 Y	0.00060091 J
TCDFs (total)	0.00048	0 00000077 Q	0.000021	0.000012 Q
1,2,3,7,8-PeCDF	0.0000054	ND(0.00000022)	0.0000020 J	0.00000083 J
2,3,4,7,8-PeCDF	0.000080	0.00000019 J	0.0000025	0.00000018 J
PeCDFs (total)	0.00121	0.0000015 Q	0.000028	0.000014 QI
1.2.3.4.7.8-HxCDF	0.000013	0.00000012 J	0.0000038	0.0000013 J
1,2,3,6,7,8-HxCDF	0.000018	0.00000012 J	0.0000021 J	0.00000084 J
1,2,3,7,8,9-HxCDF	0.0000044	ND(0.00000022)	0.0000082 J	0.00000036 J
2,3,4,6,7,8-HxCDF	0.000059	0.00000017 J	0.0000015 J	0.00000098 J
HxCDFs (total)	0.00082	0.0000014	0.000022	0.0000086
1.2.3,4.6.7.8-HpCDF	0.000032	0.00000026 J	0.0000023	0.0000027
1,2,3,4,7,8,9-HpCDF	0.0000026	ND(0.00000022)	0.00000088 J	ND(0.00000039) X
HpCDFs (total)	0.000084	0.00000026	0.0000047	0.0000027
OCDF	0.000013	ND(0.00000045)	0.0000021 J	0.0000020 J
Dioxins		h		1
2,3,7,8-TCDD	ND(0.0000022) X	ND(0.000000090)	ND(0.000000089)	ND(0.0000013) X
TCDDs (total)	0.0000040	0.0000082	0.00000012	0.0000016
1,2,3,7,8-PeCDD	0.0000010 J	0.00000020 J	ND(0.00000022)	0.00000025 J
PeCDDs (total)	0.000015	0.0000036	ND(0.00000033)	0.0000030 Q
1,2,3,4,7,8-HxCDD	0.0000067 J	0.00000032 J	0.00000071 J	0.00000023 J
1,2,3,6,7,8-HxCDD	0.0000015 J	0.00000040 J	0.00000010 J	0.00000034 J
1,2,3,7,8,9-HxCDD	0.0000011 J	0.00000066 J	ND(0.000000092) X	0.00000026 J
HxCDDs (total)	0.000022	0.0000094	0.00000017	0.0000031
1,2,3,4,6,7,8-HpCDD	0.000012	0.0000090	0.00000064 J	0.0000017 J
HpCDDs (total)	0.000026	0.000023	0.0000012	0.0000031
OCDD	0.000085	0.00037	0.0000026 J	0.0000053
Total TEQs (WHO TEFs)	0.000053	0.00000067	0.0000026	0.0000018
Inorganics			· · · · · · · · · · · · · · · · · · ·	
Antimony	ND(6.00)	NS	ND(6.00)	NS
Arsenic	5.30	NS	3.20	NS
Barium	40.0	NS	24.0	NS
Beryllium	ND(0.500)	NS	ND(0.500)	NS
Cadmium	ND(0.500)	NS	ND(0,500)	NS
Chromium	10.0	NS	8.00	NS
Cobali	6.40	NS	6.50	NS
Copper	36,0	NS	11.0	NS
Cyanide	ND(0.110)	NS	ND(0.110)	NS
Lead	40.0	NS	7.10 J	NS
Mercury	ND(0.110) J	NS	ND(0.110) J	NS
Nickel	7.70	NS	14.0	NS
Selenium	ND(1.00) J	NS	ND(1.00) J	NS
Silver	ND(1.00)	NS	ND(1.00)	NS
Sulfide	63.0	NS	31.0	NS
Thailium	1.50 B	NS	1.20 B	NS
Tin	NO(10.0)	NS	ND(3.70)	NS
Vanadium	17.0	NS	7.30	NS
Zinc	110	NS	35.0	NS

Averaging Area:	4E	4E	4E	4E	4E
Sample ID:	RAA4-015	RAA4-016	RAA4-019	RAA4-025	RAA4-025
Sample Depth(Feet): Parameter Date Collected:	6-15 06/14/02	0-1 06/26/02	1-3 06/27/02	0-1 06/14/02	3-6 05/14/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NŠ	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,1-Trichloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,2,2-Tetrachloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1,2-Trichloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1-Dichloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,1-Dichloroethene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2.3-Trichloropropane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1.2-Dibromo-3-chloropropane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dibromoethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dichloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1,2-Dichloropropane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
1.4-Dioxane	NS	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.29) J
2-Butanone	NS	ND(0.011)	0.018	ND(0.011)	ND(0.029)
2-Chloro-1,3-butadiene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
2-Chloroethylvinylether	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
2-Hexanone	N\$	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.059)
3-Chloropropene	NS ·	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
4-Methyl-2-pentanone	NS	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.059)
Acetone	NS	ND(0.022)	0.088	ND(0.023) J	0.26
Acetonitrile	<u>N\$</u>	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.59)
Acrolein	NS	ND(0.11) J	ND(0.11)	ND(0.11) J	ND(0.59) J
Acrylonitrile	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Benzene	NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	0.0580
Bromodichloromethane	NS NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Bromotorm	NS NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Bromomethane Carbon Disulfide	NS	ND(0.0056) ND(0.0056)	ND(0.0056) ND(0.0056)	ND(0.0057)	ND(0.029)
Carbon Distinue	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chlorobenzene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Chloroethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	21
Chloroform	NS NS	ND(0.0056)	ND(0.0056)	ND(0.0057) ND(0.0057)	ND(0.029) ND(0.029)
Chloromethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
cis-1,3-Dichloropropene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dibromochloromethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dibromomethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Dichlorodifluoromethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Ethyl Methacrylate	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Ethyloenzene	NS	ND(0.00560)	0.069	ND(0.00570)	0.0870
Iodomethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Isobutanol	NS	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.59) J
Methacrylonitrile	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Methyl Methacrylate	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Methylene Chioride	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Propionitrile	NS	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.029)
Styrene	NS	ND(0.00560)	ND(0.0056)	ND(0.00570)	ND(0.0290)
Tetrachloroethene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Toluene	NS	ND(0.00560)	0.050	ND(0.00570)	ND(0.0290)
trans-1,2-Dichloroethene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
trans-1,3-Dicnloropropene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
trans-1,4-Dichloro-2-butene	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Trichloroethene	NS	ND(0.0056)	0.032	0.0076	ND(0.029)
Trichlorofiuoromethane	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Vinyl Acetate	NS	ND(0.0056)	ND(0.0055)	ND(0.0057) J	ND(0.029)
Vinyl Chloride	NS	ND(0.0056)	ND(0.0056)	ND(0.0057)	ND(0.029)
Xylenes (total)	NS	ND(0.0056)	0.18	ND(0.0057)	0.24

