PRIOR NON-PCB APPENDIX IX+3 SOIL DATA

TABLE B-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR THE LYMAN STREET AREA REMOVAL ACTION

EXISTING APPENDIX IX+3 SOIL DATA NOT INCLUDED ON SUMMARY TABLES

Sample Location	Sample ID	Depth Interval	Date Collected	Analyte Group			
				VOCs	SVOCs	PCDDs/ PCDFs	Pest/Herb
B-1	ROB-DPA1	4-6	11/21/91				X
B-2	ROB2B0002	0-2	11/21/91				X
E-1	ROE1B1012	10-12	3/26/91			X	X
E-1	ROE1B1012	10-12	11/3/91			X	
E-2	ROE2B0810	8-10	3/25/91				X
LSSC-01	LSSC-01-SS05	6-8	1/4/99	X			
LSSC-02	LSSC-02-SS08	12-14	12/21/98	X			
LSSC-03	LSSC-03-SS06	6-8	12/16/98	X			
LSSC-07	LSSC-07-CS2426	24-26	12/18/98			X	
LSSC-08	LSSC-08-CS2123	21-23	12/17/98			X	
LSSC-08	LSSC-08-SS15	23-24	12/18/98	X			
LSSC-10	LSSC-10-CS1015	10-15	12/16/98		X	X	
LSSC-11	LSSC-11-CS1517	15-17	12/29/98			X	
LSSC-11	LSSC-11-SS10	15-17	12/29/98	X			
LSSC-16	LSSC-16-CS1015	10-15	12/29/98		X		
LSSC-16	LSSC-16-SS08	12-14	12/29/98	X			
LSSC-17	LSSC-17-SS07	10-12	12/29/98	X			
LSSC-17	LSSC-17-CS1015	10-15	12/29/98	X			
LSSC-17	LSSC-17-CS2325	23-25	12/18/98	X			
LSSC-17	LSSC-17-SS14	23-25	12/29/98	X			
LSSC-18	LSSC-18-CS1015	10-15	12/29/98		X		
LSSC-18	LSSC-18-SS08	12-14	12/29/98	X			
LSSC-19	LSSC-19-CS1015	10-15	12/29/98		X		

NOTES:

1. Analytical results for the samples and respective analyte groups marked with an "X" are non-detect. These results were not included in the summary tables in previous reports.

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT
FOR HOUSATONIC RIVER OXBOW AREAS A,B,C,J, AND K

SUMMARY OF VOCs DETECTED IN SOIL SAMPLES
HOUSATONIC RIVER OXBOW AREAS A,B,C,J, AND K

	Oxbow A							Oxbow B		Oxbow C		
Location:	Well A-1	Well A-1	Well A-1	Well A-1	Well A-1	Boring A-2	Well A-3	Well B-1	Well B-2	Well C-1	Well C-2	Boring C-3
Depth:	4-6'	12-14'	14-16'	20-22'	22-24'	6-8'	12-14'	4-6'	0-2'	10-12'	12-14'	2-4'
Sample Date:	11/91	11/91	11/91	11/91	11/91	11/91	1/92	11/91	11/91	11/91	11/91	11/91
Parameter												
Methylene Chloride	0.031B	0.030B (0.037B)	0.027B	0.064B	0.044B	0.034B	0.026B	0.032B (0.051B)	0.10B	0.028B	0.058B (0.045B)	0.034B
Acetone	0.023B	0.012B (0.017B)	0.012B	0.063B	0.016B	0.017B	0.026B	0.023B (0.024B)	0.046B	0.036B	0.048B (0.044)	0.014B
Ethylbenzene	ND	ND	ND	0.019	ND	ND	ND	ND	0.005J	ND	ND	ND
Xylene (Total)	ND	ND	ND	0.013	ND	ND	0.005J	ND	0.012J	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	0.004J (0.002J)	0.007J	ND	ND	0.002J
2-Butanone	ND	ND	ND	0.007J	ND	ND	ND	ND	ND	ND	ND	ND

	Oxbow J									Oxbow K	
Location:	J-1S	J-2S	J-3S	J-4S	YB-2	YB-4	FP-1	FP-2	FP-3	Boring K-1	Boring K-2
Depth:	0-4'	0-4'	0-4'	0-4'	4-8'	0-4'	8-12'	4-8'	4-8'	14-16'	8-10'
Sample Date:	12/91	12/91	12/91	12/91	10/89	10/89	10/89	10/89	10/89	2/91	2/91
Parameter											
Methylene Chloride	0.056B	0.074B	0.056B	0.087B	0.003BJ	0.002BJ	0.006B	0.006B	0.005BJ	0.033B	0.038B
Acetone	0.023	0.039	0.028	0.059	NA	NA	NA	NA	NA	0.022B	0.032B
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
Toluene	ND	ND	ND	ND	0.001J	ND	0.004J	0.003J	0.003J	ND	ND
2-Butanone	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	0.004J	0.005J	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethene	ND	0.003J	0.002J	0.003J	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	0.001J	ND	ND	ND	ND

Notes:

1. Concentrations reported parts per million in dry weight (ppm). Only detected analytes are shown.
2. B - Indicates the compound was found in the associated blank, as well as in the sample.
3. J - Indicates an estimated concentration below the sample quantitation limit.
4. ND = Not detected.
5. ( ) = Duplicate sample analytical result.
6. A, B, C, J, and K series samples analyzed by CompuChem Laboratories, Inc., Research Triangle Park, NC.
7. YB and FP series samples analyzed by IT Analytical Services, Knoxville, TN.

TABLE 4-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT
FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF SVOCs AND PHENOLS DETECTED IN SOIL SAMPLES
HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

		Oxbow A		Oxbow B		Oxbow C		
	Location	Boring A-2	Well A-3	Well B-1	Well B-2	Well C-1	Well C-2	Boring C-3
	Depth	6-8'	12-14'	4-6'	0-2'	10-12'	12-14'	2-4'
Parameter	Sampling Date	11/91	1/92	11/91	11/91	11/91	11/91	11/91
Phenanthrene		5.7	59E	0.50 (13D)	2.2	13	0.21J (1.2)	27D
Di-n-butylphthalate		ND	ND	ND (ND)	0.085J	ND	ND (0.13J)	ND
Fluoranthene		6.7	49	0.76 (16D)	3.6	20	0.34J (1.5)	41D
Pyrene		5.3	42	0.77 (13D)	2.5	19	0.23J (1.1)	43D
Benzo(a)anthracene		3.0	17	0.51 (7.3D)	1.7	11	0.18J (0.74)	24D
Chrysene		2.7	18	0.49 (6.9D)	1.5	13	0.15J (0.71)	22D
bis(2-Ethylhexyl)phthalate		0.35J	0.88J	ND (0.27DJ)	0.33J	0.26J	0.049J (0.20J)	ND
Benzo(b)fluoranthene		4.0	26X	1.1X (13D)	4.2	20X	0.14J (0.45J)	49D
Benzo(k)fluoranthene		7.0	26X	1.1X (13D)	4.2	20X	0.14J (0.28J)	49D
Benzo(a)pyrene		2.5	15	0.66 (5.7D)	2.1	10	0.15J (0.62)	22D
Ideno(1,2,3-cd)pyrene		1.1	6.6	0.33J (3.1D)	0.97	3.6	ND (0.32J)	13D
Benzo(g,h,i)perylene		1.1	7.6	0.35J (3.4D)	1.2	3.3	ND (0.27J)	12D
Anthracene		1.9	14	0.19J (10D)	0.71	1.6J	0.23J (0.29J)	10D
Acenaphthylene		1.0	6.1	0.16J (0.50DJ)	0.75	2.2	ND (ND)	2.9DJ
1-Methylnaphthalene		1.9	22	0.05J (0.95DJ)	0.21J	0.33J	ND (ND)	2.5DJ
Naphthalene		2.2	23	ND (1.7D)	0.22J	0.23J	ND (ND)	1.9DJ
Dibenzofuran		1.1	7.3	ND (1.9D)	0.14J	0.27J	ND (0.064J)	2.7DJ
Acenaphthene		0.63J	6.1	0.05J (2.1D)	0.27J	0.24J	ND (0.095J)	3.1DJ
Dibenzo(a,h)anthracene		0.34J	2.1J	0.12J (0.88DJ)	0.23J	1.1J	ND (0.10J)	3.6D
Fluorene		2.2	17	0.079J (3.4D)	0.37J	1.2J	ND (0.14J)	5.4D
4-Aminobiphenyl		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
2-Methylnaphthalene		0.93	17	ND (0.73DJ)	0.11J	ND	ND (ND)	1.6DJ
1,2,4-Trichlorobenzene		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
3-Methylphenol		ND	ND	ND (ND)	0.05J	ND	ND (ND)	ND
4-Methylphenol		ND	ND	ND (ND)	0.05J	ND	ND (ND)	ND
2,4-Dimethylphenol		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
2,3,4,6-Tetrachlorophenol		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
Pentachlorophenol		0.51J	ND	0.72J (2.3DJ)	0.62J	ND	ND (ND)	ND
bis(2-chloroethyl)ether		ND	ND	ND (ND)	0.069J	ND	ND (ND)	ND
Benzoic acid		0.10J	ND	ND (ND)	0.085J	ND	ND (ND)	ND
Butylbenzlphthalate		ND	ND	ND (ND)	0.3J	ND	ND (ND)	ND
Acetophenone		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
Methylene-bis(2-Chloroaniline)		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
N-nitrosodiphenylamine		ND	ND	ND (ND)	ND	ND	ND (ND)	ND
Total Phenols		3.6	0.93	ND (ND)	0.31	0.22	ND	ND

(See Notes on Page 2)

TABLE 4-5
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT
FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF SVOCs AND PHENOLS DETECTED IN SOIL SAMPLES
HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

		Oxbow J									Oxbow K
	Location	J-1S	J-2S	J-3S	J-4S	YB-2	YB-4	FP-1	FP-2	FP-3	Boring K-2
	Depth	0-4'	0-4'	0-4'	0-4'	4-8'	0-4'	8-12'	4-8'	4-8'	8-10'
Parameter	Sampling Date	12/91	12/91	12/91	12/91	10/89	10/89	10/89	10/89	10/89	10/89
Phenanthrene		0.59	0.77	0.63	1.7	0.29J	0.43J	0.48J	0.48J	17	0.053J
Di-n-butylphthalate		ND	ND	ND	0.15J	ND	ND	ND	ND	ND	0.053J
Fluoranthene		1.4	1.0	1.2	2.8	0.47J	0.89J	0.35J	0.55J	15	0.080J
Pyrene		0.95	0.81	1.0	2.4	0.70J	0.94J	0.27J	0.42J	13	0.097J
Benzo(a)anthracene		0.61	0.57	0.63	1.5	0.30J	0.65J	ND	0.26J	8.1	0.045J
Chrysene		0.75	0.70	0.64	2.2	0.31J	0.64J	ND	0.23J	5.8	0.059J
bis(2-Ethylhexyl)phthalate		0.056J	ND	0.053J	0.42J	ND	ND	ND	ND	ND	0.067J
Benzo(b)fluoranthene		1.5	0.58X	0.65X	3.2X	0.38J	1.0J	ND	ND	5.0	0.086JX
Benzo(k)fluoranthene		1.5	0.58X	0.65X	3.2X	0.46J	0.91J	ND	ND	4.2	0.086JX
Benzo(a)pyrene		0.70	0.45	0.60	1.5	0.37J	0.93J	ND	0.20J	5.6	0.042J
Ideno(1,2,3-cd)pyrene		0.36J	0.32J	0.29J	ND	ND	0.66J	ND	ND	3.0	ND
Benzo(g,h,i)perylene		0.43	0.28J	0.35J	ND	ND	0.77J	ND	ND	3.5	ND
Anthracene		0.13J	0.14J	0.10J	0.18J	ND	0.26J	ND	ND	3.6	ND
Acenaphthylene		0.092J	0.056J	ND	0.25J	0.27J	0.42J	ND	ND	0.43J	ND
1-Methylnaphthalene		ND	0.041J	ND	ND	NA	NA	NA	NA	NA	ND
Naphthalene		ND	0.043J	ND	0.15J	ND	ND	ND	ND	1.2J	ND
Dibenzofuran		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
Acenaphthene		0.048J	0.052J	0.063J	ND	ND	ND	ND	ND	1.3J	ND
Dibenzo(a,h)anthracene		0.13J	0.097J	0.088J	ND	ND	0.24J	ND	ND	0.73J	ND
Fluorene		0.054J	0.058J	0.049J	0.14J	ND	ND	ND	ND	1.5J	ND
4-Aminobiphenyl		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
2-Methylnaphthalene		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
4-Methylphenol		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
2,4-Dimethylphenol		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
2,3,4,6-Tetrachlorophenol		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
Pentachlorophenol		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
bis(2-chloroethyl)ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
Butylbenziphthalate		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
Acetophenone		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
Methylene-bis(2-Chloroaniline)		ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
N-nitrosodiphenylamine		ND	ND	ND	ND	ND	0.63BJ	ND	ND	0.25J	ND
Total Phenols		ND	ND	ND	0.29	ND	ND	ND	ND	ND	ND

Notes:

1. Concentrations reported in parts per million - dry weight (ppm). Only detected analytes are shown.
2. E - Indicates the compound exceeds the calibration range of the gas chromatograph/mass spectrophotometer (GC/MS) instrument.
3. D - Indicates analysis at a secondary dilution factor.
4. J - Indicates an estimated concentration below the sample quantitation limit.
5. X - Indicates coeluting indistinguishable isomers.
6. ( ) - Indicates duplicate sample analytical result.
7. NA - Indicates parameter not analyzed.
8. ND - Indicates parameter not detected.
9. A, B, C, J, and K series samples analyzed by CompuChem Laboratories, Inc., Research Triangle Park, NC.
10. YB and FP series samples analyzed by IT Analytical Services, Knoxville, TN.

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER
HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF PESTICIDES AND HERBICIDES IN SOIL SAMPLES
HOUSATONIC RIVER OXBOW AREAS B, C, J, AND K

Location	Oxbow B	Oxbow C		Oxbow J	Oxbow K
	Well B-1	Well C-1	Well C-2	J-3S	Boring K-1
Depth	4-6'	10-12'	12-14'	0-4"	14-16'
Sample	11/91	11/91	11/91	12/91	2/91
Parameter					
Pesticides					
gamma-BHC (lindane)	0.10	ND	0.0067	ND	ND
delta-BHC	ND	ND	0.023	ND	ND
4,4'-DDD	ND	0.097	ND	ND	ND
4,4'-DDT	ND	ND	0.14	0.0069	ND
Herbicides					
2,4-D	ND	ND	ND	ND	0.22
2,4,5 - TP (Silvex)	ND	ND	ND	ND	0.051
2,4,5 - T	ND	ND	ND	ND	0.052

Notes:

1. Concentrations are reported in parts per million - dry weight (ppm). Only detected analytes are shown.
2. Samples analyzed by CompuChem Laboratories, Inc. Research Triangle Park, NC.

TABLE 4-8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF PCDDS AND PCDFS IN SOIL SAMPLES - HOUSATONIC RIVER OXBOW AREAS A, B, C, AND J

PARAMETER	Location	OXBOW A	OXBOW B		OXBOW C		OXBOW J		
	Depth	A-3	B-1	B-2	C-1	C-2	J-1S	J-2S	J-4S
	Sample Date	12-14"	4-6"	0-2"	10-12"	12-14"	0-4"	0-4"	0-4"
		1/92	12/91	11/91	11/91	11/91	12/91	12/91	12/91
2,3,7,8-Tetrachlorodibenzodioxin		ND	ND	ND	ND	ND	ND	ND	ND
Tetrachlorodibenzodioxin (total)		ND	ND	ND	ND	ND	ND	ND	M
1,2,3,7,8-Pentachlorodibenzodioxin		NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorodibenzodioxin (total)		ND	ND	ND	ND	ND	ND	ND	0.0016
1,2,3,4,7,8-Hexachlorodibenzodioxin		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzodioxin		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzodioxin		NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorodibenzodioxin (total)		ND	ND	M	ND	ND	ND	ND	0.0085
1,2,3,4,6,7,8-Heptachlorodibenzodioxin		NA	NA	NA	NA	NA	NA	NA	NA
Heptachlorodibenzodioxin (total)		M	ND	0.00017	M	ND	0.00017	0.000061	0.0067
Octachlorodibenzodioxin		0.00025	ND	0.00066	0.00030	0.00018	0.00094	0.00021	0.0020
2,3,7,8-Tetrachlorodibenzofuran		ND	M	0.00010	M	ND	0.000047	M	0.00023
1,2,7,8-Tetrachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
Tetrachlorodibenzofuran (total)		ND	ND	0.00051	M	ND	0.00022	M	0.017
1,2,3,7,8-Pentachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-Pentachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorodibenzofuran (total)		ND	M (0.00098)	0.00059	0.00038	ND	M	0.00015	0.057
1,2,3,4,7,8-Hexachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-Hexachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-Hexachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-Hexachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorodibenzofuran (total)		M	0.0034 (0.0069)	0.00048	0.00041	M	0.00039	0.00017	0.022
1,2,3,4,6,7,8-Heptachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-Heptachlorodibenzofuran		NA	NA	NA	NA	NA	NA	NA	NA
Heptachlorodibenzofuran (total)		M	0.0020 (0.0041)	0.00026	M	ND	0.00025	M	0.0026
Octachlorodibenzofuran		M	0.0022 (0.0053)	0.00024	M	ND	0.00018	0.000045	0.00031

(See Notes on Page 3)

TABLE 4-8
(cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF PCDDS AND PCDFS IN SOIL SAMPLES - HOUSATONIC RIVER OXBOW AREAS A, B, C, AND J