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-015	4E RAA4-016	4E RAA4-019	4E RAA4-025	4E RAA4-025
Sample Depth(Feet):	6-15	0-1	1-3	0-1	3-6
Parameter Date Collected:	06/14/02	06/26/02	06/27/02	06/14/02	06/14/02
Semivolatile Organics	k i m	1 1000000	610 / 6 Hall	0.000	
1,2,4,5-Tetrachiorobenzene	NS NS	ND(0.510)	ND(8.70)	0.320 J 5.20	0.870
1.2.4-Trichlorobenzene	NS NS	0.240 J	ND(8.70)	0.240 J	0.480
1,2-Dichlorobenzene	NS NS	ND(0.510) ND(0.51)	ND(8.70) ND(8.7)	ND(0.38)	ND(0.43)
1.2-Diphenylhydrazine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
1,3,5-Trinitrobenzene	NS	ND(0.510)	ND(8.70)	0.590	1,40
1.3-Dichlorobenzene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
1,4-Dichlorobenzene	NS	ND(0.510)	ND(8.70)	1.60	3,40
1,4-Naphthoguinone	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
1-Naphthylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0,790)
2,3,4,6-Tetrachlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4,5-Trichlorophenal	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2.4.6-Trichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4-Dichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,4-Dimethylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0,430)
2,4-Dinitrophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
2.4-Dinitrotoluene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0,430)
2,6-Dichlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2,6-Dinitrotoluene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Acetylaminofluorene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Chloronaphthalene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0,430)
2-Chlorophenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
2-Methylnaphthalene	NS	ND(0.510)	100	0.0820 J	ND(0,430)
2-Methylphenol	NS	ND(0.510)	ND(8.70)	0.310 J	ND(0.430)
2-Naphthylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Nitroaniline	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
2-Nitrophenol	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
2-Picoline	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
3&4-Methylphenol	NS	ND(0.750)	ND(8.70)	0.350 J	ND(0.790)
3,3'-Dichlorobenzidine	NS	ND(1.0) J	ND(17) J	ND(0.770)	ND(0.860)
3,3'-Dimethylbenzidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
3-Methylcholanthrene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
3-Nitroaniline	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
4.6-Dinitro-2-methylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Aminobiphenyi	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Bromophenyl-phenylether	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chloro-3-Methylphenol	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chloroaniline	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Chlorobenzilate	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Chlorophenyl-phenylether	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
4-Nitroaniline	NS	ND(1.90)	ND(8.70)	ND(1.90)	ND(2.00)
4-Nitrophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
4-Nitroquinoline-1-oxide	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
4-Phenylenediamine	NS	ND(0.75) J	ND(8.7) J	ND(0.77) J	ND(0.79) J
5-Nitro-o-toluidine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
7,12-Dimethylbenz(a)anthracene	NS NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
a.a'-Dimethylphenothylamine		ND(0.750)	<u>ND(8.70)</u> 160	ND(0.770)	ND(0.790)
Acenaphthene	NS NS	0.370 J	ND(8.70)	ND(0.380) ND(0.380)	ND(0.430)
Acenaphthylene	NS NS	ND(0.510)	ND(8.70) ND(8.70)		ND(0.430)
Acetophenone	NS NS	4,40	ND(8.70)	ND(0.380) 14.0	ND(0.430)
Aniline	NS	0.780	189	ND(0.380)	1.60 ND(0.430)
Anthracene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.430) ND(0.790)
Aramite Benzidine	NS NS	ND(1.0) J	ND(6.70) ND(17) J	ND(0.770) ND(0.77)	ND(0.790) ND(0.86)
Benzo(a)anthracene	NS	2.40	140	0.240 J	0.230 J
warman and a state of the state	NS NS	2.40	140	0.250 J	0.230 0
Benzo(a)pyréne Benzo/b)fuoranthene	NS NS	2.80	89.0	0.2503	0.820
Benzo(g,h,i)perviene	NS	1.20	68.0	0.480	0.780
Benzo(k)fluoranthene	NS NS	2.10	90.0	0.480	0.600
	NS NS	ND(1.00)	ND(17.0)	ND(0.770)	0.600 ND(0.860)
Benzyl Alcohol bis(2-Chioroethoxy)methane	NS	ND(0.510)	ND(8.70)	ND(0.770)	ND(0.860) ND(0.430)
bis(2-Chloroethvl)ether	NS	ND(0.510)	NO(8.70)	ND(0.380)	ND(0.430)
bis(2-Chloroisopropyi)ether	NS	ND(0.510)	ND(8.70)	ND(0.38) J	ND(0.430)

V10E_Pittstield_CD_ESA_2_South_ConfidentialNotes and Data1PDI DATA8.xb Table B-1 (8) Page 186 of 197