PARAMETER	Location	OXBOW J (Continued)						
	Depth	OX-J-SS1	OX-J-SS2	OX-J-SS3	OX-J-SS4	OX-J-SS5	OX-J-SS5 DUP.	OX-J-SS6
	Sample Date	0-4'	0-4'	0-4'	0-4'	0-4'	0-4'	0-4'
		9/94	9/94	9/94	9/94	9/94	9/94	9/94
2,3,7,8-Tetrachlorodibenzodioxin		ND	ND	ND	0.00000055	ND	ND	ND
Tetrachlorodibenzodioxin (total)		0.00000082	0.0000035	0.0000046	0.0000099	0.00000069	0.0000011	0.0000038
1,2,3,7,8-Pentachlorodibenzodioxin		ND Q	ND Q	ND Q	0.0000030 X	ND	ND	ND
Pentachlorodibenzodioxin (total)		ND Q	0.000014	0.0000084	0.000011	ND	ND	ND
1,2,3,4,7,8-Hexachlorodibenzodioxin		0.0000011J	0.0000019 J	0.0000020 J	0.0000043	0.00000068 J	0.00000057 J	0.00000078 J
1,2,3,6,7,8-Hexachlorodibenzodioxin		0.0000029	0.0000052	0.0000074	0.000023	0.0000019 J	0.0000018 J	0.0000022 J
1,2,3,7,8,9-Hexachlorodibenzodioxin		0.0000019 J	0.0000031	0.0000038	0.0000068	0.0000011 J	0.00000090 J	0.0000014 J
Hexachlorodibenzodioxin (total)		0.000024	0.000047	0.000057	0.000130	0.000015	0.000013	0.000020
1,2,3,4,6,7,8-Heptachlorodibenzodioxin		0.000050	0.000091	0.000110	0.000680	0.000034	0.000031	0.000037
Heptachlorodibenzodioxin (total)		0.000100	0.000170	0.000250	0.002100	0.000074	0.000067	0.000100
Octachlorodibenzodioxin		0.000390	0.000860	0.000840	0.006500	0.000260	0.000240	0.000270
2,3,7,8-Tetrachlorodibenzofuran		0.0000068	0.000016	0.000037	0.000035	0.0000057	0.0000055	0.000013
1,2,7,8-Tetrachlorodibenzofuran		0.0000026	0.0000078	0.000015	0.000019	0.0000032	0.0000030	0.0000083
Tetrachlorodibenzofuran (total)		0.000059 X	0.000160 X	0.000320 X	0.000320 X	0.000065 X	0.000045 X	0.000110 X
1,2,3,7,8-Pentachlorodibenzofuran		0.0000023 J	0.0000059	0.0000099	0.000018	0.0000020 J	0.0000018 J	0.0000035
2,3,4,7,8-Pentachlorodibenzofuran		0.0000098	0.000016	0.0000076	0.000039	0.0000067	0.0000065	0.0000069
Pentachlorodibenzofuran (total)		0.000130 X	0.000260 X	0.000460 X	0.000450 X	0.000097 X	0.000086 X	0.000094 X
1,2,3,4,7,8-Hexachlorodibenzofuran		0.0000046	0.000015	0.000018	0.000036	0.0000043	0.0000032	0.0000048
1,2,3,6,7,8-Hexachlorodibenzofuran		0.0000066	0.000026 X	0.000030 X	0.000032 X	0.0000060 X	0.0000051 X	0.0000065 X
2,3,4,6,7,8-Hexachlorodibenzofuran		0.0000094	0.000016	0.000035	0.000031	0.0000072 X	0.0000058 X	0.0000077 X
1,2,3,7,8,9-Hexachlorodibenzofuran		0.0000011 J	0.0000029	0.0000036	0.0000062	0.00000099 J	0.00000081 J	0.0000011 J
Hexachlorodibenzofuran (total)		0.000130 X	0.000350 X	0.000520 X	0.000500 X	0.000092 X	0.000080 X	0.000092 X
1,2,3,4,6,7,8-Heptachlorodibenzofuran		0.000026X	0.000160 X	0.000110 X	0.000150 X	0.000024 X	0.000019 X	0.000022 X
1,2,3,4,7,8,9-Heptachlorodibenzofuran		0.0000021 J	0.000006	0.0000064	0.000013	0.0000021 J	0.0000014 J	0.0000019 J
Heptachlorodibenzofuran (total)		0.000061 X	0.000300 X	0.000230 X	0.000420 X	0.000052 X	0.000043 X	0.000046 X
Octachlorodibenzofuran		0.000033	0.000100	0.000089	0.000290	0.000026	0.000022	0.000022

(See Notes on Page 3)

TABLE 4-8
(cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF PCDDS AND PCDFS IN SOIL SAMPLES - HOUSATONIC RIVER OXBOW AREAS A, B, C, AND J

Notes:

1. Results are presented in dry weight parts per million (ppm).
2. Q = Indicates that coeluting non-dioxin isomers were noted to be present by the analytical laboratory.
3. J = Indicates an estimated concentration below the sample quantitation limit.
4. X = Indicates that a contribution from diphenyl ethers is suspected by the analytical laboratory.
5. ND = Analyte was analyzed for, but not detected.
6. ( ) = Indicates duplicate sample result.
7. NA = Indicates parameter not analyzed.
8. M = Indicates parameter presence was noted, but not at a level which the laboratory could provide a definite identification or quantity.
9. A, B, C, and J series samples analyzed by ChemWest Analytical Laboratories, Inc.
10. OX series samples analyzed by Alta Analytical Laboratory, Inc., El Dorado Hills, CA.

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

SUMMARY OF METALS, SULFIDE, CYANIDE, AND TOC DETECTED IN SOIL SAMPLES -

HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

	Oxbow A			Oxbow B				Oxbow C			Oxbow J	
Location	Well A-1	Boring A-2	Well A-3	Well B-1	Well B-2	19-4-14A	19-4-14C	Well C-1	Well C-2	Boring C-3 J	J-1S	J-2S
Depth	22-24'	6-8'	12-14'	4-6'	0-2'	0-6'	0-6'	10-12'	12-14'	2-4'	0-4'	0-4'
Parameter / Sample Date	11/91	11/91	1/92	12/91	11/91	8/92	8/92	11/91	11/91	12/91	12/91	12/91
Aluminum	5,590E	6,120	4,980*	6,950 (7,790)	5,220	NA	NA	6,550	6,330 (9,850)	8,840	9,730*	5,670*
Antimony	4.3JN	4.2JN	ND	4.4JN	ND	NA	NA	ND	ND (ND)	ND	8.9JN	10.5JN
Arsenic	5.8QN	6.5QN	5.7Q*	6.6AN (4.8AN)	5.1AN	NA	NA	4.3	3.6 (4.8)	4.9N	9.4Q	21.9A
Barium	24.1E	27.6	18.4J*	91.1 (68.1)	37.7	NA	NA	36.5	17.4J (29.6J)	40.7	57.3	41.5J
Beryllium	ND	0.29J	0.15J	0.33J (0.41J)	0.21J	NA	NA	0.19J	0.15J (0.22J)	0.28J	0.39J	ND
Cadmium	ND	ND	ND	0.63 (ND)	0.80	NA	NA	ND	ND (ND)	ND	ND	ND
Calcium	51,600E	57,400	15,100*	16,100 (3,310)	8,340	NA	NA	17,200*	8,050* (12,400*)	23,100	6,750E	9,570E
Chromium	7.5*	6.7	7.0*	15.1 (13.4)	13.1	NA	NA	9.1	8.3 (12)	8.6	17.2	41
Cobalt	5.2J	7.0	6.1	7.9 (8.8)	5.1J	NA	NA	6.6	6.6 (10.2)	7.4	9.5J	9.4J
Copper	13	19.6	19.8	333 (62.6)	36.5	NA	NA	287N*	15.3N* (18N*)	123	30.8N	95.6N
Iron	15,100E*	17,400E	12,500	19,800E (15,200E)	11,400E	NA	NA	16,100E	15,400E (20,700E)	21,200E	19,600*	68,700*
Lead	21.1Q*	16.3	28.8	285N (97.5N)	94.2N	NA	NA	104N	28.9A (33.3A)	26.8	97.8*	121*
Magnesium	15,100	32,900	8,650*	4,000 (4,280)	5,950	NA	NA	9,560*	4,820* (5,740*)	14,000	5,980	7,150
Manganese	226E	446	376*	379 (273)	190	NA	NA	351	223 (208)	430	517N*	854N*
Mercury	ND	0.18N*	ND	0.37N* (0.23N*)	0.61N*	NA	NA	ND	ND (ND)	ND	0.20	0.60
Nickel	9.3	14.2	11.3	23.1 (15.6)	11.1	NA	NA	12.6	13.1 (17.7)	16.4	17.7	43.8
Potassium	207J	646	331J	599 (637)	571	NA	NA	435J	404J (534J)	772	1,070J	393J
Selenium	0.46JWN	0.36JWN	ND	ND (0.41JN)	0.38JN	NA	NA	ND	ND (ND)	ND	ND	ND
Silver	ND	ND	ND	1.1J* (3.8*)	0.77J*	NA	NA	ND	ND (ND)	ND	ND	ND
Sodium	135J	119J	97.6J	159J (168J)	90.5J	NA	NA	111J	102J (187J)	101J	145J	120J
Vanadium	6.6	10	6.9*	13.9 (15.8)	10.5	NA	NA	11.5	7.7 (11.1)	14	20.3	14.1
Zinc	43.5EN*	52.4E	38.8*	342E (118E)	135E	NA	NA	107E	51.4E (79.8E)	67.3E	126	164
Sulfide	ND	ND	ND	ND (ND)	ND	NA	NA	92.4	25.4 (34.1)	ND	ND	65
Cyanide	ND	ND	ND	ND (ND)	ND	NA	NA	ND	ND (ND)	ND	1.3	120
TOC	NA	NA	NA	NA	NA	14,000	13,000	NA	NA	NA	NA	NA

(See Notes on Page 3)

TABLE 4-9
(CONT'D)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A,B,C,J AND K

SUMMARY OF METALS, SULFIDE, CYANIDE, AND TOC DETECTED IN SOIL SAMPLES - HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

Location	Oxbow J								Oxbow K	
	J-3S	J-4S	OX-J-SS1	OX-J-SS2	OX-J-SS3	OX-J-SS4	OX-J-SS5	OX-J-SS6	Boring K-1	Boring K-2
Depth	0-4'	0-4'	0-4'	0-4'	0-4'	0-4'	0-4'	0-4'	14-16'	8-10'
Parameter Sample Date	12/91	12/91	9/94	9/94	9/94	9/94	9/94	9/94	2/91	2/91
Aluminum	5,500	10,100*	NA	NA	NA	NA	NA	NA	4,200	2,900
Antimony	ND	11.1JN	NA	NA	NA	NA	NA	NA	ND	ND
Arsenic	5.5A	9.5	NA	NA	NA	NA	NA	NA	2.0	ND
Barium	28.0J	66.8	NA	NA	NA	NA	NA	NA	ND	ND
Beryllium	ND	0.30J	NA	NA	NA	NA	NA	NA	ND	ND
Cadmium	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND
Calcium	8,240E	18,100E	NA	NA	NA	NA	NA	NA	17,000	ND
Chromium	7.7	17.8	NA	NA	NA	NA	NA	NA	3.2	4.2
Cobalt	5.6J	14.8J	NA	NA	NA	NA	NA	NA	ND	ND
Copper	12.0N	58.8N	NA	NA	NA	NA	NA	NA	11	ND
Iron	14,400*	44,200*	NA	NA	NA	NA	NA	NA	12,000	7,400
Lead	13.5*	195*	NA	NA	NA	NA	NA	NA	ND	ND
Magnesium	4,590	11,500	NA	NA	NA	NA	NA	NA	9,800	1,300
Manganese	214N*	987N*	NA	NA	NA	NA	NA	NA	300	56
Mercury	ND	0.21	NA	NA	NA	NA	NA	NA	ND	ND
Nickel	9.9	27.9	NA	NA	NA	NA	NA	NA	9.3	ND
Potassium	969J	1,120J	NA	NA	NA	NA	NA	NA	ND	ND
Selenium	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND
Silver	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND
Sodium	166J	174J	NA	NA	NA	NA	NA	NA	ND	ND
Vanadium	11.6	27.3	NA	NA	NA	NA	NA	NA	5.9	ND
Zinc	33	266	NA	NA	NA	NA	NA	NA	38	19
Sulfide	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOC	NA	NA	30,900	12,900	22,200	32,300	11,600 (133,300)	21,500	NA	NA

(See Notes on Page 3)

TABLE 4-9
(CONT'D)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE I AND INTERIM PHASE II REPORT FOR FORMER HOUSATONIC RIVER OXBOW AREAS A,B,C,J AND K

SUMMARY OF METALS, SULFIDE, CYANIDE, AND TOC DETECTED IN SOIL SAMPLES - HOUSATONIC RIVER OXBOW AREAS A, B, C, J, AND K

Notes:

1. Concentrations reported in parts per million-dry weight (ppm). Only detected analytes are shown.
2. A - Indicates spike recoveries are outside the range of 85% to 115%. Reported results is produced from a singe-point method-of-standard-addition calculation.
3. J - Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).
4. E - Indicates the reported value is estimated because of the presence of interference.
5. N - Indicates the sample matrix spike analysis was outside control limits.
6. Q - Indicates a severe physical or chemical interference in the sample. Result should be regarded as an estimate only.
7. W - Indicates a slight matrix-related interference for the analyte.
8. * - Indicies a non-homogeneous sample matrix in regard to the flagged analyte.
9. ND - Not detected.
10. NA - Parameter not analyzed.
11. A, B, C, J, and K series and OX-series cyanide samples analyzed by CompuChem Laboratories, Inc., Research Triangle Park, NC.
12. OX - series TOC samples analyzed by Quanterra Environmental Services, Knoxville, TN.

TABLE 4-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PESTICIDES/HERBICIDES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft):	E-3 (0-2)	E-4 (0-2)	E-5 (6-8)	E-6 (0-2)	E-7 (4-6)	E-8 (18-20)	LS-7 (14-16)	LS-8 (16-18)	LS-9 (14-16)
Date:	08/09/95	08/09/95	08/10/95	08/16/95	08/07/95	08/09/95	09-10/90	09-10/90	09-10/90
Aldrin	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	0.017D	150DJ	ND(0.011)
Alpha-BHC	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	ND(0.011)
Beta-BHC	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	0.021
Delta-BHC	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	ND(0.011)
Lindane	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	ND(0.011)
Chlordane	ND(0.96)	ND(0.2)	ND(0.018)	ND(0.2)	ND(0.02)	ND(0.026)	ND(0.11)	ND(190)	ND(0.11)
4,4'-DDD	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
4,4'-DDE	ND(0.096)	0.014 J	ND(0.0018)	0.019 J	ND(0.002)	ND(0.0026)	ND(0.021)	ND(370)	ND(0.022)
4,4'-DDT	0.62	0.082	ND(0.0018)	0.03	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Dieldrin	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Endosulfan I	0.065 J	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(190)	0.059D
Endosulfan II	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Endosulfan Sulfate	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Endrin	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Endrin Aldehyde	ND(0.096)	0.019 J	ND(0.0018)	0.016 J	ND(0.002)	ND(0.0026)	ND(0.021)	ND(37)	ND(0.022)
Heptachlor	ND(0.096)	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	ND(0.011)
Heptachlor Epoxide	0.15	ND(0.02)	ND(0.0018)	ND(0.02)	ND(0.002)	ND(0.0026)	ND(0.011)	ND(19)	ND(0.011)
Kepone	ND(1.8)	ND(0.37)	ND(0.035)	ND(0.37)	ND(0.038)	ND(0.049)	ND(0.021)	ND(37)	ND(0.022)
Methoxychlor	ND(0.19)	ND(0.039)	ND(0.0037)	ND(0.039)	ND(0.004)	ND(0.0052)	ND(0.11)	ND(190)	ND(0.11)
Toxaphene	ND(3.8)	ND(0.78)	ND(0.073)	ND(0.78)	ND(0.079)	ND(0.1)	ND(0.21)	ND(370)	ND(0.22)
Dinoseb	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(4.4)	ND(3.9)	ND(4.7)

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TABLE 4-2
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PESTICIDES/HERBICIDES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft):	LS-10 (10-12)	LS-11 (10-12)	LS-26 (10-12)	LS-27 (2-4)	LS-28 (10-12)	LS-29 (10-12)	LS-30 (14-16)	LS-31 (18-20)	LS-32* (2-4)
Date:	09-10/90	09-10/90	08/10/95	08/11/95	08/14/95	08/08/95	08/14/95	08/15/95	10/12/94
Aldrin	ND(0.0088)	170DJ	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	
Alpha-BHC	ND(0.0088)	ND(24)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	ND
Beta-BHC	ND(0.0088)	ND(24)	ND(0.0021)	ND(0.019)	0.0017	0.001J	ND(3.4)	ND(0.52)	
Delta-BHC	ND(0.0088)	ND(24)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	ND
Lindane	ND(0.0088)	ND(24)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	0.48 J	ND
Chlordane	ND(0.088)	ND(240)	ND(0.021)	ND(0.19)	ND(0.017)	ND(0.019)	ND(34)	ND(5.2)	
4,4'-DDD	ND(0.018)	ND(48)	ND(0.0021)	ND(0.019)	0.00094	ND(0.0019)	ND(3.4)	0.44 J	ND
4,4'-DDE	ND(0.018)	ND(48)	ND(0.0021)	ND(0.019)	0.0041	0.0012 J	26	4.1	
4,4'-DDT	ND(0.018)	ND(48)	ND(0.0021)	0.06	0.003	ND(0.0019)	12	2.8	
Dieldrin	ND(0.018)	ND(48)	ND(0.0021)	0.056	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	
Endosulfan I	ND(0.0088)	ND(24)	ND(0.0021)	0.024	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	
Endosulfan II	ND(0.018)	ND(48)	ND(0.0021)	0.029	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	
Endosulfan Sulfate	ND(0.018)	ND(48)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	ND(0.52)	
Endrin	ND(0.018)	ND(48)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	3.4	0.72	
Endrin Aldehyde	ND(0.018)	ND(48)	ND(0.0021)	ND(0.019)	0.012	ND(0.0019)	11	1.9	
Heptachlor	ND(0.0088)	ND(24)	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)	ND(3.4)	0.91	ND
Heptachlor Epoxide	ND(0.0088)	ND(24)	ND(0.0021)	0.015 J	0.0012	ND(0.0019)	10.9	2.2	
Kepone	ND(0.018)	ND(48)	ND(0.040)	ND(0.35)	ND(0.032)	ND(0.035)	ND(64)	ND(9.7)	
Methoxychlor	ND(0.088)	ND(240)	ND(0.0043)	ND(0.038)	ND(0.0034)	ND(0.0037)	ND(6.8)	ND(1.0)	
Toxaphene	ND(0.18)	ND(480)	ND(0.084)	ND(0.74)	ND(0.067)	ND(0.074)	ND(134)	ND(20)	
Dinoseb	ND(2.2)	ND(10)	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)	0.055JP

(See Notes on Page 5 of 5)

TABLE 4-2
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PESTICIDES/HERBICIDES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-33*	LS-34	LS-35	LS-36	LS-37	LS-38	LS-39	LS-40	LS-42
Depth (ft):	(16-18)	(22-24)	(12-14)	(16-18)	(6-8)	(16-18)	(10-12)	(10-12)	(20-22)
Date:	10/12/94	12/14/95	08/15/95	08/07/95	08/08/95	08/14/95	08/10/95	08/10/95	04/23/96
Aldrin		ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Alpha-BHC	0.0021	ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Beta-BHC		ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Delta-BHC	0.00059JP	ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Lindane	0.0041P	ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Chlordane		ND(100)	ND(41)	ND(0.022)	ND(0.018)	ND(0.017)	ND(0.021)	ND(0.021)	ND(0.0018)
4,4'-DDD	0.015P	ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
4,4'-DDE		46	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
4,4'-DDT		22	7.6	0.0014 J	0.0012 J	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Dieldrin		ND(10)	ND(4.1)	0.0016 J	0.002	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Endosulfan I		ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Endosulfan II		ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Endosulfan Sulfate		ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Endrin		ND(10)	ND(4.1)	0.0026	0.0036	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Endrin Aldehyde		15	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0036)
Heptachlor	0.0066P	ND(10)	ND(4.1)	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Heptachlor Epoxide		ND(10)	15	ND(0.0022)	ND(0.0018)	ND(0.0017)	ND(0.0021)	ND(0.0021)	ND(0.0018)
Kepone		ND(190)	ND(77)	ND(0.042)	ND(0.035)	ND(0.032)	ND(0.039)	ND(0.039)	ND(0.036)
Methoxychlor		ND(19)	ND(8.2)	ND(0.0044)	ND(0.0037)	ND(0.0034)	ND(0.0041)	ND(0.0041)	ND(0.018)
Toxaphene		ND(400)	ND(160)	ND(0.087)	ND(0.073)	ND(0.067)	ND(0.081)	ND(0.081)	ND(0.036)
Dinoseb		ND(29)	ND(2.0)	ND(0.39)	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)

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TABLE 4-2
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PESTICIDES/HERBICIDES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft): Date:	LS-43 (22-24) 04/24/96	LS-44 (22-24) 04/24/96	LS-45 (10-12) 04/25/96	LS-SOIL (SURFACE) 09-10/90	LS-C-11 (0-0.5) 08/30/95	LS-C-12 (0-0.5) 08/30/95	LS-C-13 (0-0.5) 08/30/95	LS-C-18 (0-0.5) 08/30/95	LS-GWP-33 (0-0.5) 08/30/95
Aldrin	ND(0.038)	ND(0.002)	ND(0.0022)	ND(3.0)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Alpha-BHC	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.4)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Beta-BHC	ND(0.038)	ND(0.002)	ND(0.0022)	3.0**	ND(0.086)	0.011 J	0.31 J	ND(0.0017)	ND(0.35)
Delta-BHC	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.4)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Lindane	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.4)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Chlordane	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.8)	ND(0.86)	ND(0.17)	ND(3.7)	ND(0.017)	ND(3.5)
4,4'-DDD	0.15	ND(0.0041)	ND(0.0043)	ND(1.0)**	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
4,4'-DDE	0.35	ND(0.0041)	ND(0.0043)	ND(0.4)	ND(0.086)	0.018	0.75	ND(0.0017)	0.18 J
4,4'-DDT	ND(0.075)	ND(0.0041)	ND(0.0043)	ND(2.0)**	ND(0.086)	ND(0.017)	0.63	ND(0.0017)	ND(0.35)
Dieldrin	0.096	ND(0.0041)	ND(0.0043)	ND(0.4)	0.095	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Endosulfan I	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.4)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Endosulfan II	ND(0.075)	ND(0.0041)	ND(0.0043)	ND(0.9)	0.099	0.013 J	ND(0.37)	ND(0.0017)	ND(0.35)
Endosulfan Sulfate	ND(0.075)	ND(0.0041)	ND(0.0043)	ND(0.5)	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Endrin	ND(0.075)	ND(0.0041)	ND(0.0043)	ND(2.0)**	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Endrin Aldehyde	ND(0.075)	ND(0.0041)	ND(0.0043)	ND(0.8)	ND(0.086)	ND(0.017)	ND(0.37)	0.0032	ND(0.35)
Heptachlor	ND(0.038)	ND(0.002)	ND(0.0022)	ND(2.0)**	ND(0.086)	ND(0.017)	ND(0.37)	ND(0.0017)	ND(0.35)
Heptachlor Epoxide	ND(0.038)	ND(0.002)	ND(0.0022)	ND(0.4)	ND(0.086)	0.012 J	ND(0.37)	ND(0.0017)	ND(0.35)
Kepone	ND(0.75)	ND(0.041)	ND(0.043)	ND(3.0)**	ND(1.6)	ND(0.32)	ND(6.9)	ND(0.032)	ND(6.6)
Methoxychlor	ND(0.38)	ND(0.002)	ND(0.022)	ND(2.0)**	ND(0.17)	ND(0.034)	ND(0.73)	ND(0.0034)	ND(0.7)
Toxaphene	ND(0.75)	ND(0.041)	ND(0.043)	ND(0.8)	ND(3.4)	ND(0.68)	ND(14)	ND(0.068)	ND(14)
Dinoseb	ND(0.39)	ND(0.42)	ND(0.89)	ND(2.4)	ND(1.7)	ND(1.7)	ND(1.4)	ND(0.33)	ND(0.34)

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TABLE 4-2
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PESTICIDES/HERBICIDES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-GWP-34							
Depth (ft):	(0-0.5)							
Date:	08/30/95							
Aldrin	ND(0.018) [ND(0.018)]							
Alpha-BHC	ND(0.018) [ND(0.018)]							
Beta-BHC	ND(0.018) [ND(0.018)]							
Delta-BHC	ND(0.018) [ND(0.018)]							
Lindane	ND(0.018) [ND(0.018)]							
Chlordane	ND(0.18) [ND(0.18)]							
4,4'-DDD	ND(0.018) [ND(0.018)]							
4,4'-DDE	0.014 J [0.01 J]							
4,4'-DDT	0.031 [ND(0.018)]							
Dieldrin	0.036 [ND(0.018)]							
Endosulfan I	ND(0.018) [ND(0.018)]							
Endosulfan II	0.017 J [ND(0.018)]							
Endosulfan Sulfate	ND(0.018) [ND(0.018)]							
Endrin	0.073 [ND(0.018)]							
Endrin Aldehyde	ND(0.018) [0.027]							
Heptachlor	ND(0.018) [ND(0.018)]							
Heptachlor Epoxide	ND(0.018) [ND(0.018)]							
Kepone	ND(0.33) [ND(0.33)]							
Methoxychlor	ND(0.035) [ND(0.035)]							
Toxaphene	ND(0.7) [ND(0.7)]							
Dinoseb	ND(0.34) [ND(0.34)]							

NOTES:

1. Samples collected during 9/90 - 10/90 were collected by Geraghty & Miller, Inc., and submitted to IT Analytical Services for pesticide/herbicide analysis.
2. Samples collected during 10/94 were collected by RUST Environment & Infrastructure, Inc., and submitted to CompuChem Environmental Corporation for pesticide/herbicide analysis.
3. Samples collected during 8/95 - 12/95 and 4/96 were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for pesticide/herbicide analysis.
4. NA - Not analyzed.
5. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
6. [ ] - Field duplicate analysis.
7. ** - Higher detection limit due to interference.
8. D - Analysis was performed at a secondary dilution factor.
9. J - Indicates an estimated value less than the CLP - required quantitation limit.
10. P - Pesticide analyte is greater than 25 percent difference for the detected concentration between the two GC columns. The lower of the two values is reported.
11. * - Sample analytical results presented in November 29, 1994 letter report from RUST Environment & Infrastructure to Mr. John D. Ciampa presents compounds with concentrations above laboratory detection limits only. Data is not currently available for remaining compounds.

TABLE 4-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	E-1	E-1	E-2	E-2	E-2	E-2	E-3	E-4	E-5
Depth (ft):	(10-12)	(20-22)	(8-10)	(14-16)	(16-18)	(18-20)	(0-2)	(0-2)	(6-8)
Date:	4/91	4/91	4/91	4/91	4/91	4/91	08/09/95	08/09/95	08/10/95
Acetone	0.053B	0.050B	0.023B	0.019B	0.020B	0.024B	0.011 J	0.015	0.015
Acetonitrile	--	--	--	--	--	--	ND(0.23)	ND(0.24)	ND(0.2)
Benzene	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.008)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
1,2-Dichloroethene	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Carbon Disulfide	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Chlorobenzene	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Chloroform	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
2-Chloroethylvinylether	ND(0.013)	--	ND(0.015)	ND(0.011)	ND0.01)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.01)
Carbon Tetrachloride	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Ethylbenzene	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Methylene Chloride	0.061B	0.047B	0.056B	0.025B	0.026B	0.028B	ND(0.006)	ND(0.006)	ND(0.005)
Methyl Ethyl Ketone	ND0.013)	ND(0.013)	ND(0.015)	ND(0.011)	ND(0.01)	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.01)
4-Methyl-2-Pentanone	ND(0.019)	ND(0.013)	ND(0.023)	ND(0.017)	ND(0.015)	ND(0.019)	ND(0.011)	ND(0.012)	ND(0.01)
Trichloroethene	ND0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
Toluene	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	0.0030 J	ND(0.006)	0.002 J
Tetrachloroethene	ND(0.006)	ND0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)
1,1,2,2-Tetrachloroethane	ND(0.013)	ND(0.013)	ND(0.015)	ND(0.011)	ND(0.01)	ND(0.012)	ND(0.006)	ND(0.006)	ND(0.005)
Vinyl Chloride	ND0.013)	ND(0.013)	ND(0.015)	ND(0.011)	ND(0.01)	ND(0.012)	ND(0.006)	ND(0.006)	ND(0.005)
Xylene(total)	ND(0.006)	ND(0.013)	ND(0.008)	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.005)

Location ID:	E-6	E-7	E-8	LS-2	LS-2	LS-2RE	LS-2	LS-2	LS-4
Depth (ft):	(0-2)	(4-6)	(18-20)	(0-4)	(4-8)	(4-8)	(8-12)	(18-22)	(0-6)
Date:	08/16/95	08/07/95	08/09/95	8/89	8/89	8/89	8/89	8/89	8/89
Acetone	0.018 B	0.012	0.035	--	--	--	--	--	--
Acetonitrile	ND(0.24)	ND(0.22)	ND(0.31)	--	--	--	--	--	--
Benzene	ND(0.006)	ND(0.000)	ND(0.008)	ND(0.005)	ND(0.005)	ND(0.005)	0.019	ND(0.005)	ND(0.005)
1,2-Dichloroethene	ND(0.006)	ND(0.006)	ND(0.008)	--	--	--	--	--	--
Carbon Disulfide	ND(0.006)	ND(0.006)	ND(0.008)	--	--	--	--	--	--
Chlorobenzene	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	ND(0.005)	0.002J	34D	0.031	ND(0.005)
Chloroform	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)
2-Chloroethylvinylether	ND(0.012)	ND(0.011)	ND(0.015)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Carbon Tetrachloride	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	ND(0.005)	ND(0.005)	4.6D	ND(0.005)	ND(0.005)
Ethylbenzene	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	ND(0.005)	ND(0.005)	0.23E	0.005J	ND(0.005)
Methylene Chloride	ND(0.006)	ND(0.006)	ND(0.008)	0.009	0.008	0.006	0.010	0.004J	0.009
Methyl Ethyl Ketone	ND(0.012)	ND(0.011)	0.010 J	--	--	--	--	--	--
4-Methyl-2-Pentanone	ND(0.012)	ND(0.011)	ND(0.015)	--	--	--	--	--	--
Trichloroethene	ND(0.006)	ND(0.006)	ND(0.008)	0.005	0.013	0.014	0.38E	ND(0.005)	ND(0.005)
Toluene	ND(0.006)	ND(0.006)	0.016	0.004J	0.005	0.004J	0.26E	0.002J	0.001J
Tetrachloroethene	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	0.002J	0.002J	0.004J	ND(0.005)	ND(0.005)
1,1,2,2-Tetrachloroethane	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Vinyl Chloride	ND(0.006)	ND(0.006)	ND(0.008)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)
Xylene(total)	ND(0.006)	ND(0.006)	ND(0.008)	--	--	--	--	--	--

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TABLE 4-3
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-4	LS-4	LS-4	LS-7	LS-8	LS-8	LS-8	LS-9	LS-9RE
Depth (ft):	(6-12)	(12-18)	(18-22)	(14-16)	(16-18)	(20-22)	(22-24)	(14-16)	(14-16)
Date:	8/89	8/89	8/89	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90
Acetone	--	--	--	0.01J	ND (1.5)	--	--	0.79J	ND(1.8)
Acetonitrile	--	--	--	0.044J	ND(15)	--	--	ND(18)	ND(18)
Benzene	0.004J	ND(0.62)	ND(0.025)	ND(0.007)	ND(0.74)	ND(2.5)	ND(0.005)	ND(0.74)	ND(0.74)
1,2-Dichloroethene	--	--	--	--	--	--	--	--	--
Carbon Disulfide	--	--	--	ND(0.007)	ND(0.74)	--	--	ND(0.74)	ND(0.74)
Chlorobenzene	12D	5.3	0.011J	ND(0.007)	8.6	3.3	ND(0.005)	1.0	1.3
Chloroform	ND(0.005)	ND(0.62)	ND(0.025)	0.001J	ND(0.74)	ND(2.5)	ND(0.005)	0.26J	ND(0.74)
2-Chloroethylvinylether	ND(0.01)	ND(1.2)	ND(0.05)	ND(0.013)	1.5	ND(5.0)	ND(0.01)	1.5	1.5
Carbon Tetrachloride	ND(0.005)	1.0	0.045	ND(0.007)	ND(0.74)	ND(2.5)	ND(0.005)	ND(0.74)	ND(0.74)
Ethylbenzene	ND(0.005)	ND(0.62)	ND(0.025)	ND(0.007)	0.44J	28	0.08	2.4	3.9
Methylene Chloride	0.014	0.33J	0.034	0.001J	ND(0.74)	0.88J	0.002J	0.42BJ	0.2J
Methyl Ethyl Ketone	--	--	--	ND(0.013)	ND(1.5)	--	--	ND(1.8)	ND(1.8)
4-Methyl-2-Pentanone	--	--	--	0.032	ND(1.5)	--	--	ND(1.8)	ND(1.8)
Trichloroethene	ND(0.005)	ND(0.62)	ND(0.025)	ND(0.007)	ND(0.74)	ND(2.5)	ND(0.005)	ND(0.74)	ND(0.74)
Toluene	0.033	0.26J	0.008J	0.005J	ND(0.74)	1.1J	0.003J	ND(0.74)	ND(0.74)
Tetrachloroethene	0.002J	ND(0.62)	ND(0.025)	ND(0.007)	ND(0.74)	ND(2.5)	ND(0.005)	ND(0.74)	ND(0.74)
1,1,2,2-Tetrachloroethane	ND(0.005)	ND(0.62)	ND(0.025)	ND(0.007)	ND(0.74)	ND(2.5)	ND(0.005)	ND(0.74)	ND(0.74)
Vinyl Chloride	ND(0.01)	ND(1.2)	ND(0.05)	ND(0.013)	ND(1.5)	ND(5.0)	ND(0.01)	ND(1.8)	ND(1.8)
Xylene(total)	--	--	--	ND(0.007)	7.7	--	--	2.2	3.1

Location ID:	LS-9	LS-10	LS-11	LS-11	LS-11	LS-11	LS-11	LS-12	LS-26
Depth (ft):	(16-18)	(10-12)	(8-10)	(10-12)	(12-14)	(14-16)	(16-18)	(20-22)	(10-12)
Date:	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90	08/10/95
Acetone	--	0.01BJ	--	ND(1.9)	--	--	--	--	0.023
Acetonitrile	--	ND(0.11)	--	ND(19)	--	--	--	--	ND(0.24)
Benzene	0.024J	ND(0.005)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	ND(0.025)	ND(0.006)
1,2-Dichloroethene	--	--	--	--	--	--	--	--	ND(.006)
Carbon Disulfide	--	ND(0.005)	--	ND(0.95)	--	--	--	--	ND(0.006)
Chlorobenzene	0.19	ND(0.005)	23	37D	13	11	0.051	ND(0.025)	ND(0.006)
Chloroform	ND(0.025)	0.001BJ	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	0.025BJ	ND(0.006)
2-Chloroethylvinylether	ND(0.05)	ND(0.011)	ND(1.3)	ND(1.9)	ND(1.3)	ND(1.3)	ND(0.01)	ND(0.05)	ND(0.012)
Carbon Tetrachloride	ND(0.025)	ND(0.005)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	0.31	ND(0.006)
Ethylbenzene	0.63	ND(0.005)	ND(0.63)	ND(0.95)	0.23J	0.14J	ND(0.005)	ND(0.25)	ND(0.006)
Methylene Chloride	ND(0.025)	0.004BJ	ND(0.63)	0.25J	0.23J	0.30J	0.004J	0.016BJ	ND(0.006)
Methyl Ethyl Ketone	--	ND(0.011)	--	ND(1.9)	--	--	--	--	ND(0.012)
4-Methyl-2-Pentanone	--	ND(0.011)	--	ND(1.9)	--	--	--	--	ND(0.012)
Trichloroethene	ND(0.025)	ND(0.005)	2.2	0.78J	0.61J	3.5	0.009	0.4	ND(0.006)
Toluene	ND(0.025)	ND(0.005)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	0.018J	ND(0.006)
Tetrachloroethene	ND(0.025)	ND(0.005)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	0.2	ND(0.006)
1,1,2,2-Tetrachloroethane	ND(0.025)	ND(0.005)	ND(0.63)	ND(0.95)	ND(0.63)	ND(0.63)	ND(0.005)	ND(0.025)	ND(0.006)
Vinyl Chloride	ND(0.05)	ND(0.011)	ND(1.3)	ND(1.9)	ND(1.3)	ND(1.3)	ND(0.01)	ND(0.05)	ND(0.006)
Xylene(total)	--	ND(0.005)	--	0.91J	--	--	--	--	ND(0.006)

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TABLE 4-3
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-27	LS-28	LS-29	LS-30	LS-30RE	LS-31	LS-32*	LS-32*	LS-32*
Depth (ft):	(2-4)	(10-12)	(10-12)	(14-16)	(14-16)	(18-20)	(2-4)	(6-8)	(10-12)
Date:	08/11/95	08/14/95	08/08/95	08/14/95	08/14/95	08/15/95	10/12/94	10/12/94	10/12/94
Acetone	0.011 J	0.015 B	0.031	ND(1.5)	ND(1.5)	0.053 BJ			
Acetonitrile	ND(0.23)	ND(0.21)	ND(0.22)	ND(29)	ND(29)	ND(1.1)			
Benzene	ND(0.006)	ND(0.005)	ND(0.006)	0.49 J	0.41 J	0.028	ND	ND	0.007J
1,2-Dichloroethene	ND(0.006)	ND(0.005)	ND(0.006)	0.22 J	0.18 J	ND(0.028)	0.002J	ND	ND
Carbon Disulfide	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	0.017 J			
Chlorobenzene	ND(0.006)	ND(0.005)	ND(0.006)	29	28	0.6	0.002J	0.071J	0.21
Chloroform	0.0050 J	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	0.26			
2-Chloroethylvinylether	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	ND(1.5)	ND(0.055)			
Carbon Tetrachloride	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	0.027 J			
Ethylbenzene	ND(0.006)	ND(0.005)	ND(0.006)	1.6	1.4	ND(0.028)	ND	0.014J	ND
Methylene Chloride	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	ND(0.028)			
Methyl Ethyl Ketone	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	0.7 J	ND(0.055)			
4-Methyl-2-Pentanone	ND(0.011)	ND(0.011)	ND(0.011)	ND(1.5)	ND(1.5)	ND(0.055)			
Trichloroethene	0.18	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	0.014 J	9.8D	3.0D	0.11
Toluene	0.0010 J	ND(0.005)	0.0020 J	0.82	0.77	ND(0.028)			
Tetrachloroethene	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	ND(0.028)	0.001J	ND	ND
1,1,2,2-Tetrachloroethane	ND(0.006)	ND(0.005)	ND(0.006)	ND(0.74)	ND(0.74)	ND(0.028)			
Vinyl Chloride	ND(0.006)	ND(0.000)	ND(0.006)	ND(0.74)	ND(0.74)	ND(0.028)			
Xylene(total)	ND(0.006)	ND(0.005)	ND(0.006)	20	17	0.54 B	ND	ND	0.002J