Averaging Area:	4E	4E	4 E	4E	4E
Sample ID:	RAA4+015	RAA4-016	RAA4-019	RAA4-025	RAA4-025
Sample Depth(Feet):	6-15	0-1	1-3	0-1	3-6
Parameter Date Collected:	06/14/02	06/26/02	06/27/02	06/14/02	06/14/02
emivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	NS	ND(0.370)	ND(4.30)	3.40	ND(0.390)
Butylbenzyiphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Chrysene	NS	3.00	160	0.340 J	0.450
Diallate	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Dibenzo(a,h)anthracene	NS	0.480 J	18.0	ND(0.380)	ND(0.430)
Dibenzofuran	NS	0.360 J	87.0	ND(0.380)	ND(0.430)
Diethylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Dimethylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Di-n-Butylphthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Di-n-Octylohthalate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Diphenylamine	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
thyl Methanesulfonate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
luoranthene	NS	5.20	290	0.290 J	0.170 J
luorene	NŚ	0.320 J	160	ND(0.380)	ND(0.430)
Hexachlorobenzene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
fexachlorobutadiene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Hexachlorocyclopentadiene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
lexachloroethane	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
lexachlorophene	NS	ND(1.0)	ND(17)	ND(0.77)	ND(0.86)
lexachloropropene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
ndena(1.2,3-cd)pyrene	NS	0.980	45.0	0.300 J	0.540
sodrin	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0,43)
sophorone	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
sosafrole	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Methapyrilene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Methyl Methanesulfonate	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Naphthalene	NŚ	0.110 J	280	0.110 J	ND(0.430)
Nitrobenzene	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodiethylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodimethylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitroso-di-n-butylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
N-Nitroso-di-n-propylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosodiphenylamine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosomethylethylamine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
N-Nitrosomorpholine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosopiperidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
N-Nitrosopyrrolidine	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
o,o,o-Triethylphosphorothioate	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
o-Toluidine	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
p-Dimethylaminoazobenzene	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Pentachiorobenzene	NS	ND(0.510)	ND(8.70)	0.420	ND(0.430)
Pentachloroethane	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)
Pentachloronitrobenzene	NŚ	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Pentachlorophenol	NS	ND(2.50)	ND(43.0)	ND(1.90)	ND(2.20)
Phenacetin	NS	ND(0.750)	ND(8.70)	ND(0.770)	ND(0.790)
Phenanthrene	NS	3.20	790	0.220 J	0.120 J
Phenol	NS	0.590	ND(8.70)	2.30	ND(0.430)
Pronamide	NS	ND(0.510)	ND(8.70)	ND(0.380)	ND(0.430)
Pyrene	NS	5.00	700	0.440	0,760
Pyridine	NS	ND(0.510)	NO(8.70)	ND(0.380)	ND(0.430)
Safrole	NS	ND(0.510)	ND(8.70)	ND(0.380)	NO(0.430)
Thionazia	NS	ND(0.51)	ND(8.7)	ND(0.38)	ND(0.43)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4E RAA4-015 6-15 06/14/02	4E RAA4-016 0-1 06/26/02	4E RAA4-O19 1-3 06/27/02	4E RAA4-025 0-1 06/14/02	4E RAA4-025 3-5 06/14/02
Furans						00.11.00
2.3.7.8-TCDF		0.00011 Y (0.00010 Y)	0.00063 Y	ND(0.000055)	0.0024 YEJ	0.032 Y
TCDFs (total)		0.0024 Q [0.0019 Q]	0.0291	ND(0.000055) Q	0.0201	0.052 1
1.2.3.7.8-PeC	nε	0.00013 QI 10.00010 QI	0.00027	0.000682 J	0.0016	0.021
2,3,4,7,8-PeC		0.00018 Q [0.00011 Q]	0.0041	ND(0.000054) X	0.0035	0.037
PeCDFs (total		0.0021 QIJ [0.0012 QIJ]	0.041 QI	0.00024 0	0.0351	0.281
1,2,3,4,7,8-Hx	é an	0.00024 [0.00021]	0.0092	0.00016 J	0.0042	0.054
1.2.3.6.7.8-Hx		0.00020 [0.00015]]	0.0010	0,000092 J	0.0024	0.027
1,2,3,7,8,9-Hx		0.000066 (0.000044)	0.00030	ND(0.00010)	0.00050	0.0051
2.3.4.6.7.8-Hx		0.00026 [0.00020]	0.0034	ND(0.00010)	0.0024	0.015
HxCDFs (total	and the second	0.0021 [0.0016]	0.057	0.00046 Q	0.036	0.231
1,2,3,4,6,7,8-		0.00080 [0.00053]	0.0024	0.00013 JQ	0.0042	0.040 J
1.2.3.4.7.8.9-1		0.000090 [0.000064]	0.00024	0.000063 J	0.00087	0.0085
HpCDFs (total)	0.0012 [0.00077]	0.0071	0.00013 Q	0.0088	0.069 J
OCDF		0.00047 [0.00031]	0.00099	0.00015 J	0.0039	0.101
Dioxins	<u> </u>	<u> </u>		1		
2.3.7.8-TCDD		0.000012 Q [0.0000090 Q]	L 650000039 J	ND(0.000046) Q	0,000016	0.00034
TCDDs (total)		0.00033 Q [0.00023 Q]	0.000068	ND(0.000046)	0.00045	0.012
1,2,3,7,8-PeC	00	0.000024 Q [0.000022 Q]	0.000021	ND(0.00010)	ND(0.00013) X	0.0014
PeCDDs (total		0.00038 Q [0.00028 Q]	0.00012 Q	ND(0.00010) Q	0.00086	0.022
1.2.3.4.7.8-Hx	/	0.000023 [0.000021]	0.000031	ND(0.00010)	0.000086	0.0014
1,2,3,6,7,8-Hx		0.000046 [0.000038]	0.000043	ND(0.00010)	0.00015	0.0022
1,2,3,7,8,9-Hx		0.000040 (0.000032)	0.000032	ND(0.00010)	0.00012	0.0017
HxCDDs (total	[)	0.00064 [0.00053 Q]	0.00053	ND(0.00014)	0.0020	0.032
1,2,3,4,6,7,8-1		0.00024 [0.00019]	0.00026	0.00021 J	0.00056 Q	0.011
HpCDDs (lota	l)	0.00049 [0.00040]	0.00055	0.00039	0.0012 Q	0.021
OCDD		0.00041 [0.00031]	0.0013	ND(0.0016)	0.0012	0.025
Total TEQs (V	VHO TEFs)	0.00024 [0.00018]	0.0028	0.00015	0.0032	0.036
Inorganics			I			
Antimony	1	NS	ND(6.00) J	ND(6.00)	15.0	35.0
Arsenic		NS	6.10	6.50	12.0	11.0
Barium		NS	83.0 J	100	97.0	190
Beryllium		NS	ND(0.500)	1.10	ND(0.500) J	ND(0.500) J
Cadmium		NS	2.30	0.910	4.00	8.80
Chromium		NS	22.0	17.0	160	93.0
Cobalt		NS	9.60	7,00	8,60	10.0
Соррег		NŜ	9100 J	1600	560	7400
Cyanide		NS	ND(0.110)	3.60	1.40	0.550
Lead		NS	850	930	2000	1800
Mercury		NS	2.10	ND(0.110)	0.920	1.60
Nickel		NS	25.0	39.0	45.0	75.0
Seienium		NŚ	ND(1.00) J	NO(1.00) J	ND(1.00) J	ND(1.00) J
Silver		NS	ND(1.00)	ND(1.00)	13.0	ND(1.00)
Sulfide		NS	25.0 J	510	35.0	62.0
Thallium		NS	2.10 J	3.00 J	1.30 J	2.40 J
Tin		NS	27.0 J	54.0	96.0	140
Vanadium		NS	14.0 J	28.0	19.0	12.0
Zinc		NS	570	870	860	1800

Averaging Area: Sample ID;	4E RAA4-P3	4E	4E	48	4E
Sample Depth(Feet):	0-1	RAA4-P6	RAA4-P14	RAA4-P16	RAA4-Q05
Parameter Date Collected:	07/08/02	0-1 06/26/02	0-1 06/26/02	3-6 06/17/02	3-6 06/27/02
Volatile Organics				000000	1 COALIGE
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1.1-Tnchloroethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,1,2,2-Tetrachlorgethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1,2-Trichioroethane	ND(0,0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,1-Dichloroethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,1-Dichloroethene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
.2-Dibromoethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
1,2-Dichloroethane	NC(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,2-Dichloropropane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1,4-Dioxane	ND(0.11) J	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
-Chloroethylvinylether	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
2-Hexanone	ND(0.017)	ND(0.011)	ND(0.011)	NS	ND(0.011) J
3-Chloropropene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
1-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011)	NS	ND(0.011)
Acetone	ND(0.022)	ND(0.022)	ND(0.022)	NS	ND(0.022)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.11)	NS	ND(0.11)
Acrolein	ND(0.11) J	ND(0.11) J	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile	ND(0.0065)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Benzene	ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
romodichloromethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
romoform	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Bromomethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Carbon Disulfide	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Carbon Tetrachloride	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chlorobenzene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Chioroelhane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chloroform	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Chloromethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
sis-1,3-Dichloropropene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Dibromochloromethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
Dibromomethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Dichlorodifluoromethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Ethylbenzene	ND(0.0055) ND(0.00550)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
odomethane	ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.00550)
sobutanol	ND(0.0055) ND(0.11)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Aethacrylonitrile	ND(0.0055)	ND(0.11)	ND(0.11)	NS	ND(0.11)
Aethyl Methacrylate	ND(0.0055)	ND(0.0055) ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
Aethylene Chloride	ND(0.0055)	ND(0.0055)	ND(0.0056) ND(0.0056)	NS	ND(0.0055)
Propionitrile	ND(0.011)	ND(0.0055)	ND(0.0056) ND(0.011)	NS NS	ND(0.0055)
Styrene	ND(0.00550)	ND(0.00550)	ND(0.00560)	NS NS	ND(0.011)
etrachioroethene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS NS	ND(0.0055) J
ouene	ND(0.00550)	ND(0.00550)	ND(0.00560)	NS	ND(0.0055) J
rans-1.2-Dichloroethene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS NS	ND(0.0055) J
rans-1,3-Dichloropropene	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS NS	ND(0.0055) ND(0.0055) J
rans-1,4-Dichloro-2-butene	ND(0.0055) J	ND(0.0055)	ND(0.0056)	NS	
richtoroethens	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055) J
richlorofluoromethane	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS NS	ND(0.0055)
invi Acetate	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS	ND(0.0055)
/inyl Chloride	ND(0.0055)	ND(0.0055)	ND(0.0056)	NS NS	ND(0.0055)
(yienes (lotai)	ND(0.0055)	NE(0.0055)	ND(0.0056)	NS 195	ND(0.9055) ND(0.9055) J

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet):	4E RAA4-P3 0-1	4E RAA4-P6 0-1	4E RAA4-P14	4E RAA4-P16	4E RAA4-Q05
Parameter Date Collected:	07/08/02	06/26/02	0-1 06/26/02	3-6	3-6
Semivolatile Organics	07706/02	00/20/02	00/20/02	06/17/02	06/27/02
.2.4.5-Tetrachtorobenzene í	ND(0.370)	ND(0.370)	ND (0.000)	N/O	NOVA 4740
.2.4-Trichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380) ND(0.380)	NS NS	ND(0.370) ND(0.370)
,2-Dichlerobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
,2-Diphenylhydrazine	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.370)
,3,5-Trinitrobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.37)3 ND(0.370)
.3-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
,3-Dinitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
,4-Dichlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
.4-Naphthoguinone	ND(0.740)	ND(0,740)	ND(0.750)	NS	ND(0.740)
-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
.3.4.6-Tetrachlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4.5-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4,6-Trichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Dimethyiphenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
4-Dinitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
4-Dinitrotoluene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
6-Dichlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2,6-Dinitrotoluene	ND(0.370)	ND(0.370)	ND(0.380)	NŚ	ND(0.370)
R-Acetylaminofluorene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
-Chioronaphthalene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Chlorophenol	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
2-Methylnaphthalene	U.0800 J	0.120 J	ND(0.380)	NS	ND(0.370)
2-Methylphenol	ND(0.370)	0.230 J	ND(0.380)	NS	ND(0,370)
2-Naphthylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
2-Nitrophenol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
2-Picoline	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
3&4-Methylphenol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
3'-Dichlorobenzidine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.740)
3,3'-Dimethylbenzidine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
B-Methylcholanthrene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
-Nitroanitite	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
I-Aminobiphenyi	ND(0.370) ND(0.740)	ND(0.370)	ND(0.380)	NS	ND(0.370)
	ND(0.370)	ND(0.740) ND(0.370)	ND(0.750)	NS	ND(0.740)
-Chloro-3-Methylphenol	ND(0.370)	ND(0.370)	ND(0.380) ND(0.380)	NS	ND(0.370)
-Chloroaniline	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Chlorobenzilate	ND(0.740)	ND(0.740)	ND(0.380)	NS NS	ND(0.370)
-Chlorophenyl-phenylether	ND(0.370)	ND(0.370)	ND(0.380)	NS I	ND(0.740) ND(0.370)
-Nitroaniline	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(0.370)
-Nitrophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
-Nitroquinoline-1-oxide	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Phenylenediamine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.74) J
-Nitro-o-tojuidine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
,12-Dimethylbenz(a)anthracene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
.a'-Dimethylphenethylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
cenaphthene	ND(0.370)	1.10	ND(0.380)	NS	ND(0.370)
cenaphthylene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
cetophenone	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
vriline	ND(0.370)	210	ND(0.380)	NS	ND(0.370)
nthracene	ND(0.370)	0 890	ND(0.380)	NS	ND(0.370)
ramile	ND(0.740)	ND(0.749)	ND(0.750)	NS	ND(0.740)
enzidine	ND(0.74) J	ND(0.74) J	ND(0.75) J	NS	ND(0.74)
enzo(a)anthracene	0.200 J	2.70	ND(0.380)	NS	ND(0.370)
enzo(a)pyrene	0.530	2.30	ND(0.380)	NS į	ND(0.370)
enzo(b)fluoranthene	0.840	2.20	ND(0.380)	NS	ND(0.370)
enzo(g.h.i)perylene	0.760	1.30	ND(0.380)	NS	ND(0.370)
enzo(k)/luoranthene	0.620 }	2.50	ND(0.380)	NS	ND(0.370)
enz/I Alcohol	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.74) J
is(2-Chloroethoxy)methane	ND(0 370) {	ND(0.370)	ND(0.380)	NS	ND(0.370)
is(2-Chloroethyl)ether	MD(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
vis(2-Chloroisopropyl)ether	ND(0.37) J J	ND(0.370)	ND(0.380)	NS	ND(0.370)

V:\GE_Pittsfield_CD_ESA_2_South_ConfidentiatNotes and DatatPDI DATA8.xls Table B-1 (8) Page 190 of 197