Location ID:	LS-32*	LS-32*	LS-32*	LS-33*	LS-33*	LS-33*	LS-34	LS-35	LS-36
Depth (ft):	(12-14)	(14-16)	(16-18)	(6-8)	(14-16)	(16-18)	(22-24)	(12-14)	(16-18)
Date:	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	12/14/95	08/15/95	08/07/95
Acetone							ND(0.054)	0.37 BJ	0.027
Acetonitrile							ND(1.1)	ND(30)	ND(0.25)
Benzene	0.007J	0.008J	0.005J	ND	ND	ND	ND(0.027)	ND(0.75)	ND(0.006)
1,2-Dichloroethene	ND	0.002J	ND	ND	ND	ND	ND(0.027)	ND(0.75)	ND(0.006)
Carbon Disulfide							ND(0.027)	ND(0.75)	ND(0.006)
Chlorobenzene	0.29	0.52D	0.11D	ND	3.5	3.5	0.010 J	16	ND(0.006)
Chloroform							0.12	ND(0.75)	0.0020 J
2-Chloroethylvinylether							ND(0.054)	ND(1.5)	ND(0.012)
Carbon Tetrachloride							0.87	ND(0.75)	ND(0.006)
Ethylbenzene	0.002J	0.024	ND	ND	0.2J	0.17	0.030	ND(0.75)	ND(0.006)
Methylene Chloride							ND(0.027)	ND(0.75)	ND(0.006)
Methyl Ethyl Ketone							ND(0.054)	ND(1.5)	ND(0.012)
4-Methyl-2-Pentanone							ND(0.054)	ND(1.5)	ND(0.012)
Trichloroethene	0.016J	0.098D	0.410D	ND	ND	ND	0.69	ND(0.75)	ND(0.006)
Toluene	ND	0.007J	ND	ND	ND	ND	0.009J	ND(0.75)	0.0020J
Tetrachloroethene							0.027	ND(0.75)	ND(0.006)
1,1,2,2-Tetrachloroethane							ND(0.027)	ND(0.75)	ND(0.006)
Vinyl Chloride							ND(0.027)	ND(0.75)	ND(0.006)
Xylene(total)	0.006J	0.1	0.006J	ND	1.1J	1.2J	0.65	ND(0.75)	ND(0.006)

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TABLE 4-3
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-37	LS-38	LS-39	LS-40	LS-42	LS-43	LS-44	LS-45	LS-SOIL
Depth (ft):	(6-8)	(16-18)	(10-12)	(10-12)	(20-22)	(22-24)	(22-24)	(10-12)	(SURFACE)
Date:	08/08/95	08/14/95	08/10/95	08/10/95	04/23/96	04/24/96	04/24/96	04/25/96	09-10/90
Acetone	0.022	0.079 B	0.010 J	0.013	0.009J	ND(1.5)	0.04	0.053	ND(0.01)
Acetonitrile	ND(0.22)	ND(1.2)	ND(0.23)	ND(0.23)	ND(0.23)	ND(29)	ND(0.26)	ND(0.27)	ND(0.1)
Benzene	ND(0.005)	0.1	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	ND(0.005)
1,2-Dichloroethene	ND(0.005)	0.019 J	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	ND(0.005)
Carbon Disulfide	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	ND(0.005)
Chlorobenzene	ND(0.005)	0.95	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	0.021
Chloroform	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	6.6	ND(0.006)	ND(0.007)	ND(0.005)
2-Chloroethylvinylether	ND(0.011)	ND(0.06)	ND(0.012)	ND(0.011)	ND(0.011)	ND(1.5)	ND(0.013)	ND(0.014)	ND(0.01)
Carbon Tetrachloride	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	2.7	ND(0.006)	ND(0.007)	ND(0.005)
Ethylbenzene	ND(0.005)	0.023 J	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	0.036	ND(0.005)
Methylene Chloride	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	0.009
Methyl Ethyl Ketone	ND(0.011)	ND(0.06)	ND(0.012)	0.0010 J	ND(0.011)	ND(1.5)	ND(0.013)	ND(0.014)	ND(0.01)
4-Methyl-2-Pentanone	ND(0.011)	ND(0.06)	ND(0.012)	ND(0.011)	ND(0.011)	ND(1.5)	ND(0.013)	ND(0.014)	ND(0.01)
Trichloroethene	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	2.3	ND(0.006)	ND(0.007)	ND(0.005)
Toluene	0.0040 J	ND(0.03)	0.0030 J	0.0030 J	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	ND(0.005)
Tetrachloroethene	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	0.19J	ND(0.006)	ND(0.007)	ND(0.005)
1,1,2,2-Tetrachloroethane	ND(0.005)	ND(0.03)	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	0.005
Vinyl Chloride	ND(0.005)	0.011 J	ND(0.006)	ND(0.006)	ND(0.006)	ND(0.74)	ND(0.006)	ND(0.007)	ND(0.01)
Xylene(total)	ND(0.005)	0.13 B	ND(0.006)	ND(0.006)	ND(0.006)	1.7X	ND(0.006)	0.023X	ND(0.005)

Location ID:	LS-C-11	LS-C-12	LS-C-13	LS-C-18	LS-GWP-33	LS-GWP-34		LS-GWP-34 RE	
Depth (ft):	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)		(0-0.5)	
Date:	08/30/95	08/30/95	08/30/95	08/30/95	08/30/95	08/30/95		08/30/95	
Acetone	0.046 B	0.050 B	0.053 B	0.031 B	0.028 B	0.033 B	[0.064 B]	0.078 B	
Acetonitrile	ND(0.2)	ND(0.21)	ND(0.23)	ND(0.21)	ND(0.21)	ND(0.2)	[ND(0.21)]	ND(0.2)	
Benzene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
1,2-Dichloroethene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Carbon Disulfide	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Chlorobenzene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Chloroform	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
2-Chloroethylvinylether	ND(0.01)	ND(0.011)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.01)	[ND(0.011)]	ND(0.01)	
Carbon Tetrachloride	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Ethylbenzene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Methylene Chloride	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Methyl Ethyl Ketone	ND(0.01)	ND(0.011)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.01)	[ND(0.011)]	ND(0.01)	
4-Methyl-2-Pentanone	ND(0.01)	ND(0.011)	ND(0.011)	ND(0.01)	ND(0.01)	ND(0.01)	[ND(0.011)]	ND(0.01)	
Trichloroethene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Toluene	0.0020 J	0.008	0.0010 J	0.002 J	0.012	0.003 J	[0.0030 J]	0.002 J	
Tetrachloroethene	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
1,1,2,2-Tetrachloroethane	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Vinyl Chloride	ND(0.005)	ND(0.005)	ND(0.006)	ND(0.005)	ND(0.005)	ND(0.005)	[ND(0.005)]	ND(0.005)	
Xylene(total)	ND(0.005)	0.003 J	ND(0.006)	ND(0.005)	0.003 JX	ND(0.005)	[0.001 JX]	ND(0.005)	

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TABLE 4-3
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 VOLATILES DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

NOTES:

1. Samples collected during 8/89, 9/90 - 10/90 were collected by Geraghty & Miller, Inc., and submitted to IT Analytical Services for VOC analysis.
2. Samples collected during 4/91 were collected by Geraghty & Miller, Inc., and submitted to CompuChem Environmental Services for VOC analysis.
3. Samples collected during 10/94 were collected by Rust Environment & Infrastructure, Inc., and submitted to CompuChem Environmental Services for VOC analysis.
4. Samples collected during 8/95 - 12/95 and 4/96 were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for VOC analysis.
5. -- = Data not reported by laboratory.
6. NA - Not analyzed.
7. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
8. [ ] - Field duplicate analysis.
9. J - Indicates an estimated value less than the CLP - required quantitation limit.
10. D - Analysis was performed at a secondary dilution factor.
11. B - Indicates the compound was found in the associated blank as well as in the sample.
12. E - Compound exceeded calibration range.
13. X - Data has been manually integrated.
14. RE = Reanalysis
15. * - Sample analytical results presented in November 29, 1994 letter report from RUST Environment & Infrastructure to Mr. John D. Clampa presents compounds with concentrations above laboratory detection limits only. Data is not currently available for remaining compounds.

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

Location ID:	E-1	E-1	E-2	E-3RE	E-4	E-5RE	E-6	E-7	E-8RE	LS-2	LS-2
Depth (ft):	(10-12)	(20-22)	(8-10)	(0-2)	(0-2)	(6-8)	(0-2)	(4-6)	(18-20)	(0-4)	(4-8)
Date:	4/91	4/91	4/91	08/09/95	08/09/95	08/10/95	08/16/95	08/07/95	08/09/95	8/89	8/89
Acenaphthene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
Acenaphthylene	ND(0.41)	ND(0.44)	ND(0.5)	1.1	1.2	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	6.1J	0.61J
Acetophenone	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Aniline	ND(0.41)	ND(0.44)	0.12J	3.9	2.4	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Anthracene	ND(0.41)	ND(0.44)	ND(0.5)	0.47	0.52	0.077J	0.062 J	ND(0.39)	ND(0.5)	5.3J	0.49J
Benzo(b)Fluoranthene	0.22J	ND(0.44)	0.42J	2.3	3.5	0.23J	0.24 J	ND(0.39)	ND(0.5)	5.3J	0.54J
Butyl Benzyl Phthalate	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Benzo(a)Anthracene	0.082J	ND(0.44)	0.14J	2.2	3.4	0.19J	0.26 J	ND(0.39)	ND(0.5)	8.2	1.2J
Dibenzofuran	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	0.19 J	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Benzidine	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(39)	ND(9.8)
Benzo(ghi)Perylene	ND(0.41)	ND(0.44)	0.17J	1.2	0.83	0.16J	0.18 J	ND(0.39)	ND(0.5)	3.2J	0.33J
Benzo(a)Pyrene	0.083J	0.49	0.21J	3.3	2.5	0.19J	0.24 J	ND(0.39)	0.96	5.0J	0.43J
Benzo(k)Fluoranthene	0.22J	ND(0.44)	0.42J	1.8	2.4	0.17J	0.27 J	ND(0.39)	ND(0.5)	4.4J	0.48J
Di-n-Butyl Phthalate	ND(0.41)	ND(0.44)	ND(0.5)	0.48B	0.48 B	0.2BJ	0.12 BJ	0.12 BJ	0.28BJ	ND(7.8)	0.66J
Dibenz(a,h)Anthracene	ND(0.41)	ND(0.44)	ND(0.5)	0.38	0.50	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	1.4J	ND(2.0)
Chrysene	0.11J	ND(0.44)	0.2J	2.7	4.3	0.24J	0.37 J	ND(0.39)	ND(0.5)	7.4J	0.85J
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	0.33J
3,3-Dichlorobenzidine	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)	ND(0.78)	ND(1.0)	ND(16)	ND(3.9)
Bis(2-Ethylhexyl)Phthalate	0.16J	0.055J	0.18J	0.14J	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	0.38J
Ethyl Methanesulfonate	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Fluoranthene	0.11J	ND(0.44)	0.27J	2.6	3.5	0.36	0.53	ND(0.39)	ND(0.5)	17	ND(2.0)
Fluorene	ND(0.41)	ND(0.44)	ND(0.5)	0.13J	0.47	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	2.5J	0.53J
Hexachloroethane	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
Indeno(1,2,3-cd)Pyrene	ND(0.41)	ND(0.44)	0.13J	1.1	0.89	0.14J	0.15 J	ND(0.39)	ND(0.5)	2.6J	0.28J
1,3-Dichlorobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
1-Methylnaphthalene	ND(0.41)	ND(0.44)	ND(0.5)	--	--	--	--	--	--	--	--
2-Methylnaphthalene	ND(0.41)	ND(0.44)	ND(0.5)	0.27J	0.16 J	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Naphthalene	ND(0.41)	ND(0.44)	ND(0.5)	0.087J	0.068 J	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
Nitrobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
n-Nitrosodiphenylamine	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
5-Nitro-o-toluidine	ND(0.82)	ND(0.88)	ND(0.99)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--
Di-n-Octyl Phthalate	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	0.18 J	ND(0.5)	ND(7.8)	ND(2.0)
1,2-Dichlorobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
1,4-Dichlorobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
Phenanthrene	0.058J	ND(0.44)	0.15J	1.2	0.93	0.31J	0.31 J	ND(0.39)	ND(0.5)	21	2.8
Phenol	ND(0.41)	ND(0.44)	0.061J	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	ND(7.8)	ND(2.0)
Phenols(TOTAL)	ND(0.13)	ND(0.15)	--	--	--	--	--	--	--	--	--
Pyrene	0.11J	ND(0.44)	0.22J	3.6	4.6	0.32J	0.62	ND(0.39)	ND(0.5)	18	ND(2.0)
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.44)	ND(0.5)	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)	ND(0.39)	ND(0.5)	--	--

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TABLE 4-4
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

Location ID: Depth (ft):	LS-2 (8-12)	LS-2 (18-22)	LS-4 (0-6)	LS-4 (6-12)	LS-4 (12-18)	LS-4 (18-22)	LS-7 (14-16)	LS-8 (16-18)	LS-9 (14-16)	LS-10 (10-12)	LS-11 (10-12)
Date:	8/89	8/89	8/89	8/89	8/89	8/89	09-10/90	09-10/90	09-10/90	09-10/90	09-10/90
Acenaphthene	5.8J	ND(0.97)	ND(4.0)	1.1J	1.3J	0.2J	ND(2.2)	3.7	47D	ND(1.1)	ND(4.9)
Acenaphthylene	ND(16)	ND(0.97)	6.4	4.6	1.7J	0.36J	0.35J	0.69J	5.7	ND(1.1)	ND(4.9)
Acetophenone	--	--	--	--	--	--	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Aniline	--	--	--	--	--	--	ND(11)	ND(10)	ND(12)	ND(5.6)	ND(25)
Anthracene	5.8J	ND(0.97)	5.2	5.3	3.4	0.69J	0.25J	ND(1.9)	33	ND(1.1)	ND(4.9)
Benzo(b)Fluoranthene	ND(16)	ND(0.97)	4.9	5.8	1.9J	0.32J	0.44J	1.1J	5.5	ND(1.1)	1.0J
Butyl Benzyl Phthalate	--	--	--	--	--	--	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Benzo(a)Anthracene	ND(16)	ND(0.97)	9.0	10	3.8	0.66J	0.52J	ND(1.9)	17	ND(1.1)	ND(4.9)
Dibenzofuran	--	--	--	--	--	--	ND(2.2)	0.77J	1.9J	ND(1.1)	ND(4.9)
Benzidine	ND(79)	ND(4.9)	ND(20)	ND(19)	ND(14)	ND(4.9)	ND(11)	ND(9.4)	ND(11)	ND(5.2)	ND(24)
Benzo(ghi)Perylene	ND(16)	ND(0.97)	4.3	2.9J	1.2J	0.26J	ND(2.2)	ND(1.9)	4.7	ND(1.1)	ND(4.9)
Benzo(a)Pyrene	ND(16)	ND(0.97)	5.0	4.0	2.4J	0.59J	0.42J	1.3J	13	ND(1.1)	ND(4.9)
Benzo(k)Fluoranthene	ND(16)	ND(0.97)	5.6	4.3	1.6J	0.36J	0.53J	1.1J	10	ND(1.1)	0.62J
Di-n-Butyl Phthalate	ND(16)	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	0.13J	ND(4.9)
Dibenz(a,h)Anthracene	ND(16)	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Chrysene	4.6J	ND(0.97)	7.3	6.8	3.0	ND(0.98)	0.60J	2.4	15	ND(1.1)	ND(4.9)
1,2,4-Trichlorobenzene	300D	ND(0.97)	ND(4.0)	ND(3.9)	1.7J	0.92J	ND(2.2)	0.43J	ND(2.3)	ND(1.1)	89E
3,3-Dichlorobenzidine	ND(32)	ND(1.9)	ND(8.0)	ND(7.8)	ND(5.8)	ND(2.0)	ND(4.4)	ND(3.9)	ND(4.6)	ND(2.2)	ND(9.9)
Bis(2-Ethylhexyl)Phthalate	ND(16)	0.31J	ND(4.0)	0.65J	0.43J	0.12J	0.76J	1.8	1.0J	0.42J	ND(4.9)
Ethyl Methanesulfonate	--	--	--	--	--	--	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Fluoranthene	ND(16)	ND(0.97)	20	18	5.7	1.1	0.93J	ND(1.9)	31	ND(1.1)	ND(4.9)
Fluorene	3.8J	ND(0.97)	2.6J	3.1J	3.2	0.84J	ND(2.2)	2.5	24	ND(1.1)	ND(4.9)
Hexachloroethane	ND(16)	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Indeno(1,2,3-cd)Pyrene	ND(16)	ND(0.97)	3.3J	2.3J	0.96J	0.19J	0.26J	0.46J	3.9	ND(1.1)	ND(4.9)
1,3-Dichlorobenzene	32	ND(0.97)	ND(4.0)	0.76J	ND(2.9)	ND(0.98)	ND(2.2)	2.8	0.29J	ND(1.1)	ND(4.9)
1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	--	--	--	--	ND(2.2)	8.6	32	ND(1.1)	1.0J
Naphthalene	21	ND(0.97)	ND(4.0)	0.66J	26	5.9	ND(2.2)	3.8	91D	ND(1.1)	0.93J
Nitrobenzene	2.1J	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
n-Nitrosodiphenylamine	ND(16)	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	1.9J	ND(1.1)	ND(4.9)
5-Nitro-o-toluidine	--	--	--	--	--	--	ND(4.4)	ND(3.9)	ND(4.7)	ND(2.2)	ND(10)
Di-n-Octyl Phthalate	ND(16)	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
1,2-Dichlorobenzene	3.7J	ND(0.97)	ND(4.0)	ND(3.9)	ND(2.9)	ND(0.98)	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	1.4J
1,4-Dichlorobenzene	220	ND(0.97)	ND(4.0)	4.0	1.4J	ND(0.98)	ND(2.2)	2.2	ND(2.3)	ND(1.1)	1.3J
Phenanthrene	20	ND(0.97)	23	24	13	3.5	0.94J	15	110D	ND(1.1)	ND(4.9)
Phenol	ND(16)	ND(0.97)	--	--	--	--	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	ND(4.9)
Phenols(TOTAL)	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23	ND(0.97)	18	15	7.6	1.9	1.4J	ND(1.9)	80D	ND(1.1)	ND(4.9)
1,2,4,5-Tetrachlorobenzene	--	--	--	--	--	--	ND(2.2)	ND(1.9)	ND(2.3)	ND(1.1)	1.7J