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-P3	4E RAA4-P6	4E RAA4-P14	4E RAA4-P16	4E RAA4-Q05
Sample Depth(Feet):	0-1	0-1	0-1	3-6	3-6
Parameter Date Collected:	07/08/02	06/26/02	06/26/02	06/17/02	06/27/02
Semivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	ND(0.360)	ND(0.360)	ND(0.370)	NS	ND(0.360)
Butylbenzylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NŜ	ND(0.370)
Chrysene	0.300 J	2.90	0.200 J	NS	ND(0.370)
Diaflate	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Dibenzo(a,h)anthracene	0.290 J	ND(0.370)	ND(0.380)	NS	ND(0.370)
Dibenzofuran	ND(0.370)	0.450	ND(0.380)	NS	ND(0.370)
Diethylphthalate	ND(0.370)	ND(0.376)	ND(0.380)	NS	ND(0.370)
Dimethylphthalate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Di-n-Butylphthalate	ND(0.370)	1.20	ND(0.380)	NS	ND(0.370)
Di-n-Octylphthaiate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Diphenylamine	ND(0.37)	ND(0.37)	ND(0.38)	NŚ	ND(0.37)
Ethyl Methanesulfonate	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
luoranthene	0.340 J	4.90	ND(0.380)	NS	ND(0.370)
luorene	ND(0.370)	0.720	ND(0.380)	NS	ND(0.370)
lexachlorobenzerie	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
-lexachlorobutadiene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
texachlorocyclopentadiene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
lexachioroethane	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
lexachlorophene	ND(0.74)	ND(0.74)	ND(0.75)	NS	ND(0.74)
lexachloropropene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
ndeno(1,2,3-cd)pyrene	0.740	1.20	ND(0.380)	NS	ND(0.370)
sodrin	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
sophorone	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Methapyrilene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Methapymene Methyl Methanesulfonate	ND(0.740) ND(0.370)	ND(0.740) ND(0.370)	ND(0,750) ND(0,380)	NS NS	ND(0.740)
Vaphthalene		······			ND(0.370)
Vapnohalene	0.0900 J ND(0.370)	0.340 J ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodiethylamine	ND(0.370)	ND(0.370)	ND(0.380) ND(0.380)	NS NS	ND(0.370)
N-Nitrosodimethylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS NS	ND(0.370)
V-Nitroso-di-n-butylamine	ND(0.740)	ND(0.370)	ND(0.380) ND(0.750)	NS NS	ND(0.370) ND(0.740)
N-Nitroso-di-n-propylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
N-Nitrosodiphenylamine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
V-Nitrosomethylethylamine	ND(0.740)	ND(0.740)	ND(0.750)	NS NS	ND(0.370) ND(0.740)
V-Nitrosomorpholine	ND(0.370)	ND(0.370)	ND(0.380)	NS NS	ND(0.370)
Nitrosopiperidine	ND(0.370)	ND(0.370)	ND(0.380)	NS NS	ND(0.370)
V-Nitrosopyrrolidine	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.370) ND(0.740)
o.o.o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
>-Toluidine	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
-Dimethylaminoazobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Pentachlorobenzene	ND(0.370)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Pentachloroethane	ND(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)
Pentachioronitrobenzene	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0,740)
Pentachlorophenol	ND(1.90)	ND(1.90)	ND(1.90)	NS	ND(1.90)
Phenacetin	ND(0.740)	ND(0.740)	ND(0.750)	NS	ND(0.740)
Phenanthrene	0.110 J	5,40	ND(0.380)	NS	ND(0.370)
Pheno!	ND(0.370)	1.40	ND(0.380)	NS	ND(0.370)
ronamide	ND(0.376)	ND(0.370)	ND(0.380)	NS	ND(0.370)
Pyrene	0.320 J	5.80	ND(0.380)	NS	ND(0.370)
Pyridine	ND(0.370)	ND(0.370)	NC(0.380)	NS	ND(0.370)
Safrole	ND(0.370)	ND(0.370)	ND(0.380)	NS !	ND(0.370)
Thianazin	NO(0.37)	ND(0.37)	ND(0.38)	NS	ND(0.37)

VIGE_Pittsheld_CO_ESA_2_South_ConfidentiatNotes and Data9PDI DATA8 xls Table B-1 (B) Page 191 of 197

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID: Sample Depth(Feet): Parameter Date Collected:	4E RAA4-P3 0-1 07/08/02	4E RAA4-P6 0-1 06/26/02	4E RAA4-P14 0-1 06/26/02	4E RAA4-P16 3-6 06/17/02	4E RAA4-Q05 3-6 06/27/02
Furans					
2,3,7.8-TCDF	0.000029 Y	0.000020 Y	0.0000042 Y	0.00070 YEJ	0.00000040 J
TCDFs (total)	0 00022	0.00017	0.000035	0.0043 QI	0.0006069
1.2.3.7.8-PeCDF	0.000012	0.0000068 J	0.0000016 J	0.00087 Q	0.00000041 J
2,3,4,7,8-PeCDF	0.000037	0.000024	0.0000073	0.0021 EJ	0.00000073 J
PeCDFs (total)	0.00029 QI	0.00024 O	0.00012	0.0098 QI	0.0000070
1,2,3,4,7,8-HxCDF	0.000035	0.000016	0.0000041	0.0038 EIJ	0.0000075 J
1,2,3,6,7,8-HxCDF	0.000017	0.000011 J	0.0000040	0.0011 EIJ	0.00000057 J
1,2,3,7,8,9-HxCDF	0.0000073	0.0000034 J	ND(0.0000011) X	0.0020 EJ	0.00000028 J
2,3,4,6,7,8-HxCDF	0.006027	0.000024	0.000012	0.0012 EJ	0.00000082 J
HxCDFs (total)	0.00034	0.00038	0.00016	0.0131	0.0000065
1,2,3,4,6,7,8-HpCDF	0.000040	0.000034	0.000011	0.0014 EJ	0.0000029
1,2,3,4,7,8,9-HpCDF	0.0000085	0.0000045 J	0.0000015 J	0.0012 EJ	0.00000016 J
HpCDFs (total)	0.000092	0.000038	0.008029	0.0041	0.0000035
OCDF	0.000059	0.000028	0.0000044 J	0.0014 I	0.0000020 J
Dioxins		••••••••••••••••••••••••••••••••••••••		••••••••••••••••••••••••••••••••••••••	
2,3,7,8-TCDD	ND(0,00000032) X	ND(0.00000050)	ND(0.00000038)	0.0000025	ND(0.00000015)
TCDDs (total)	0.0000032	0.000010	ND(0.0000038)	0.000055 Q	0.0000013
1.2.3.7.8-PeCDD	ND{0.0000012} X	ND(0.00000082) X	ND(0.00000034)	ND(0.0000092) X	0.80000023 J
PeCDDs (total)	0.0000033	0.0000054 Q	ND(0.00000034)	0.000039 Q	0.0000016
1,2,3,4,7,8-HxCDD	0.06000074 J	0.0000027 J	ND(0.00000040)	0.0000071	0.00000023 J
1,2,3,6,7,8-HxCDD	0.000014	0.0000044 J	ND(0.00000035)	0.000010	ND(0.00000029) X
1,2,3,7,8,9-HxCDD	0.0000046	ND(0.0000036) X	ND(0.00000036)	0.0000088	ND(0.00000038) X
HxCDDs (total)	0.00013	0.000038	0.00000069	0.00013	0.0000047
1,2,3,4,6,7,8-HpCDD	0.000043	0.000077	0.0000020 J	0.000053	0.0000030
HpCDDs (total)	0.000090	0.00015	0.0000039	0.00010	0.0000064
OCDD	0.00018	0.00071	0.0000099	0.00014	0.000080
Total TEQs (WHO TEFs)	0.000034	0.000023	0.0000068	0.0020	0.0000011
Inorganics		L			1
Antimony	1.40 B	ND(6.00) J	ND(6.00) J	NS	6.40
Arsenic	6.40	5.80	3.80	NS	12.0
Barium	1400	53.0 J	26.0 J	NS	24.0
Bervilium	ND(0.500)	ND(0.500)	ND(0,500)	NS	ND(0.500)
Cadmium	0.110 B	ND(0.500)	ND(0.500)	NS	0.980
Chromium	22.0	13.0	5.40	NS	18.0
Cobalt	ND(5.00)	ND(5.00)	6.40	NS	8.20
Cooper	44.0	1100 J	11.0 J	NS	17000
Cvanide	0.140 B	0,190	ND(0.110)	NS	0.100 B
Lead	190	130	6.50	NS	160
Mercury	0.100 B	ND(0.110)	ND(0.110)	NS	ND(0.110)
Nicke	12.0	9.50	12.0	NS	16,0
Scienium	ND(1.00)	ND(1.00) J	ND(1.00) J	NS	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)
Sulfide	35.0	110 J	13.0 J	NS	300
Thallium	2.20	1.60 J	1.00 J	NS	5.90
T(r)	ND(10.0)	ND(11.0)	ND(10.0)	NS	270
Vanadium	14.0	21.0 J	6.50 J	NS	23.0
Zinc	120	170	34,0	NS	3200

Same Access

Averaging Area:	4E	4E	4E	4E
Sample ID:	RAA4-Q6	RAA4-Q8	RAA4-R4	RAA4-R5
Sample Depth(Feet):	1-3	0-1	0-1	0-1
Parameter Date Collected:	06/18/02	06/26/02	06/26/02	06/26/02
Volatile Organics				
1.1.1.2-Tetrachioroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,1-Trichloroelhane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1,2-Trichloroethane 1,1-Dichloroethane	ND(0.0054) ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,1-Dichloroethene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2,3-Trichloropropane		ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0054) ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
1.2-Dibromoethanc	ND(0.0054)	ND(0.0052) ND(0.0052)	ND(0.0060) [ND(0.0060)] ND(0.0060) [ND(0.0060)]	ND(0.0058) ND(0.0058)
1,2-Dichloroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) (ND(0.0060))	ND(0.0058)
1.2-Dichloropropane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	to a set to be made a source of the set of t
1,4-Dioxane	ND(0.11) J	ND(0.10)	ND(0.12) J [ND(0.12) J]	ND(0.0058) ND(0.12) J
2-Butanone	ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	
2-Chloro-1,3-butadiene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.012) ND(0.0058)
2-Chloroethylvinylether	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
2-Hexanone	ND(0.011)	ND(0.0032)	ND(0.012) [ND(0.012)]	ND(0.0038)
3-Chloropropene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
4-Methyl-2-pentanone	ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
Acetone	ND(0.022)	ND(0.021)	ND(0.024) [ND(0.024)]	ND(0.023)
Acetonitrile	ND(0.11)	ND(0.10)	ND(0.12) [ND(0.12)]	ND(0.12)
Acrolein	ND(0.11) J	ND(0,10)	ND(0.12) J [ND(0.12) J]	ND(0.12) J
Acrylonitrile	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Benzene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Bromodichloromethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Bromoform	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Bromomethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Carbon Disulfide	ND(0.0054)	ND(0.0052)	ND(0.006D) [ND(0.0060)]	ND(0.0058)
Carbon Tetrachloride	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chiorobenzene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chioroethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chloroform	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Chloromethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0080)]	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dibromochloromethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dibromomethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Dichlorodifluoromethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Ethyl Methacrylate	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Ethylbenzene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
lodomethane	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Isobulanol	ND(0.11)	ND(0.10)	ND(0.12) [ND(0.12)]	ND(0.12)
Methacrylonitrile	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Methyl Methacrylate	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Methylene Chioride	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Propionitrile	ND(0.011)	ND(0.010)	ND(0.012) [ND(0.012)]	ND(0.012)
Styrene	ND(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
Tetrachloroethene	ND(0.0054)	ND(0.0952)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Toluene	NO(0.00540)	ND(0.0052)	ND(0.00600) [ND(0.00600)]	ND(0.00580)
trans-1,2-Dichloroethene	ND(0.0054)	ND(0.0652)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.0054) J	ND(0.0052)	ND(0.0060) [ND(0.0060)]	<u> ND(0.0058)</u>
Trichloroethene	ND(0.0054)	ND(0.0052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Trichiorofluoromethane	ND(0.0054)	ND(0.5052)	ND(0.0060) [ND(0.0060)]	ND(0.0058)
Vinyi Acetate	ND(0.0054) ND(0.0054)	ND(0.0052) ND(0.0052)	ND(0.0060) [ND(0.0060)] ND(0.0060) [ND(0.0060)]	ND(0.0058) ND(0.0058)
Vinyl Chloride				