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TABLE 4-4
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

Location ID: Depth (ft):	LS-26 (10-12)	LS-27 (2-4)	LS-28 (10-12)	LS-29 (10-12)	LS-30 (14-16)	LS-31 (18-20)	LS-32* (2-4)	LS-33* (16-18)	LS-34 (22-24)	LS-35 (12-14)	LS-36 (16-18)
Date:	08/10/95	08/11/95	08/14/95	08/08/95	08/14/95	08/15/95	10/12/94	10/12/94	12/14/95	08/15/95	08/07/95
Acenaphthene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	7.4 J	ND	0.510J	ND(29)	ND(2.0)	ND(0.39)
Acenaphthylene	ND(0.41)	1.9 J	0.065 J	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
Acetophenone	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)	ND	0.090J	ND(29)	ND(2.0)	ND(0.39)
Aniline	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)	0.750J	ND	ND(29)	ND(2.0)	ND(0.39)
Anthracene	0.16 J	3.0	0.073 J	0.15 J	ND(0.39)	15	0.430J	0.310J	29	ND(2.0)	ND(0.39)
Benzo(b)Fluoranthene	0.082 J	5.7	0.13 J	0.87	ND(0.39)	7.9 J			ND(29)	ND(2.0)	0.11 J
Butyl Benzyl Phthalate	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
Benzo(a)Anthracene	0.12 J	8.8	0.14 J	0.76	ND(0.39)	14	2.50J	0.140J	ND(29)	ND(2.0)	0.14 J
Dibenzofuran	ND(0.41)	0.64 J	ND(0.37)	ND(0.36)	ND(0.39)	9.0	ND	0.083J	ND(29)	ND(2.0)	ND(0.39)
Benzidine	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
Benzo(ghi)Perylene	ND(0.41)	4.0	ND(0.37)	0.32 J	ND(0.39)	5.2 J	1.50J	ND	ND(29)	ND(2.0)	ND(0.39)
Benzo(a)Pyrene	ND(0.41)	5.5	ND(0.37)	0.74	ND(0.39)	8.4	2.10J	0.056J	ND(29)	ND(2.0)	0.14 J
Benzo(k)Fluoranthene	0.086 J	4.2	0.12 J	0.60	ND(0.39)	7.3 J	5.80J	0.240J	ND(29)	ND(2.0)	0.12 J
Di-n-Butyl Phthalate	0.18 BJ	ND(2.2)	0.11 BJ	0.22 BJ	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	0.088 BJ
Dibenz(a,h)Anthracene	ND(0.41)	1.6 J	ND(0.37)	0.16 J	ND(0.39)	2.8 J	0.39J	ND	ND(29)	ND(2.0)	ND(0.39)
Chrysene	0.16 J	9.8	0.17 J	1.0	ND(0.39)	14	2.20J	0.120J	ND(29)	ND(2.0)	0.26 J
1,2,4-Trichlorobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	4.7	7.0 J	3.10J	ND	140	ND(2.0)	ND(0.39)
3,3-Dichlorobenzidine	ND(0.82)	ND(4.4)	ND(0.75)	ND(0.73)	ND(0.78)	ND(16)			ND(58)	ND(4.0)	ND(0.78)
Bis(2-Ethylhexyl)Phthalate	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)	1.20J	0.140J	ND(29)	ND(2.0)	ND(0.39)
Ethyl Methanesulfonate	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
Fluoranthene	0.19 J	21	0.20 J	1.4	ND(0.39)	43	3.30J	0.360J	ND(29)	ND(2.0)	0.30 J
Fluorene	ND(0.41)	1.8 J	ND(0.37)	ND(0.36)	0.87	12	ND	0.48J	ND(29)	ND(2.0)	ND(0.39)
Hexachloroethane	ND(0.41)	2.2	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			29	ND(2.0)	ND(0.39)
Indeno(1,2,3-cd)Pyrene	ND(0.41)	3.4	ND(0.37)	0.32 J	ND(0.39)	5.0 J	1.20J	ND	ND(29)	ND(2.0)	ND(0.39)
1,3-Dichlorobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	2.9	ND(8.0)	ND	0.170J	ND(29)	1.7 J	ND(0.39)
1-Methylnaphthalene	--	--	--	--	--	--	ND	0.94J	--	--	--
2-Methylnaphthalene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	4.9	7.2 J	ND	0.590J	ND(29)	ND(2.0)	ND(0.39)
Naphthalene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	12 D	14	ND	0.610J	ND(29)	ND(2.0)	ND(0.39)
Nitrobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
n-Nitrosodiphenylamine	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
5-Nitro-o-toluidine	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)	ND	0.150J	ND(29)	ND(2.0)	ND(0.39)
Di-n-Octyl Phthalate	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
1,2-Dichlorobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	0.50	ND(8.0)	ND	0.047J	ND(29)	ND(2.0)	ND(0.39)
1,4-Dichlorobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	13 D	ND(8.0)	ND	0.360J	3.1 J	8.3	ND(0.39)
Phenanthrene	0.15 J	27	0.17 J	0.56	ND(0.39)	66	2.70J	ND	ND(29)	ND(2.0)	0.31 J
Phenol	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	0.59	ND(8.0)			ND(29)	ND(2.0)	ND(0.39)
Phenols(TOTAL)	--	--	--	--	--	--	0.682	0.562	--	--	--
Pyrene	0.20 J	23	0.25 J	1.3	ND(0.39)	28	2.60J	0.390J	ND(29)	ND(2.0)	0.52
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)	ND(0.39)	ND(8.0)			4.4 J	ND(2.0)	ND(0.39)

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TABLE 4-4
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

Location ID: Depth (ft):	LS-37 (6-8)	LS-38 (16-18)	LS-39 (10-12)	LS-40 (10-12)	LS-42 (20-22)	LS-43 (22-24)	LS-44 (22-24)	LS-45 (10-12)	LS-Soil (surface)	LS-C-11 (0-0.5)	LS-C-12 (0-0.5)
Date:	08/08/95	08/14/95	08/10/95	08/10/95	04/23/96	04/24/96	04/24/96	04/25/96	09-10/90	08/30/95	08/30/95
Acenaphthene	ND(0.36)	0.22 J	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	0.58J	0.38J	0.42 J	0.20 J
Acenaphthylene	0.16 J	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.049J	ND(0.42)	0.11J	0.26J	7.7	3.7
Acetophenone	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Aniline	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(6.2)	0.56 J	0.43 J
Anthracene	0.22 J	0.12 J	ND(0.4)	ND(0.4)	ND(0.37)	0.12J	ND(0.42)	ND(0.89)	0.31J	4.3	2.1
Benzo(b)Fluoranthene	0.56	ND(0.48)	ND(0.4)	ND(0.4)	0.045J	0.14JX	ND(0.42)	0.11JX	0.51J	26	12
Butyl Benzyl Phthalate	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Benzo(a)Anthracene	0.58	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.3J	ND(0.42)	0.14JX	0.43J	18	8.0
Dibenzofuran	0.091 J	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.053J	ND(0.42)	ND(0.89)	ND(1.2)	0.97 J	0.63 J
Benzidine	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(9.6)	ND(1.7)	ND(1.7)
Benzo(ghi)Perylene	0.33 J	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.11J	ND(0.42)	0.19J	ND(1.2)	5.1	2.5
Benzo(a)Pyrene	0.49	0.18 J	ND(0.4)	ND(0.4)	ND(0.37)	0.27J	ND(0.42)	0.24J	0.41J	18	8.7
Benzo(k)Fluoranthene	0.50	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.26JX	ND(0.42)	0.24JX	0.63J	12	6.9
Di-n-Butyl Phthalate	0.11 BJ	0.15 BJ	0.049 BJ	0.12 BJ	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Dibenz(a,h)Anthracene	0.13 J	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	0.39 J	0.18 J
Chrysene	0.73	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.27J	ND(0.42)	0.17J	0.58J	21	11
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	1.1	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
3,3-Dichlorobenzidine	ND(0.72)	ND(0.96)	ND(0.4)	ND(0.4)	ND(0.75)	ND(0.78)	ND(0.85)	ND(1.8)	ND(2.4)	ND(3.3)	ND(3.3)
Bis(2-Ethylhexyl)Phthalate	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	0.2J	0.17J	0.1J	0.4J	1.8	0.28 J	ND(1.7)
Ethyl Methanesulfonate	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Fluoranthene	1.3	ND(0.48)	ND(0.4)	ND(0.4)	0.06J	0.5	ND(0.42)	0.1J	0.99J	42 D	22
Fluorene	0.17 J	0.15 J	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	0.17J	0.38J	2.2	1.7
Hexachloroethane	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Indeno(1,2,3-cd)Pyrene	0.29 J	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.097J	ND(0.42)	0.12J	ND(1.2)	5.7	2.7
1,3-Dichlorobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
1-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	0.085 J	0.23 J	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	0.97	ND(1.2)	0.55 J	0.26 J
Naphthalene	ND(0.36)	0.11 J	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	4.7	ND(1.2)	0.39 J	0.19 J
Nitrobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
n-Nitrosodiphenylamine	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
5-Nitro-o-toluidine	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(2.4)	ND(1.7)	ND(1.7)
Di-n-Octyl Phthalate	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
1,2-Dichlorobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
1,4-Dichlorobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	0.27J	ND(1.7)	ND(1.7)
Phenanthrene	1.8	0.73	ND(0.4)	ND(0.4)	ND(0.37)	0.5	ND(0.42)	0.11J	0.85J	27	19
Phenol	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	ND(0.39)	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)
Phenols(TOTAL)	--	--	--	--	--	--	--	--	--	--	--
Pyrene	1.4	0.12 J	ND(0.4)	ND(0.4)	0.06J	0.52	ND(0.42)	0.24J	1.6	33 D	18
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.48)	ND(0.4)	ND(0.4)	ND(0.37)	0.04J	ND(0.42)	ND(0.89)	ND(1.2)	ND(1.7)	ND(1.7)

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TABLE 4-4
(Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

Location ID:	LS-C-13	LS-C-18	LS-GWP-33	LS-GWP-34						
Depth (ft):	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)						
Date:	08/30/95	08/30/95	08/30/95	08/30/95						
Acenaphthene	ND(1.4)	ND(0.33)	0.066 J	ND(0.34)	[ND(0.34)]					
Acenaphthylene	2.7	ND(0.33)	0.096 J	0.099 J	[0.095 J]					
Acetophenone	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Aniline	6.0	ND(0.33)	1.9	0.67	[0.51]					
Anthracene	1.2 J	ND(0.33)	0.14 J	0.08 J	[0.11J]					
Benzo(b)Fluoranthene	8.0	0.037 J	0.87	0.73	[0.76]					
Butyl Benzyl Phthalate	ND(1.4)	ND(0.33)	ND(0.34)	0.05 J	[0.056 J]					
Benzo(a)Anthracene	5.0	0.036 J	0.56	0.41	[0.56]					
Dibenzofuran	0.33 J	ND(0.33)	0.037 J	ND(0.34)	[ND(0.34)]					
Benzidine	ND(1.4)	ND(0.33)	0.097 J	ND(0.34)	[ND(0.34)]					
Benzo(ghi)Perylene	1.8	ND(0.33)	0.21 J	0.18 J	[0.19 J]					
Benzo(a)Pyrene	6.0	0.038 J	0.86	0.58	[0.68]					
Benzo(k)Fluoranthene	4.7	0.039 J	1.0	0.59	[0.82]					
Di-n-Butyl Phthalate	ND(1.4)	ND(0.33)	0.21 J	0.19 J	[0.18 J]					
Dibenz(a,h)Anthracene	ND(1.4)	ND(0.33)	0.1 J	0.057 J	[0.088 J]					
Chrysene	7.6	0.047 J	0.83	0.78	[1.2]					
1,2,4-Trichlorobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
3,3-Dichlorobenzidine	ND(2.8)	ND(0.67)	0.075 J	ND(0.69)	[ND(0.69)]					
Bis(2-Ethylhexyl)Phthalate	ND(1.4)	ND(0.33)	0.059 J	0.052 J	[0.077 J]					
Ethyl Methanesulfonate	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Fluoranthene	14	0.079 J	1.3	1.1	[1.3]					
Fluorene	0.85 J	ND(0.33)	0.076 J	ND(0.34)	[0.038 J]					
Hexachloroethane	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Indeno(1,2,3-cd)Pyrene	2.1	ND(0.33)	0.27 J	0.19 J	[0.24 J]					
1,3-Dichlorobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
1-Methylnaphthalene	--	--	--	--	--					
2-Methylnaphthalene	0.2 J	ND(0.33)	0.036 J	ND(0.34)	[ND(0.34)]					
Naphthalene	0.18 J	ND(0.33)	0.044 J	ND(0.34)	[ND(0.34)]					
Nitrobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
n-Nitrosodiphenylamine	ND(1.4)	ND(0.33)	0.076 J	ND(0.34)	[ND(0.34)]					
5-Nitro-o-toluidine	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Di-n-Octyl Phthalate	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
1,2-Dichlorobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
1,4-Dichlorobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Phenanthrene	11	0.053 J	0.8	0.56	[0.63]					
Phenol	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					
Phenols(TOTAL)	--	--	--	--	--					
Pyrene	11	0.067 J	0.93	0.9	[1.1]					
1,2,4,5-Tetrachlorobenzene	ND(1.4)	ND(0.33)	ND(0.34)	ND(0.34)	[ND(0.34)]					

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TABLE 4-4
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOILS APPENDIX IX+3 SEMIVOLATILES DATA
(Results presented in dry weight parts per million, ppm)

NOTES:

1. Samples collected during 8/89, 9/90 - 10/90 were collected by Geraghty & Miller, Inc., and submitted to IT Analytical Services for SVOC analysis.
2. Samples collected during 4/91 were collected by Geraghty & Miller, Inc., and submitted to CompuChem Environmental Services for SVOC analysis.
3. Samples collected during 10/94 were collected by Rust Environment & Infrastructure, Inc., and submitted to CompuChem Environmental Services for SVOC analysis.
4. Samples collected during 8/95 - 12/95 and 4/96 were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for SVOC analysis.
5. -- = Data not reported by laboratory.
6. NA - Not analyzed.
7. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
8. [ ] - Field duplicate analysis.
9. J - Indicates an estimated value less than the CLP - required quantitation limit.
10. D - Analysis was performed at a secondary dilution factor.
11. B - Indicates the compound was found in the associated blank as well as in the sample.
12. RE = Reanalysis
13. X - Data has been manually integrated.
14. * - Sample analytical results presented in November 29, 1994 letter report from RUST Environment & Infrastructure to Mr. John D. Clampa presents compounds with concentrations above laboratory detection limits only. Data is not available for remaining compounds.

TABLE 4-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft):	E-3 (0-2)	E-4 (0-2)	E-5 (6-8)	E-6 (0-2)	E-7 (4-6)	E-8 (18-20)	LS-7 (14-16)	LS-8 (16-18)
Date:	08/09/95	08/09/95	08/10/95	08/16/95	08/07/95	08/09/95	09-10/90	09-10/90
TCDFs	0.0012	0.00073	0.000074	0.00044	0.000036	ND(0.00000024)	ND(0.000034)	0.321
2,3,7,8-TCDF	0.00015	0.000074	0.0000029J**	0.00005	0.0000038J**	ND(0.00000024)	NA	NA
PeCDFs	0.0017	0.00065	0.000031	0.00021	0.0000084	ND(0.00000046)	ND(0.00005)	0.176
1,2,3,7,8-PeCDF	ND(0.000065)	ND(0.000036)	ND(0.0000028)	0.000017	ND(0.0000017)	ND(0.00000028)	NA	NA
2,3,4,7,8-PeCDF	0.000076	0.000036	ND(0.0000054)	0.000015	ND(0.0000016)	ND(0.00000024)	NA	NA
HxCDFs	0.0013	0.00041	0.000035	0.00012	0.0000069	ND(0.00000057)	ND(0.00011)	ND(0.0568)
1,2,3,4,7,8-HxCDF	ND(0.00015)	ND(0.000065)	0.000014	0.000023	ND(0.0000021)	ND(0.00000014)	NA	NA
1,2,3,6,7,8-HxCDF	0.000091	0.000036	ND(0.0000045)	0.000011J**	ND(0.0000009)	ND(0.00000012)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000036)	0.0000059J**	ND(0.0000012)	ND(0.0000013)	ND(0.00000017)	ND(0.00000048)	NA	NA
2,3,4,6,7,8-HxCDF	0.00018	0.000056	0.0000083J**	0.000012J**	ND(0.0000016)	ND(0.00000017)	NA	NA
HpCDFs	0.00063	0.00024	0.000022	0.00006	0.000012	ND(0.00000038)	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00024	0.00012	0.000022	0.000035	0.0000059J**	ND(0.00000024)	NA	NA
1,2,3,4,7,8,9-HpCDF	0.000051	0.000014	ND(0.0000012)	ND(0.0000055)	ND(0.00000051)	ND(0.00000038)	NA	NA
OCDF	0.00025	0.00012	ND(0.0000084)	0.00004	0.000012J**	ND(0.00000038)	NA	NA
TCDDs	0.00024	0.0018	0.0000032	0.000012	ND(0.00000094)	ND(0.00000027)	ND(0.000061)	NR
2,3,7,8-TCDD	0.00006	0.0000093	ND(0.00000035)	ND(0.00000077)	ND(0.00000032)	ND(0.00000027)	ND(0.000038)	NR
PeCDDs	0.000079	0.0011	ND(0.0000028)	ND(0.0000045)	ND(0.0000011)	ND(0.00000031)	ND(0.00012)	ND(0.24)
1,2,3,7,8-PeCDD	0.0000077J**	0.000027	ND(0.00000092)	ND(0.000001)	ND(0.00000022)	ND(0.00000031)	NA	NA
HxCDDs	0.0003	0.0018	0.000016	0.0000076	ND(0.0000018)	ND(0.00000098)	ND(0.00014)	ND(0.0351)
1,2,3,4,7,8-HxCDD	0.0000065J**	0.000032	ND(0.0000012)	ND(0.00000079)	ND(0.0000003)	ND(0.00000094)	NA	NA
1,2,3,6,7,8-HxCDD	0.000018	0.000095	ND(0.0000016)	ND(0.0000022)	ND(0.00000053)	ND(0.00000098)	NA	NA
1,2,3,7,8,9-HxCDD	0.000017	0.000088	ND(0.0000047)	ND(0.0000025)	ND(0.00000079)	ND(0.00000097)	NA	NA
HpCDDs	0.00024	0.00092	0.000055	0.000042	0.000013	ND(0.00000043)	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00012	0.00035	0.000022	0.000021	0.0000071J**	ND(0.00000043)	NA	NA
OCDD	0.0008	0.00085	0.00086	0.00016	0.00004	ND(0.0000036)	NA	NA

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TABLE 4-5
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-9	LS-10	LS-11	LS-26	LS-27	LS-28	LS-29	LS-30
Depth (ft):	(14-16)	(10-12)	(10-12)	(10-12)	(2-4)	(10-12)	(10-12)	(14-16)
Date:	09-10/90	09-10/90	09-10/90	08/10/95	08/11/95	08/14/95	08/08/95	08/14/95
TCDFs	ND(0.0004)	ND(0.00039)	0.0087	0.000019	0.00015	0.0000056	0.000018	0.026
2,3,7,8-TCDF	NA	NA	NA	ND(0.00000086)	0.000017J**	0.0000014J**	0.0000078	0.0026 E
PeCDFs	ND(0.00028)	ND(0.00024)	0.0062	0.000013	0.00013	ND(0.0000056)	ND(0.0000022)	0.02
1,2,3,7,8-PeCDF	NA	NA	NA	ND(0.0000016)	ND(0.000013)	ND(0.00000042)	ND(0.00000099)	0.0017
2,3,4,7,8-PeCDF	NA	NA	NA	ND(0.0000019)	0.0000063J**	ND(0.00000054)	ND(0.00000091)	0.0016
HxCDFs	ND(0.0004)	ND(0.00015)	0.0064	0.000018	0.00014	ND(0.0000047)	ND(0.0000012)	0.02
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.0000076J**	0.000012	ND(0.00000083)	ND(0.0000006)	ND(0.01)
1,2,3,6,7,8-HxCDF	NA	NA	NA	ND(0.0000034)	0.0000076J**	ND(0.00000068)	ND(0.00000035)	0.0046 E
1,2,3,7,8,9-HxCDF	NA	NA	NA	ND(0.0000018)	ND(0.0000049)	ND(0.00000015)	ND(0.00000017)	0.0021
2,3,4,6,7,8-HxCDF	NA	NA	NA	ND(0.0000042)	0.000017	ND(0.00000082)	ND(0.00000035)	0.002
HpCDFs	NA	NA	NA	0.000033	0.000077	ND(0.0000022)	ND(0.00000062)	0.015
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.000026	0.000029	ND(0.0000011)	ND(0.00000062)	0.0067 E
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	ND(0.0000032)	ND(0.0000054)	ND(0.00000033)	ND(0.00000018)	0.0037 E
OCDF	NA	NA	NA	0.00003	0.000029	ND(0.00000092)	ND(0.00000057)	0.0096 E
TCDDs	ND(0.00047)	ND(0.00034)	ND(0.0012)	0.0000016	0.0000051	ND(0.00000044)	ND(0.00000046)	0.00073
2,3,7,8-TCDD	ND(0.0026)	ND(0.0024)	ND(0.0021)	ND(0.00000051)	ND(0.00000049)	ND(0.00000034)	ND(0.00000043)	0.000013
PeCDDs	ND(0.0009)	ND(0.00077)	ND(0.0016)	ND(0.0000017)	ND(0.0000023)	ND(0.00000013)	ND(0.00000025)	0.00044
1,2,3,7,8-PeCDD	NA	NA	NA	ND(0.00000064)	ND(0.0000014)	ND(0.00000013)	ND(0.00000018)	0.000057
HxCDDs	ND(0.0044)	ND(0.0011)	ND(0.0025)	ND(0.000005)	0.000038	ND(0.0000002)	ND(0.00000077)	0.0015
1,2,3,4,7,8-HxCDD	NA	NA	NA	ND(0.00000086)	ND(0.0000015)	ND(0.00000018)	ND(0.000000092)	0.000053
1,2,3,6,7,8-HxCDD	NA	NA	NA	ND(0.0000015)	ND(0.0000052)	ND(0.0000002)	ND(0.00000021)	0.00013
1,2,3,7,8,9-HxCDD	NA	NA	NA	ND(0.0000034)	ND(0.0000037)	ND(0.0000002)	ND(0.00000035)	0.00014
HpCDDs	NA	NA	NA	0.000039	0.0003	ND(0.00000042)	ND(0.0000022)	0.0014
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.000018	0.00016	ND(0.00000042)	ND(0.0000016)	0.00067
OCDD	NA	NA	NA	0.00059	0.0012	ND(0.000003)	0.000068	0.003

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TABLE 4-5
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-31	LS-32*	LS-33*	LS-34	LS-35	LS-36	LS-37	LS-38
Depth (ft):	(18-20)	(2-4)	(16-18)	(22-24)	(12-14)	(16-18)	(6-8)	(16-18)
Date:	08/15/95	10/12/94	10/12/94	12/14/95	08/15/95	08/07/95	08/08/95	08/14/95
TCDFs	0.0021	0.0628	0.000227	0.00082	0.003	ND(0.00000072)	0.000027	ND(0.00000045)
2,3,7,8-TCDF	0.000099			0.000043	0.00015	ND(0.00000067)	0.000002J**	ND(0.00000045)
PeCDFs	0.0037	0.131	0.0011	0.0028	0.0065	ND(0.0000022)	0.0000055	ND(0.00000079)
1,2,3,7,8-PeCDF	ND(0.00066)			0.00011	0.00011	ND(0.00000033)	ND(0.0000013)	ND(0.0000006)
2,3,4,7,8-PeCDF	0.00028			0.0003	0.00052	ND(0.00000018)	ND(0.0000014)	ND(0.00000049)
HxCDFs	0.0078	0.145	0.000947	0.0047	0.0049	ND(0.000003)	ND(0.0000037)	ND(0.00000072)
1,2,3,4,7,8-HxCDF	0.0012			0.0016 E	ND(0.0027)	ND(0.00000035)	ND(0.0000021)	ND(0.00000072)
1,2,3,6,7,8-HxCDF	0.00043			0.0008	0.0012	ND(0.00000021)	ND(0.00000088)	ND(0.00000034)
1,2,3,7,8,9-HxCDF	ND(0.00022)			0.000032	ND(0.000026)	ND(0.00000033)	ND(0.00000017)	ND(0.00000057)
2,3,4,6,7,8-HxCDF	0.00057			0.00033	0.00056	ND(0.00000034)	ND(0.0000013)	ND(0.00000039)
HpCDFs	0.0074	0.0399	0.00044	0.0025	0.0038	ND(0.00000091)	ND(0.000004)	ND(0.00000054)
1,2,3,4,6,7,8-HpCDF	0.0022			0.0011 E	0.0012	ND(0.00000033)	ND(0.0000035)	ND(0.00000054)
1,2,3,4,7,8,9-HpCDF	0.0014			0.0012 E	0.0012	ND(0.000000071)	ND(0.0000005)	ND(0.00000018)
OCDF	0.0055			0.0031 E	0.0012	ND(0.00000049)	ND(0.0000047)	ND(0.00000099)
TCDDs	0.00025	ND	ND	0.000067	0.00054	0.0000027	0.0000029	ND(0.00000042)
2,3,7,8-TCDD	0.0000098			0.0000015J**	0.0000039J**	ND(0.00000019)	ND(0.00000035)	ND(0.00000028)
PeCDDs	0.00009	ND	ND	0.000057	0.00023	ND(0.00000048)	ND(0.0000019)	ND(0.00000025)
1,2,3,7,8-PeCDD	0.00002			0.000012	ND(0.000018)	ND(0.00000021)	ND(0.00000048)	ND(0.00000025)
HxCDDs	0.0011	0.00251	ND	0.00029	0.00077	ND(0.0000013)	ND(0.000005)	ND(0.00000028)
1,2,3,4,7,8-HxCDD	0.000088			0.000036	0.000017	ND(0.00000019)	ND(0.00000044)	ND(0.00000025)
1,2,3,6,7,8-HxCDD	0.000052			0.000022	0.000055	ND(0.00000023)	ND(0.00000086)	ND(0.00000027)
1,2,3,7,8,9-HxCDD	0.000086			0.000026	0.000043	ND(0.00000058)	ND(0.000002)	ND(0.00000028)
HpCDDs	0.0042	0.00984	ND	0.0013	0.00049	0.000011	0.000031	ND(0.00000039)
1,2,3,4,6,7,8-HpCDD	0.0024			0.00081	0.00019	ND(0.0000043)	0.000013	ND(0.00000039)
OCDD	0.038 E			0.0076 D	0.00089	0.000048	0.00074	ND(0.0000027)

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TABLE 4-5
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-39	LS-40	LS-42	LS-43	LS-44	LS-45	LS-SOIL	LS-C-11
Depth (ft):	(10-12)	(10-12)	(20-22)	(22-24)	(22-24)	(10-12)	(SURFACE)	(0-0.5)
Date:	08/10/95	08/10/95	04/23/96	04/24/96	04/24/96	04/25/96	09-10/90	08/30/95
TCDFs	ND(0.00000021)	ND(0.00000015)	ND(0.00000083)	0.00019	0.0000098	ND(0.00000045)	0.001(I)	0.000079
2,3,7,8-TCDF	ND(0.00000015)	ND(0.00000015)	ND(0.00000083)	0.0000063	ND(0.0000014)	ND(0.00000045)	NA	0.000015J**
PeCDFs	ND(0.00000014)	ND(0.0000002)	ND(0.00000094)	0.0005	0.000011	ND(0.00000043)	0.00083(I)	0.00012
1,2,3,7,8-PeCDF	ND(0.00000014)	ND(0.0000002)	ND(0.00000033)	0.000015	ND(0.0000011)	ND(0.00000031)	NA	ND(0.0000081)
2,3,4,7,8-PeCDF	ND(0.00000012)	ND(0.00000017)	ND(0.00000023)	0.000063	ND(0.0000011)	ND(0.00000028)	NA	ND(0.00001)
HxCDFs	ND(0.00000024)	ND(0.00000017)	ND(0.0000016)	0.0011	ND(0.0000026)	ND(0.00000047)	0.0006(I)	0.00018
1,2,3,4,7,8-HxCDF	ND(0.000000095)	ND(0.000000045)	ND(0.00000038)	0.00039	ND(0.0000025)	ND(0.00000047)	NA	ND(0.000011)
1,2,3,6,7,8-HxCDF	ND(0.00000012)	ND(0.000000055)	ND(0.00000022)	0.00016	ND(0.0000011)	ND(0.00000019)	NA	ND(0.0000088)
1,2,3,7,8,9-HxCDF	ND(0.00000016)	ND(0.00000012)	ND(0.00000039)	0.0001	ND(0.00000076)	ND(0.00000031)	NA	ND(0.0000012)
2,3,4,6,7,8-HxCDF	ND(0.00000013)	ND(0.00000006)	ND(0.00000045)	0.0001	ND(0.0000013)	ND(0.0000002)	NA	ND(0.000019)
HpCDFs	ND(0.00000032)	ND(0.00000033)	ND(0.00000082)	0.0012	ND(0.0000028)	ND(0.00000084)	NA	ND(0.00004)
1,2,3,4,6,7,8-HpCDF	ND(0.00000024)	ND(0.00000024)	ND(0.00000067)	0.00035	ND(0.0000028)	ND(0.00000061)	NA	ND(0.00003)
1,2,3,4,7,8,9-HpCDF	ND(0.00000032)	ND(0.00000033)	ND(0.00000034)	0.00033	ND(0.000001)	ND(0.00000084)	NA	ND(0.000004)
OCDF	ND(0.0000002)	ND(0.00000023)	ND(0.0000011)	0.0014	ND(0.000005)	ND(0.0000014)	NA	ND(0.000043)
TCDDs	ND(0.00000047)	ND(0.00000031)	ND(0.00000034)	0.000046	ND(0.00000052)	ND(0.00000036)	ND(0.00014)	ND(0.0000014)
2,3,7,8-TCDD	ND(0.00000019)	ND(0.00000012)	ND(0.00000034)	ND(0.00000073)	ND(0.0000003)	ND(0.00000036)	ND(0.000037)	ND(0.0000013)
PeCDDs	ND(0.00000065)	ND(0.00000011)	ND(0.00000018)	0.000016	ND(0.00000059)	ND(0.0000002)	ND(0.0014)	ND(0.000002)
1,2,3,7,8-PeCDD	ND(0.00000022)	ND(0.00000011)	ND(0.00000018)	0.0000067J**	ND(0.00000032)	ND(0.0000002)	NA	ND(0.0000013)
HxCDDs	ND(0.0000003)	ND(0.00000021)	ND(0.00000047)	0.00017	ND(0.0000013)	ND(0.00000047)	ND(0.00065)	ND(0.00001)
1,2,3,4,7,8-HxCDD	ND(0.00000028)	ND(0.0000002)	ND(0.00000045)	0.000021	ND(0.00000062)	ND(0.00000045)	NA	ND(0.0000015)
1,2,3,6,7,8-HxCDD	ND(0.0000003)	ND(0.00000021)	ND(0.00000042)	0.000013	ND(0.00000061)	ND(0.00000043)	NA	ND(0.0000032)
1,2,3,7,8,9-HxCDD	ND(0.0000003)	ND(0.00000021)	ND(0.00000047)	0.000016	ND(0.00000065)	ND(0.00000047)	NA	ND(0.0000032)
HpCDDs	ND(0.00000058)	ND(0.00000025)	ND(0.0000005)	0.00062	ND(0.0000015)	ND(0.00000048)	NA	0.0001
1,2,3,4,6,7,8-HpCDD	ND(0.00000035)	ND(0.00000025)	ND(0.0000005)	0.00038	ND(0.0000015)	ND(0.00000048)	NA	ND(0.000043)
OCDD	ND(0.0000056)	ND(0.0000019)	ND(0.0000043)	0.0035	ND(0.000012)	ND(0.0000049)	NA	0.00045

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TABLE 4-5
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-C-12	LS-C-13	LS-C-18	LS-GWP-33	LS-GWP-34		
Depth (ft):	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)		
Date:	08/30/95	08/30/95	08/30/95	08/30/95	08/30/95		
TCDFs	0.00006	0.0025	ND(0.00000051)	0.00067	0.00086 [0.00088]		
2,3,7,8-TCDF	0.000022J**	0.00048	ND(0.00000051)	0.000084	0.00014 [0.00015]		
PeCDFs	ND(0.000018)	0.0029	ND(0.00000089)	0.0014	0.00049 [0.00054]		
1,2,3,7,8-PeCDF	ND(0.0000098)	0.00025	ND(0.00000018)	0.000028	0.000051 [0.000052]		
2,3,4,7,8-PeCDF	ND(0.0000093)	0.00029	ND(0.00000018)	0.000058J**	0.000043 [0.000048]		
HxCDFs	ND(0.0000043)	0.0043	ND(0.0000015)	0.0014	0.00039 [0.00039]		
1,2,3,4,7,8-HxCDF	ND(0.000019)	0.0007	ND(0.00000029)	0.000063	0.000065 [0.000064]		
1,2,3,6,7,8-HxCDF	ND(0.000011)	0.00041	ND(0.0000002)	0.000061	0.000036 [0.00004]		
1,2,3,7,8,9-HxCDF	ND(0.00000078)	ND(0.000017)	ND(0.00000011)	0.0000098J**	ND(0.0000014) [ND(0.0000017)]		
2,3,4,6,7,8-HxCDF	ND(0.000016)	0.00035	ND(0.00000027)	0.00018	0.000042 [0.000043]		
HpCDFs	ND(0.000039)	0.0018	ND(0.0000018)	0.00057	0.00045 [0.00045]		
1,2,3,4,6,7,8-HpCDF	ND(0.000031)	0.00084	ND(0.0000015)	0.00023	0.0002 [0.0002]		
1,2,3,4,7,8,9-HpCDF	ND(0.0000055)	0.00019	ND(0.00000027)	0.000021	0.000016 [0.000016]		
OCDF	ND(0.000045)	0.0013	ND(0.0000036)	0.00013	0.00046 [0.00049]		
TCDDs	ND(0.0000034)	ND(0.0000099)	ND(0.0000004)	0.0000052	0.000015 [0.000027]		
2,3,7,8-TCDD	ND(0.0000034)	ND(0.0000031)	ND(0.00000022)	0.0000013J**	0.0000082 [0.0000088]		
PeCDDs	ND(0.0000009)	ND(0.000022)	ND(0.0000002)	ND(0.0000048)	0.0000053 [ND(0.00001)]		
1,2,3,7,8-PeCDD	ND(0.0000009)	ND(0.000009)	ND(0.00000017)	ND(0.0000021)	ND(0.0000041) [ND(0.000004)]		
HxCDDs	ND(0.000007)	0.000097	ND(0.00000077)	0.000045	0.00012 [0.00012]		
1,2,3,4,7,8-HxCDD	ND(0.00000074)	ND(0.0000072)	ND(0.00000012)	ND(0.0000023)	0.0000054J** [ND(0.0000051)]		
1,2,3,6,7,8-HxCDD	ND(0.0000025)	ND(0.000025)	ND(0.00000036)	ND(0.000005)	0.000014 [0.000015]		
1,2,3,7,8,9-HxCDD	ND(0.0000029)	ND(0.000024)	ND(0.00000032)	ND(0.0000049)	0.000013 [0.000013]		
HpCDDs	ND(0.000052)	0.00023	ND(0.0000043)	0.00019	0.00042 [0.00043]		
1,2,3,4,6,7,8-HpCDD	ND(0.000042)	0.00011	ND(0.0000043)	0.000071	0.00023 [0.00024]		
OCDD	0.00033	0.00046	0.000033	0.00057	0.0012 [0.0013]		

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TABLE 4-5
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 PCDD/PCDF DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

NOTES:

1. Samples collected during 9/90 - 10/90 were collected by Geraghty & Miller, Inc., and submitted to IT Analytical Services for PCDD/PCDF analysis.
2. Samples collected during 10/94 were collected by Rust Environment & Infrastructure, Inc., and submitted to CompuChem Environmental Services for PCDD/PCDF analysis.
3. Samples collected during 8/95 - 12/95 and 4/96 were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for PCDD/PCDF analysis.
4. -- = Data not reported by laboratory.
5. NA - Not analyzed.
6. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
7. [ ] - Field duplicate analysis.
8. J** - Estimated value below the lower calibration limit but above the target detection limit.
9. B - Indicates the compound was found in the associated blank as well as in the sample.
10. D - Analysis was performed at a secondary dilution factor.
11. E - The compound exceeded the calibration range of the GC/MS instrument for that specific analysis.
12. NR - Not reportable due to internal standards interference.
13. (I) - Possible interference from polychlorinated diphenyl ethers.
14. * - Sample analytical results presented in November 29, 1994 letter report from RUST Environment & Infrastructure to Mr. John D. Ciampa presents compounds with concentrations above laboratory detection limits only. Data is not available for remaining compounds.