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Averaging Area: Sample ID:	4E RAA4-Q6	4E RAA4-Q8	4E RAA4-R4	4E RAA4-R5
Sample Depth(Feet): Parameter Date Collected:	1-3	0-1	0-1	0-1
	06/18/02	06/26/02	06/26/02	06/26/02
Semivolatile Organics	100.000	L ND (0.450)		
1,2,4,5-Tetrachlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,2-Dichlorobenzene	ND(0.360) ND(0.360)	ND(0.350) ND(0.350)	ND(0.400) [0.250 J]	0.35 J
1.2-Diphenylhydrazine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)] ND(0.40) [ND(0.44)]	ND(0.39) J ND(0.39) J
1,3,5-Trinitrobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J ND(0.39) J
1,3-Dichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
1,3-Dinitrobenzene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
1,4-Dichlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
.4-Naphthoguinone	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
-Naphthylamine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2,3,4,6-Tetrachlorophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2.4,5-Trichlorophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4,6-Trichlerophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
4-Dichlorophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,4-Dimethylphenol	ND(0.360)	R	ND(0.400) (ND(0.440))	ND(0.390)
2,4-Dinitrophenol	ND(1.80)	R	ND(2.00) [ND(2.20)]	ND(2.00)
2,4-Dinitrotoluene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2,6-Dichlorophenot	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2,6-Dinitrotoluene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2-Acetylaminofluorene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2-Chloronaphthalene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
2-Chlorophenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Methylnaphthalene	ND(0.360)	ND(0.350)	ND(0.400) [0.120 J]	ND(0.39) J
2-Methylphenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
2-Naphthylamine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
2-Nitroaniline	ND(1.80)	ND(1.80)	ND(2.00) [ND(2.20)]	ND(2.0) J
2-Nitrophenol	ND(0.720)	R	ND(0.800) [ND(0.810)]	ND(0.780)
2-Picoline	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
3&4-Methylphenol	ND(0.720)	R	ND(0.800) [ND(0.810)]	ND(0.780)
3,3'-Dichlorobenzidine	ND(0.720)	ND(0.70) J	ND(0.80) J [ND(0.89) J]	ND(0.78) J
3.3'-Dimethylbenzidine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
3-Methylcholanthrene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
S-Nitroaniline	ND(1.80)	ND(1.80)	ND(2.00) [ND(2.20)]	ND(2.0) J
4,6-Dinitro-2-methylphenol	ND(0.360)	R	ND(0.400) [ND(0.440)]	ND(0.390)
I-Aminobiphenyl I-Bromophenyl-phenylether	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
	ND(0.360) ND(0.360)	ND(0.350) R	ND(0.400) [ND(0.440)]	ND(0.39) J
1-Chloro-3-Methylphenoi 1-Chloroaniiine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.390)
4-Chlorobenzilate	ND(0.380) ND(0.720)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
I-Chlorophenyl-phenylether	ND(0.360)	ND(0.350)	ND(0.800) [ND(0.810)] ND(0.400) [ND(0.440)]	ND(0.78) J ND(0.390)
I-Nitroaniline	ND(0.360)	ND(1.80)	ND(2.00) [ND(2.00)]	ND(0.390)
-Nitrophenol	ND(1.80)	R R	ND(2.00) [ND(2.20)]	ND(2.00)
I-Nitroquinoline-1-oxide	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
I-Phenylenediamine	ND(0.72) J	ND(0.70) J	ND(0.80) J [ND(0.81) J]	ND(0.78) J
-Nitro-o-toluidine	ND(0.720)	ND(0.700)	ND(0.8073 [ND(0.8175] ND(0.800) [ND(0.810)]	ND(0.78) J
7,12-Dimethylbenz(a)anthracene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
a,a'-Dimethylphenethylamine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(9.78) J
Acenaphthene	ND(0.360)	ND(0.350)	0.089 J [0.96 J]	0.69 J
Acenaphthylene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Acetophenone	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
Aniline	ND(0.360)	ND(0.350)	ND(0.400) [0 980]	4.1 J
Anthracene	ND(0.360)	ND(0.350)	ND(0.400) [0.760]	0.69.J
Aramite	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J
Benzidine	ND(0.72)	ND(0.70) J	ND(0.80) L (ND(0.89) J)	ND(0.78) J
Benzola)anthracene	ND(0.360)	ND(0.350)	0.27 J [0.87 J]	2.4 J
Benzo(a)pyrene	ND(0.36) J	ND(0.350)	0.49 J [2.0 J]	4,7 J
Benzo(b)/lucranthene	ND(0.36) J	ND(0.350)	0.41 J [1.8 J]	4.4 J
Benzo(g,h.i)perylene	ND(0.360)	ND(0.350)	ND(0.400) [1.00]	3.6 J
Benzo(k)fluoranthene	ND(0.360)	ND(0.350)	0.29 J [1.5 J]	3.8.J
Benzyl Alcohoi	ND(0.720)	R	ND(0.800) [ND(0.890)]	ND(0.780)
vis(2-Chloroethoxy)methane	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.30) J
bis(2-Chiorosthyl)ether	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J
bis(2-Chloroisopropyl)ether	ND(0.360)	ND(0.350)	ND(0.400) (ND(0.440))	I ND(0.39) J

VAGE_PittsBeld_CD_ESA_2_South_ConfidentiatNotes and Data\PDFDATA8.xls Table 8-1 (6) Page 194 of 197

Averaging Area: Sample ID:	4E RAA4-Q6	4E RAA4-Q8	4E . RAA4-R4	4E RAA4-R5	
Sample Depth(Feet):		0-1	0-1	0-1	
Parameter Date Collected:	1-3 06/18/02	06/26/02	06/26/02	06/26/02	
Semivolatile Organics (continued)					
is(2-Ethylhexyl)phthalate	ND(0.360)	ND(0.340)	ND(0.390) [ND(0.400)]	ND(0.38) J	
Jutylbenzylphinalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Chrysene	ND(0.360)	ND(0.350)	0.32 J [0.97 J]	2.4 J	
Jiallate	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.39) J	
Dibenzo(a,h)anthracene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Dibenzofuran	ND(0.360)	ND(0.350)	ND(0.400) [0.270 J]	ND(0.78) J	
Diethylphthalate	ND(0.360)	ND(0.350)	ND(0.400) (ND(0.440))	1.3 J	
Dimethylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	0.28 J	
Di+n-Butylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Di-n-Octylphthalate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Diphenylamine	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J	
Ethyl Methanesulfonate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
luoranthene	ND(0.360)	NO(0.350)	0.50 J [2.6 J]	5.1 J	
Fluorene	ND(0.360)	ND(0.350)	ND(0.400) [0.570]	0.44 J	
Hexachlorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Hexachlorobutadiene	ND(0.360)	NO(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
riexachlorocyclopentadiene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Hexachloroethane	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Hexachlorophene	ND(0.72)	ND(0.70)	ND(0.80) [ND(0.89)]	ND(0.78) J	
Hexachloropropene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
ndeno(1,2,3-cd)pyrene	ND(0.360)	ND(0.350)	ND(0.400) [0.820]	3.2 J	
sodrin	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J	
sophorone	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
sosafrole	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
Methapyrilene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
Methyl Methanesulfonate	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Naphthalene	ND(0.360)	ND(0.350)	ND(0.400) [0.440]	0.30 J	
Nitrobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitrosodiethylamine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.78) J	
N-Nitrosodimethylamine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitroso-di-n-butylamine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.39) J	
N-Nitroso-di-n-propylamine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitrosodiphenylamine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitrosomethylethylamine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
N-Nitrosomorpholine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitrosopiperidine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
N-Nitrosopyrrolidine	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J	
o-Toluidine	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
p-Dimethylaminoazobenzene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
Pentachtorobenzene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Pentachioroethane	ND(0.36)	ND(0.35)	ND(0.40) [ND(0.44)]	ND(0.39) J	
Pentachloronitrobenzene	ND(0.720)	ND(0.700)	ND(0.800) [ND(0.810)]	ND(0.78) J	
Pentachlorophenol	ND(1.80) ND(0.720)	R ND(0.700)	ND(2.00) [ND(2.20)] ND(0.800) [ND(0.810)]	ND(2.00) ND(0.78) J	
Phenacetin Shore athropa	ND(0.360)	ND(0.350)	0.50 J [3.3 J]	3.6 J	
Phenanthrene	ND(0.360)	ND(0.350)		0 370 J	
Phenol	ND(0.360)	ND(0.350)	ND(0.400) [0 0950 J] ND(0.400) [ND(0.440)]	ND(0.39) J	
Pronamide	ND(0.360)	ND(0.350)	<u>0.84 J [2.8 J]</u>	3.8 J	
Pyrene	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Pyridine Safraja	ND(0.360)	ND(0.350)	ND(0.400) [ND(0.440)]	ND(0.39) J	
Safrole	ND(0.36)	ND(0.350)	ND(0.40) [ND(0.440); ND(0.40) [ND(0.441)]	ND(0.39) J	