TABLE 4-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented In Dry-Weight Parts Per Million, ppm)

Location ID:	E-1	E-2	E-3	E-4	E-5	E-6		E-7	E-8
Depth (ft):	(10-12)	(8-10)	(0-2)	(0-2)	(6-8)	(0-2)		(4-6)	(18-20)
Date:	4/91	4/91	08/09/95	08/09/95	08/10/95	08/16/95		08/07/95	08/09/95
Aluminum	11,700	8,770	NA	NA	NA	NA	[NA]	NA	NA
Antimony	ND(5.6)	ND(6.7)	ND(1.7)	ND(1.7)	ND(1.6)	ND(1.7)	[ND(1.71)]	ND(1.7)	ND(2.2)
Arsenic	5.6N	2.6J*N	6.0	10.6	8.1	5.0	[5.06]	3.5	2.5
Barium	45.8J*	38.9J*	39.5	60.5	57.6	61	[73.5]	29.4	39.3
Beryllium	0.36J*	ND(0.3)	0.25 J*	0.37 J*	0.46 J*	0.19 J*	[0.19 J*]	0.2 J*	0.37 J*
Cadmium	ND(1.0)	ND(1.2)	0.38 J*	ND(0.2)	0.94	0.23 J*	[0.25 J*]	0.21 J*	ND(0.26)
Calcium	16,400	7,260	NA	NA	NA	NA	[NA]	NA	NA
Chromium	19.6	23.1	21.1	22.5	13.2	8.3	[7.52]	7.6	10.1
Cobalt	4.8J*	8.5J*	6.4	9.8	5.1 J*	7.4	[7.4]	7.4	8.7
Copper	74.7est.	354est.	163	189	237	46.3	[46.4]	20.4	12.3
Iron	31,600	62,400	NA	NA	NA	NA	[NA]	NA	NA
Lead	153	114	102 est.NM	87.1 est.NM	133 est.NM	150 est.NM	[115]	70.1 est.NM	5.1 est.NM
Magnesium	6,210	5,630	NA	NA	NA	NA	[NA]	NA	NA
Manganese	743	612	NA	NA	NA	NA	[NA]	NA	NA
Mercury	ND(0.13)	0.14	0.87 NM	0.65 NM	ND(0.11)	ND(0.12)	[0.13]	ND(0.12)	ND(0.15)
Nickel	11	63.1	15.2	29.3	21.7	13	[12]	12.6	13
Potassium	1,310	831J*	NA	NA	NA	NA	[NA]	NA	NA
Selenium	ND(0.76)	ND(0.91)	1.3	2.4	1.4	1.0	[1.11]	0.95	1.5
Silver	ND(1.3)	ND(1.5)	ND(0.3)	ND(0.31)	ND(0.29)	ND(0.31)	[ND(0.31)]	ND(0.32)	ND(0.41)
Sodium	276J*	186J*	NA	NA	NA	NA	[NA]	NA	NA
Thallium	ND(0.76)	ND(0.91)	ND(0.46)	ND(0.47)	ND(0.45)	ND(0.48)	[ND(0.48)]	ND(0.48)	ND(0.62)
Tin	NA	NA	3.9 J*	ND(1.3)	8.6 J*	ND(1.3)	[ND(1.34)]	ND(1.4)	ND(1.8)
Vanadium	27.5	45.1	13.7	22.2	19.7	11.6	[11.1]	8.0	11.4
Zinc	119	193	191 est.	127 est.	256 est.	144 est.	[123]	64.8 est.	54.3 est.
Cyanide, Total	0.67	ND(0.76)	ND(2.8)	ND(2.9)	ND(2.7)	ND(2.9)	[ND(2.9)]	ND(2.9)	ND(3.8)
Sulfide	ND(12.6)	ND(15.2)	ND(225)	ND(231)	ND(217)	329	[237]	ND(235)	483

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TABLE 4-6
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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft): Date:	LS-7 (14-16) 09-10-90	LS-8 (16-18) 09-10-90	LS-9 (14-16) 09-10-90	LS-10 (10-12) 09-10-90	LS-11 (10-12) 09-10-90	LS-26 (10-12) 08/10/95	LS-27 (2-4) 08/11/95	LS-28 (10-12) 08/14/95	LS-29 (10-12) 08/08/95
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(1.9)	3.3 J*N	ND(1.7)	ND(1.6)
Arsenic	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	5.8	9.8	5.9	3.5
Barium	42.4	18	8.8	6.0	232	30.9	42.7	15.5 J*	200
Beryllium	0.1	ND(0.1)	0.1	ND (0.1)	0.2	0.23 J*	0.35 J*	0.11 J*	1.0
Cadmium	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.7	0.8	0.65	ND(0.19)	ND(0.19)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	8.0	3.0	12	2.0	56	12.2	15.4	9.8	27.6
Cobalt	6.0	4.0	3.0	5.0	9.0	5.4 J*	7.4	11.7	4.9 J*
Copper	20	82	17	19	1,050	93.1	3,610	27.5	24.5
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	16	11	14	9.0	803	165 est.NM	261 est.NM	8.6 est.NM	119 est.NM
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.1)	0.1	0.1	ND(0.1)	0.3	ND(0.13)	0.12 NM	ND(0.11)	ND(0.11)
Nickel	8.0	6.0	2.0	7.0	62	26.9	32.1	20	6.8
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	ND(6.0)	ND(6.0)	ND(6.0)	ND(7.0)	ND(6.0)	1.6	1.6	1.5	2.0
Silver	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.8	ND(0.34)	0.49 J*	ND(0.31)	ND(0.3)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	22	10	ND(3.0)	ND(3.0)	ND(3.0)	ND(0.52)	ND(0.45)	ND(0.46)	ND(2.3)
Tin	ND(2.0)	6.0	5.0	3.0	50	ND(1.5)	117	ND(1.3)	ND(1.3)
Vanadium	7.0	2.0	2.0	1.0	9.0	16.1	19.2	8.3	49.5
Zinc	47.8	33.4	34.5	23.5	768	247 est.	578 est.	55.8 est.	28.8 est.
Cyanide, Total	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(3.1)	ND(2.8)	ND(2.8)	ND(2.7)
Sulfide	130	ND(18)	140	ND(20)	130	ND(252)	263	ND(226)	ND(220)

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TABLE 4-6
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID:	LS-30	LS-31	LS-32*	LS-33*	LS-34	LS-35	LS-36	LS-37	LS-38
Depth (ft):	(14-16)	(18-20)	(2-4)	(16-18)	(22-24)	(12-14)	(16-18)	(6-8)	(16-18)
Date:	08/14/95	08/15/95	10/12/94	10/12/94	12/14/95	08/15/95	08/07/95	08/08/95	08/14/95
Aluminum	NA	NA	12,400	11,300	NA	NA	NA	NA	NA
Antimony	4.4 J*N	ND(1.8)	29.6	ND	2.6 J*	ND(1.8)	ND(1.9)	3.8 J*N	ND(2.2)
Arsenic	7.3	5.7	9.0	3.7	11.1	2.6	2.2	11	2.3
Barium	149	49.1	661J*	32.1	16.2	36.3	20.4 J*	32.8	48.9
Beryllium	0.13 J*	ND(0.02)	0.29	0.28J*	0.16 J*	0.26 J*	0.22 J*	0.32 J*	0.14 J*
Cadmium	2.4	ND(0.21)	5.4	ND	ND(0.24)	ND(0.2)	0.26 J*	0.95	ND(0.25)
Calcium	NA	NA	11,300	669	NA	NA	NA	NA	NA
Chromium	29.3	8.9	204	15.5	7.9	8.9	8.0	25.6	7.6
Cobalt	8.2	8.0	11.7	4.6J*	10.7	8.5	7.1	10.8	7.1 J*
Copper	1,390	1,470	4,650	7.9	19.5	15.9	7.0	461	7.9
Iron	NA	NA	41,500	15,900	NA	NA	NA	NA	NA
Lead	787 est.NM	84.5 est.NM	14,400	11	6.4	8.1 est.NM	3.0 est.NM	190 est.NM	3.4 est.NM
Magnesium	NA	NA	5,600	1,360	NA	NA	NA	NA	NA
Manganese	NA	NA	791	113	NA	NA	NA	NA	NA
Mercury	0.59 NM	0.42 NM	NR	ND	ND(0.12)	ND(0.12)	ND(0.13)	ND(0.11)	ND(0.15)
Nickel	24	16	82	8	15.6	11.4	10.8	32.9	10.7
Potassium	NA	NA	770J*	798	NA	NA	NA	NA	NA
Selenium	1.5	1.2	ND(0.77)	0.6J*	0.46 J*	1.1	1.3	2.7	0.9
Silver	1.5	0.38 J*	5.8	ND	ND(0.3)	ND(0.32)	ND(0.35)	ND(0.29)	ND(0.39)
Sodium	NA	NA	547J*	ND	NA	NA	NA	NA	NA
Thallium	ND(0.48)	ND(0.49)			ND(1.1)	ND(0.49)	ND(0.53)	ND(0.45)	ND(0.6)
Tin	242	12.1 J*	482	1.5J*	1.98	ND(1.4)	ND(1.5)	23	ND(1.7)
Vanadium	7.5	6.7	13.7	26.9	5.98	8.5	7.4	29.4	7.8
Zinc	834 est.	125 est.	3610	25.3	47.8	49.5 est.	43.1 est.	296 est.	41.9 est.
Cyanide, Total	ND(2.9)	ND(3.0)	ND	ND	ND(3.0)	ND(3.0)	ND(3.2)	ND(2.7)	ND(3.6)
Sulfide	429	346			NA	ND(241)	ND(260)	ND(217)	298

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TABLE 4-6
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft): Date:	LS-39 (10-12) 08/10/95	LS-40 (10-12) 08/10/95	LS-42 (20-22) 04/23/96	LS-43 (22-24) 04/24/96	LS-44 (22-24) 04/24/96	LS-45 (10-12) 04/24/96	LS-SOIL (surface) 09-10-90	LS-C-11 (0-0.5) 08/30/95	LS-C-12 (0-0.5) 08/30/95
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(1.8)	ND(1.8)	ND(2.7)	ND(2.8)	ND(3.0)	ND(3.2)	ND(3.0)	ND(1.5)	1.7 J*N
Arsenic	3.5	3.6	5.5	4.2	4.1	1.6	ND(3.0)	5.3 est.M	6.2 est.M
Barium	10.9 J*	12.3 J*	8.8J*	14.9J*	15J*	20.8J*	19.3	19.3 J*	15 J*
Beryllium	0.16 J*	0.13 J*	0.17J*	0.18J*	0.23J*	0.25J*	0.2	0.27 J*	0.19 J*
Cadmium	ND(0.21)	ND(0.21)	ND(0.27)	ND(0.28)	ND(0.31)	ND(0.32)	ND(0.5)	0.3 J*	0.19 J*
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	10.1	8.2	11.9	7.8	6.8	7.3	7.0	6.9	7.5
Cobalt	13.2	10.9	12.8	8.7	9.2	6.3J*	4.0	6.8	7.3
Copper	25.7	23.5	25.9	23	13.5	10.5	17	18.9 M	17.5 M
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	8.9 est.NM	6.7 est.NM	15.7	33.7	8.1	5.9	19	84.5	53
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.12)	ND(0.12)	ND(0.11)	ND(0.12)	ND(0.13)	ND(0.13)	ND(0.1)	ND(0.1)	ND(0.1)
Nickel	20.7	17.4	20.5	14.5	11.4	8.7	7.0	14.8	14.1
Potassium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	1.4	1.2	ND(0.32)	ND(0.33)	ND(0.36)	ND(0.38)	ND(6.0)	0.8	0.86
Silver	ND(0.33)	ND(0.33)	ND(0.32)	ND(0.33)	ND(0.36)	ND(0.38)	ND(0.5)	ND(0.27)	ND(0.27)
Sodium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	ND(0.49)	ND(0.5)	ND(0.54)	ND(0.56)	ND(0.61)	ND(0.65)	ND(3.0)	ND(0.42)	ND(0.41)
Tin	ND(1.4)	ND(1.4)	4.0J*	11J*	9.3J*	ND(2.2)	ND(2.0)	ND(1.2)	ND(1.2)
Vanadium	8.0	6.0 J*	8.2	5.8J*	6.0J*	6.9	6.0	15.7	13.1
Zinc	58.4 est.	49.8 est.	60.5 est.	54 est.	41.9 est.	35.6 est.	41	82 est.	166 est.
Cyanide, Total	ND(3.0)	ND(3.0)	ND(2.8)	ND(2.9)	ND(3.2)	ND(3.4)	ND(0.5)	ND(2.5)	ND(2.5)
Sulfide	ND(241)	ND(242)	ND(226)	ND(235)	ND(255)	ND(269)	180	ND(203)	ND(202)

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TABLE 4-6
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

Location ID: Depth (ft): Date:	LS-C-13 (0-0.5) 08/30/95	LS-C-18 (0-0.5) 08/30/95	LS-GWP-33 (0-0.5) 08/30/95	LS-GWP-34 (0-0.5) 08/30/95				
Aluminum	NA	NA	NA	NA [NA]				
Antimony	ND(1.6)	ND(1.5)	ND(1.5)	ND(1.5) [3.2 J*N]				
Arsenic	7.5 est.M	5.7 est.M	9.7 est.M	5.1 est.M [5.4 est.M]				
Barium	40.3	21.9	33.5	49.2 [47.8]				
Beryllium	0.2 J*	0.21 J*	0.27 J*	0.29 J* [0.28 J*]				
Cadmium	0.47 J*	ND(0.17)	ND(0.17)	0.51 J* [0.47 J*]				
Calcium	NA	NA	NA	NA [NA]				
Chromium	10.6	9.8	12.5	8.8 [8.8]				
Cobalt	8.8	11.4	7.8	7.6 [7.5]				
Copper	85.2 M	24 M	76.2 M	44.1 M [43.2 M]				
Iron	NA	NA	NA	NA [NA]				
Lead	117	12.6	72.2	108 [106]				
Magnesium	NA	NA	NA	NA [NA]				
Manganese	NA	NA	NA	NA [NA]				
Mercury	0.33 N	ND(0.1)	0.62 N	0.18 N [0.17 N]				
Nickel	19.1	17.5	15.1	15.1 [15.2]				
Potassium	NA	NA	NA	NA [NA]				
Selenium	1.2	0.96	1.0	1.2 [0.9]				
Silver	ND(0.29)	0.28 J*	ND(0.28)	ND(0.28) [ND(0.28)]				
Sodium	NA	NA	NA	NA [NA]				
Thallium	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.43) [ND(0.43)]				
Tin	2.9 J*	ND(1.2)	ND(1.2)	ND(1.2) [ND(1.2)]				
Vanadium	19.1	8.3	16.1	18.8 [18.8]				
Zinc	177 est.	52 est.	109 est.	299 est. [300 est.]				
Cyanide, Total	ND(2.7)	ND(2.5)	ND(2.6)	ND(2.6) [ND(2.6)]				
Sulfide	264	ND(202)	ND(205)	296 [296]				

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TABLE 4-6
(Cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR
LYMAN STREET PARKING LOT/USEPA AREA 5A

SUMMARY OF SOIL APPENDIX IX+3 METALS DATA
(Results Presented in Dry-Weight Parts Per Million, ppm)

NOTES:

1. Samples collected during 9/90 - 10/90 were collected by Geraghty & Miller, Inc., and submitted to IT Analytical Services for metals analysis.
2. Samples collected during 4/91 were collected by Geraghty & Miller, Inc., and submitted to CompuChem Environmental Services for metals analysis.
3. Samples collected during 10/94 were collected by Rust Environment & Infrastructure, Inc., and submitted to CompuChem Environmental Services for metals analysis.
4. Samples collected during 8/95 - 12/95 and 4/96 were collected by Blasland, Bouck & Lee, Inc., and submitted to Quanterra Environmental Services for metals analysis.
5. NA - Not analyzed.
6. ND(0.32) - Compound was analyzed for, but not detected. The number in parenthesis is the detection limit.
7. [ ] - Field duplicate analysis.
8. J* - Indicates value less than contract required detection limit but greater than instrument detection limit.
9. N - Spiked sample recovery not within control limits.
10. M - Duplicate analysis not within control limits.
11. est. = Estimated value due to interference.
12. * - Sample analytical results presented in November 29, 1994 letter report from RUST Environment & Infrastructure to Mr. John D. Ciampa presents compounds with concentrations above laboratory detection limits only. Data is not available for remaining compounds.