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Parameter	Averaging Area: Sample ID: Sample Depth(Feet): Date Collected:	4E RAA4-Q6 1-3 06/18/02	4E RAA4-Q8 0-1 06/26/02	4E RAA4-R4 0-1 06/26/02	4E RAA4-R5 0-1 06/26/02
Furans	,				
2,3,7,8-TCDF	· · · ·	0.0000020 Y	0 0000061 Y	0.00019 YJ (0.00039 YJ)	0.00021 Y
TCDFs (tota)	CONTRACTOR OF A DESCRIPTION OF A DESCRIP	0.000015	0.000073	0.0020 J [0.0042 J]	0.0023
1,2,3,7.8-Pet		0.00000047 J	0 0000035	0.000131J (0.00026 J)	0.00029
2,3,4,7,8-Pet		0.0000024	0.000012	0.00024 J [0.00055 J]	0.00091
PeCDFs (tota		0.000021	0.000085	0.0024 QIJ [0.0044 QIJ]	0.0050 Q
1.2.3.4.7.8-H		0.00000080 J	0.0000039	0.00040 J [0.00075 J]	0.0035
1.2.3.6.7.8-H		0.00000041 J	0.0006042	0.000221[0.000341]	0.0015
1,2,3,7,8,9-H		ND(0.00000021)	0.0000012 J	0.000083 (0.00013)	0.00098
2.3.4.6.7.8-H		0.0000010 J	0.000016	0.00023 J [0.00040 J]	0.00078
HxCDFs (tota		0.000013	0.00024	0.0032 I J [0.0057 IJ]	0.013 Q
1,2,3,4,6,7,8		0.00000082 J	0.000011	6.00041 J [0 00071 J]	0.00089
1,2,3,4,7,8,9		R	0.0000015 J	0.00010 [0.00016]	0.00076
HpCDFs (tota		0.0000020	0.000033	0.00087 J [0.0015 J]	0.0025
OCDF		0.00000043 J	0.0000040 J	0.00027 J [0.00055 J]	0.00086
Dioxins			·		
2.3.7.8-TCDI)	ND(0.00000011)	ND(0.00000023)	ND(0.0000024) X [0.0000037 J]	0.0000026 J
TCDDs (total		ND(0.00000014)	ND(0.00000023)	0.000084 J [0.00019 J]	0.000066
1.2.3.7.8-Pe	<u> </u>	ND(0.00000021)	ND(0.00000039)	ND(0.000011) X [ND(0.000018) X]	ND(0.000011) X
PeCDDs (tota	al)	ND(0.00000021)	ND(0.00000039)	0.000066 QJ [0.00019 QJ]	0.000011 Q
1,2,3,4,7,8-H		ND(0.00000021)	ND(0.00000036)	0.0000092 J [0.000021 J]	0.0000044 J
1.2.3.6.7.8-H	xCDD	ND(0.00000021)	ND(0.00000032)	0.000010 J [0.000023 J]	0.0000070 J
1.2.3.7.8.9-H		ND(0.00000021)	ND(0.00000032)	0.0000079 J [0.000019 J]	0.0000048 J
HxCDDs (tot:	al)	ND(0.00000026)	0.0000011	0.00016 J [0.00040 J]	0.000093
1,2,3,4,6,7,8	HpCDD	ND(0.00000042) X	0.0000023	0.000060 J [0.00011 J]	0.000040
HpCDDs (tota	B()	0.00000037	0.0000049	0.00013 J [0.00023 J]	0.000080
OCDD		0.0000029 J	0.000013	0.00025 J [0.00042 J]	0.00023
Total TEOs (WHO TEFs)	0.0000019	8e00000.0	0.00025 [0.00052]	0.0012
Inorganics			,		
Antimony		ND(6.00)	ND(6.00) J	ND(6.00) J [ND(6.00) J]	0.990 J
Arsenic		2.40 J	6,20	19.0 [18.0]	9.30
Banum		40.0	35.0 J	120 J [110 J]	120 J
Beryllium		ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Cadmium		ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500)
Chromium		3.70	9.80	12.0 [13.0]	17.0
Cobalt		6.70	9,60	ND(5.00) [ND(5.00)]	9.20
Copper		13.0	24.0 J	110 J [120 J]	210 J
Cyanide		ND(0.110)	ND(0.100)	0.330 [0.470]	0.340
Lead		5.10	7.80	130 [160]	150
Mercury		ND(0.110)	ND(0.100)	0.560 [0.780]	0.200
Nickel		8.40	19.0	12.0 [12.0]	21.0
Selenium		ND(1.00)	ND(1.00) J	1.20 J [0.700 J]	0.560 J
Silver		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide		31.0	18.0 J	61.0 J [41.0 J]	56.0 J
Thallium		ND(1.60)	1.70 J	3.70 J [2.30 J]	3.30 J
Tin		ND(10.0)	ND(10.0)	16.0 J [18.0 J]	17.0 J
Vanadium		ND(5.00)	14.0 J	18.0 J [18.0 J]	18.0 J
Zinc		30.0	45.0	270 [300]	390

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TABLE B-1

PRE-DESIGN INVESTIGATION APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2-SOUTH REMOVAL ACTION GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in dry weight parts per million, ppm)

Notes:

- Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX + 3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company,
- Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002). 3. ND - Analyte was not detected. The number in parentheses is the associated detection (imit.
- 4. NS Not Sampled Parameter was not requested on sample chain of custody form.
- Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
- 6. Dupticate sample results are presented in brackets.

Data Qualifiers:

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

- B Analyte was also detected in the associated method blank.
- E Analyte exceeded calibration range.
- I Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J Indicates that the associated numerical value is an estimated concentration.
- Q Indicates the presence of quantitative interferences.
- X Estimated maximum possible concentration.
- Y 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
- S The quantity of analyte has saturated the detector. This may cause the ion ratio to be outside of theoretical limits.
- R Data was rejected due to a quality assurance/quality control deficiency.

Inorganics

- B indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.