Table 4-3 Detected VOC Soil Concentrations, Lyman Street Site.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
LSSC-03						
	SS06	8-10				
			Acetone	0.0062	J	mg/kg
			Chlorobenzene	0.0018	J	mg/kg
LSSC-04						
	CS0610	6-10				
			Acetone	0.051		mg/kg
			Toluene	0.0013	J	mg/kg
LSSC-06						
	SS09	14-15				
			1,1,2-Trichloroethane	53		mg/kg
LSSC-07						
	SS08	12-14				
			Acetone	0.15		mg/kg
	SS15	24-26				
			Carbon tetrachloride	190		mg/kg
LSSC-08						
	SS09	14-15				
			Acetone	1.2		mg/kg
LSSC-09						
	SS08	12-14				
			Acetone	0.063		mg/kg
			Chlorobenzene	0.15		mg/kg
LSSC-10						
	SS09	14-15				
			Acetone	0.044		mg/kg
LSSC-11						
	SS08	12-14				
			Methylene chloride	0.0014	J	mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 4-4 Detected SVOC Soil Concentrations, Lyman Street Site.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
LSSC-01						
	CS0610	6-10				
			Aniline	1.9		mg/kg
			Benzo(a)anthracene	0.51		mg/kg
			Benzo(a)pyrene	1.6		mg/kg
			Benzo(b)fluoranthene	1.1		mg/kg
			Benzo(ghi)perylene	0.79		mg/kg
			Benzo(k)fluoranthene	0.44		mg/kg
			Chrysene	0.7		mg/kg
			Dibenz(a,h)anthracene	0.042	J	mg/kg
			Fluoranthene	0.5		mg/kg
			Indeno(1,2,3-cd)pyrene	0.66		mg/kg
			Phenanthrene	0.28	J	mg/kg
			Phenol	0.38	J	mg/kg
			Pyrene	0.86		mg/kg
LSSC-02						
	CS1015	10-15				
			bis(2-Ethylhexyl) phthalate	0.46		mg/kg
LSSC-04						
	CS0610	6-10				
			bis(2-Ethylhexyl) phthalate	0.19	J	mg/kg
LSSC-06						
	CS1015	10-15				
			1,2,4-Trichlorobenzene	150		mg/kg
	CS1015D	10-15				
			1,2,4-Trichlorobenzene	130		mg/kg
LSSC-07						
	CS1015	10-15				
			Benzo(a)pyrene	0.64		mg/kg
			Benzo(ghi)perylene	0.045	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.39	J	mg/kg
	CS2426	24-26				
			1,2,4,5-Tetrachlorobenzene	9		mg/kg
			1,2,4-Trichlorobenzene	290		mg/kg
			1,2-Dichlorobenzene	2.8	J	mg/kg
			1,4-Dichlorobenzene	3.7	J	mg/kg
LSSC-08						

Table 4-4 Detected SVOC Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
	CS1015	10-15				
			1,2,4-Trichlorobenzene	0.41	J	mg/kg
			Benzo(ghi)perylene	0.053	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.34	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.29	J	mg/kg
			Indeno(1,2,3-cd)pyrene	0.039		mg/kg
	CS1015D	10-15				
			bis(2-Ethylhexyl) phthalate	0.32	J	mg/kg
	CS2123	21-23				
			1,2,4,5-Tetrachlorobenzene	1.2		mg/kg
			2-Methylnaphthalene	0.29	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.15	J	mg/kg
			Phenanthrene	0.39	J	mg/kg
LSSC-09						
	CS1015	10-15				
			1,2,4-Trichlorobenzene	0.36	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.18	J	mg/kg
LSSC-11						
	CS1015	10-15				
			Benzo(a)anthracene	0.51		mg/kg
			Benzo(a)pyrene	0.44		mg/kg
			Benzo(b)fluoranthene	0.46		mg/kg
			Benzo(ghi)perylene	0.18	J	mg/kg
			Benzo(k)fluoranthene	0.25	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.23	J	mg/kg
			Chrysene	0.54		mg/kg
			Fluoranthene	0.93		mg/kg
			Indeno(1,2,3-cd)pyrene	0.17	J	mg/kg
			Phenanthrene	0.28	J	mg/kg
			Pyrene	1		mg/kg
	CS1517	15-17				
			1,2,4-Trichlorobenzene	1.3		mg/kg
			1,4-Dichlorobenzene	0.18	J	mg/kg
			2-Methylnaphthalene	0.35	J	mg/kg
			Acenaphthene	0.32	J	mg/kg
			Anthracene	0.23	J	mg/kg
			Benzo(a)anthracene	0.47		mg/kg

Table 4-4 Detected SVOC Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Benzo(a)pyrene	0.36	J	mg/kg
			Benzo(b)fluoranthene	0.48		mg/kg
			Benzo(k)fluoranthene	0.19	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.32	J	mg/kg
			Chrysene	0.58		mg/kg
			Fluoranthene	1.1		mg/kg
			Fluorene	0.28		mg/kg
			Indeno(1,2,3-cd)pyrene	0.036		mg/kg
			Phenanthrene	1.3		mg/kg
			Pyrene	1.2		mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
LSSC-01						
	CS0610	6-10				
			Antimony	1.6		mg/kg
			Arsenic	7.7		mg/kg
			Barium	116		mg/kg
			Beryllium	0.69		mg/kg
			Cadmium	0.45	B	mg/kg
			Chromium	28.4		mg/kg
			Cobalt	10.1		mg/kg
			Copper	85.4		mg/kg
			Lead	38.8		mg/kg
			Mercury	0.11	B	mg/kg
			Nickel	14.5		mg/kg
			Selenium	0.55	B	mg/kg
			Tin	5.9	B	mg/kg
			Vanadium	30.2		mg/kg
			Zinc	86.9		mg/kg
	CS0610 DUP	6-10				
			Antimony	1.4		mg/kg
			Arsenic	8.6		mg/kg
			Barium	49.9		mg/kg
			Beryllium	0.45		mg/kg
			Cadmium	0.48		mg/kg
			Chromium	24.3		mg/kg
			Cobalt	12.1		mg/kg
			Copper	101		mg/kg
			Lead	40.9		mg/kg
			Nickel	17.2		mg/kg
			Tin	5.2		mg/kg
			Vanadium	21.4		mg/kg
			Zinc	89.7		mg/kg
LSSC-02						
	CS1015	10-15				
			Antimony	0.89		mg/kg
			Antimony	0.77	B	mg/kg
			Arsenic	7.2		mg/kg
			Arsenic	8.1		mg/kg

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Units
			Barium	102		mg/kg
			Barium	88.5		mg/kg
			Beryllium	0.43		mg/kg
			Beryllium	0.37	B	mg/kg
			Cadmium	0.18	B	mg/kg
			Cadmium	0.21		mg/kg
			Chromium	13.1		mg/kg
			Chromium	10.8		mg/kg
			Cobalt	8.8		mg/kg
			Cobalt	8.7		mg/kg
			Copper	28.9		mg/kg
			Copper	32.5		mg/kg
			Lead	12.7		mg/kg
			Lead	15.9		mg/kg
			Nickel	14.1		mg/kg
			Nickel	14.5		mg/kg
			Vanadium	13.6		mg/kg
			Vanadium	16.9		mg/kg
			Zinc	34.4		mg/kg
			Zinc	28.7		mg/kg
LSSC-04						
	CS0610	6-10				
			Antimony	1.5		mg/kg
			Arsenic	10.1		mg/kg
			Barium	56.3		mg/kg
			Beryllium	0.52	B	mg/kg
			Cadmium	0.66		mg/kg
			Chromium	20		mg/kg
			Cobalt	9		mg/kg
			Copper	64.4		mg/kg
			Lead	48.8		mg/kg
			Mercury	0.038	B	mg/kg
			Nickel	17.3		mg/kg
			Thallium	0.62	B	mg/kg
			Vanadium	24.3		mg/kg
			Zinc	43.2		mg/kg
LSSC-06						
	CS1015	10-15				

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Arsenic	2.3		mg/kg
			Barium	40		mg/kg
			Beryllium	0.28	B	mg/kg
			Cadmium	0.085	B	mg/kg
			Chromium	8.4		mg/kg
			Cobalt	6.9		mg/kg
			Copper	30.9		mg/kg
			Lead	12.3		mg/kg
			Nickel	11.7		mg/kg
			Selenium	0.39	B	mg/kg
			Tin	3.2	B	mg/kg
			Vanadium	8.1		mg/kg
			Zinc	50.1		mg/kg
	CS1015 DUP	10-15				
			Mercury	0.015		mg/kg
	CS1015D	10-15				
			Antimony	0.2	B	mg/kg
			Arsenic	2.6		mg/kg
			Barium	32		mg/kg
			Beryllium	0.25	B	mg/kg
			Cadmium	0.092	B	mg/kg
			Chromium	8.3		mg/kg
			Cobalt	6.9		mg/kg
			Copper	31.3		mg/kg
			Lead	11.7		mg/kg
			Mercury	0.041	B	mg/kg
			Nickel	12.1		mg/kg
			Selenium	0.35	B	mg/kg
			Vanadium	7		mg/kg
			Zinc	47.6		mg/kg
LSSC-07						
	CS1015	10-15				
			Antimony	0.42	B	mg/kg
			Arsenic	2.1		mg/kg
			Barium	29.4		mg/kg
			Beryllium	0.26	B	mg/kg
			Cadmium	0.13	B	mg/kg

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Chromium	8.1		mg/kg
			Cobalt	7.6		mg/kg
			Copper	9.8		mg/kg
			Lead	6.7		mg/kg
			Nickel	11.7		mg/kg
			Vanadium	8.4		mg/kg
			Zinc	43.2		mg/kg
	CS2426	24-26				
			Antimony	0.24	B	mg/kg
			Arsenic	8.3		mg/kg
			Barium	12.8	B	mg/kg
			Beryllium	0.11	B	mg/kg
			Cadmium	0.38	B	mg/kg
			Chromium	9		mg/kg
			Cobalt	12.9		mg/kg
			Copper	35.4		mg/kg
			Lead	11.6		mg/kg
			Mercury	0.026	B	mg/kg
			Nickel	16.9		mg/kg
			Vanadium	6		mg/kg
			Zinc	49		mg/kg
LSSC-08						
	CS1015	10-15				
			Antimony	0.28	B	mg/kg
			Arsenic	8.6		mg/kg
			Arsenic	2.1		mg/kg
			Barium	85.3		mg/kg
			Barium	25.9	B	mg/kg
			Beryllium	0.61	B	mg/kg
			Beryllium	0.26	B	mg/kg
			Cadmium	0.34	B	mg/kg
			Cadmium	0.1	B	mg/kg
			Chromium	13.8		mg/kg
			Chromium	7.9		mg/kg
			Cobalt	8.6		mg/kg
			Cobalt	5.6	B	mg/kg
			Copper	9.8		mg/kg

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Units
			Copper	18.3		mg/kg
			Lead	13.6		mg/kg
			Lead	7.1		mg/kg
			Nickel	19.6		mg/kg
			Nickel	11.7		mg/kg
			Selenium	0.43	B	mg/kg
			Thallium	0.71	B	mg/kg
			Vanadium	7.7		mg/kg
			Vanadium	23.3		mg/kg
			Zinc	40.4		mg/kg
			Zinc	47.9		mg/kg
	CS1015D	10-15				
			Antimony	0.17	B	mg/kg
			Arsenic	2.2		mg/kg
			Barium	32.4		mg/kg
			Beryllium	0.32	B	mg/kg
			Cadmium	0.19	B	mg/kg
			Chromium	9.8		mg/kg
			Cobalt	8.7		mg/kg
			Copper	11.7		mg/kg
			Lead	8.8		mg/kg
			Mercury	0.016	B	mg/kg
			Nickel	14.4		mg/kg
			Selenium	0.43	B	mg/kg
			Thallium	0.79	B	mg/kg
			Tin	3.6	B	mg/kg
			Vanadium	9.9		mg/kg
			Zinc	51.4		mg/kg
	CS2123	21-23				
			Antimony	0.27	B	mg/kg
			Arsenic	6.1		mg/kg
			Barium	23.6	B	mg/kg
			Beryllium	0.24	B	mg/kg
			Cadmium	0.23	B	mg/kg
			Chromium	17.4		mg/kg
			Cobalt	12.2		mg/kg
			Copper	25.6		mg/kg

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Lead	9.7		mg/kg
			Nickel	21.9		mg/kg
			Vanadium	8.1		mg/kg
			Zinc	62.5		mg/kg
LSSC-09						
	CS1015	10-15				
			Antimony	0.23	B	mg/kg
			Arsenic	2.1		mg/kg
			Barium	40.5		mg/kg
			Beryllium	0.34	B	mg/kg
			Cadmium	0.17	B	mg/kg
			Chromium	9.6		mg/kg
			Cobalt	8.8		mg/kg
			Copper	28.4		mg/kg
			Lead	10.6		mg/kg
			Mercury	0.017	B	mg/kg
			Nickel	13.2		mg/kg
			Selenium	0.4	B	mg/kg
			Vanadium	10.3		mg/kg
			Zinc	59.9		mg/kg
LSSC-10						
	CS1015	10-15				
			Antimony	0.22	B	mg/kg
			Arsenic	6.7		mg/kg
			Barium	12	B	mg/kg
			Beryllium	0.15	B	mg/kg
			Cadmium	0.29	B	mg/kg
			Chromium	12.3		mg/kg
			Cobalt	19.7		mg/kg
			Copper	36.6		mg/kg
			Lead	11.9		mg/kg
			Nickel	28.7		mg/kg
			Vanadium	8.7		mg/kg
			Zinc	81.6		mg/kg
LSSC-11						
	CS1015	10-15				
			Antimony	0.29	B	mg/kg
			Arsenic	2.4		mg/kg

Table 4-5 Detected Metals Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Barium	34.6		mg/kg
			Beryllium	0.3	B	mg/kg
			Cadmium	0.23	B	mg/kg
			Chromium	10.9		mg/kg
			Cobalt	8.4		mg/kg
			Copper	12.3		mg/kg
			Lead	12.6		mg/kg
			Mercury	0.077	B	mg/kg
			Nickel	11.6		mg/kg
			Vanadium	10.2		mg/kg
			Zinc	52.1		mg/kg
	CS1517	15-17				
			Arsenic	0.94	B	mg/kg
			Barium	9.6	B	mg/kg
			Beryllium	0.084	B	mg/kg
			Cadmium	0.048	B	mg/kg
			Chromium	6.1		mg/kg
			Cobalt	3.9	B	mg/kg
			Copper	3.9		mg/kg
			Lead	2.8		mg/kg
			Nickel	6		mg/kg
			Vanadium	3.5	B	mg/kg
			Zinc	22.6		mg/kg

Qualifier

B Result is between MDL and RL

Table 4-6 Detected Dioxin and Furan Soil Concentrations, Lyman Street Site.

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
LSSC-01	CS0610	6-10				
			1,2,3,4,6,7,8-HpCDF	0.00001		ug/kg
			1,2,3,4,7,8-HxCDF	0.0000096		ug/kg
			1,2,3,6,7,8-HxCDF	0.0000046	j	ug/kg
			1,2,3,7,8-PeCDF	0.0000032	j	ug/kg
			2,3,4,7,8-PeCDF	0.0000034	j	ug/kg
			2,3,7,8-TCDF	0.0000083	g	ug/kg
			HpCDDs (total)	0.0000061		ug/kg
			HpCDFs (total)	0.000019		ug/kg
			HxCDFs (total)	0.000048		ug/kg
			OCDD	0.000042		ug/kg
			OCDF	0.0000076	j	ug/kg
			PeCDFs (total)	0.00004		ug/kg
			TCDFs (total)	0.000055		ug/kg
LSSC-02	CS1015	10-15				
			TCDDs (total)	0.000005		ug/kg
LSSC-04	CS0610	6-10				
			1,2,3,4,6,7,8-HpCDD	0.0000048	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00002		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0000042	j	ug/kg
			1,2,3,4,7,8-HxCDF	0.000015		ug/kg
			1,2,3,6,7,8-HxCDF	0.000015		ug/kg
			1,2,3,7,8-PeCDF	0.000015		ug/kg
			2,3,4,6,7,8-HxCDF	0.0000071		ug/kg
			2,3,4,7,8-PeCDF	0.0000085		ug/kg
			2,3,7,8-TCDF	0.000023	g	ug/kg
			HpCDDs (total)	0.000011		ug/kg
			HpCDFs (total)	0.000055		ug/kg
			HxCDDs (total)	0.000014		ug/kg
			HxCDFs (total)	0.00014		ug/kg
			OCDD	0.000051		ug/kg
			OCDF	0.000014		ug/kg
			PeCDFs (total)	0.00016		ug/kg
			TCDDs (total)	0.000014		ug/kg
			TCDFs (total)	0.00016		ug/kg
LSSC-06	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.00038		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0024		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0027		ug/kg

Table 4-6 Detected Dioxin and Furan Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			1,2,3,4,7,8-HxCDD	0.000041		ug/kg
			1,2,3,4,7,8-HxCDF	0.0065	E	ug/kg
			1,2,3,6,7,8-HxCDD	0.000076		ug/kg
			1,2,3,6,7,8-HxCDF	0.0029	E	ug/kg
			1,2,3,7,8,9-HxCDD	0.000043		ug/kg
			1,2,3,7,8,9-HxCDF	0.000096		ug/kg
			1,2,3,7,8-PeCDD	0.000035		ug/kg
			1,2,3,7,8-PeCDF	0.00036		ug/kg
			2,3,4,6,7,8-HxCDF	0.00033		ug/kg
			2,3,4,7,8-PeCDF	0.0016		ug/kg
			2,3,7,8-TCDF	0.00016	g	ug/kg
			HpCDDs (total)	0.00089		ug/kg
			HpCDFs (total)	0.0078		ug/kg
			HxCDDs (total)	0.0013		ug/kg
			HxCDFs (total)	0.017		ug/kg
			OCDD	0.0021		ug/kg
			OCDF	0.0027		ug/kg
			PeCDDs (total)	0.00048		ug/kg
			PeCDFs (total)	0.012		ug/kg
			TCDDs (total)	0.00053		ug/kg
			TCDFs (total)	0.004		ug/kg
LSSC-07	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDF	0.0000058	j	ug/kg
			1,2,3,4,7,8-HxCDF	0.0000039	j	ug/kg
			2,3,7,8-TCDF	0.0000014	g	ug/kg
			HpCDFs (total)	0.000015		ug/kg
			HxCDFs (total)	0.000033		ug/kg
			OCDD	0.000011	j	ug/kg
			PeCDFs (total)	0.000015		ug/kg
			TCDFs (total)	0.000022		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.0053	E	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.007	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0065	E	ug/kg
			1,2,3,4,7,8-HxCDD	0.00039		ug/kg
			1,2,3,4,7,8-HxCDF	0.012	E	ug/kg
			1,2,3,6,7,8-HxCDD	0.00021		ug/kg
			1,2,3,6,7,8-HxCDF	0.0047	E	ug/kg
			1,2,3,7,8,9-HxCDD	0.00024		ug/kg
			1,2,3,7,8,9-HxCDF	0.00016		ug/kg

Table 4-6 Detected Dioxin and Furan Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			1,2,3,7,8-PeCDD	0.00013		ug/kg
			1,2,3,7,8-PeCDF	0.00059		ug/kg
			2,3,4,6,7,8-HxCDF	0.0008		ug/kg
			2,3,4,7,8-PeCDF	0.0021		ug/kg
			2,3,7,8-TCDD	0.000026		ug/kg
			2,3,7,8-TCDF	0.00017	gF	ug/kg
			HpCDDs (total)	0.0086		ug/kg
			HpCDFs (total)	0.024		ug/kg
			HxCDDs (total)	0.0025		ug/kg
			HxCDFs (total)	0.034		ug/kg
			OCDD	0.04	E	ug/kg
			OCDF	0.017	E	ug/kg
			PeCDDs (total)	0.00022		ug/kg
			PeCDFs (total)	0.018		ug/kg
			TCDDs (total)	0.0013		ug/kg
			TCDFs (total)	0.0062		ug/kg
LSSC-08	CS1015	10-15				
			2,3,7,8-TCDF	9.4E-07	gj	ug/kg
			OCDD	0.000011	j	ug/kg
			TCDFs (total)	0.0000086		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.00023		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00044		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00043		ug/kg
			1,2,3,4,7,8-HxCDD	0.000016		ug/kg
			1,2,3,4,7,8-HxCDF	0.0011		ug/kg
			1,2,3,6,7,8-HxCDD	0.000019		ug/kg
			1,2,3,6,7,8-HxCDF	0.0005		ug/kg
			1,2,3,7,8,9-HxCDD	0.000016		ug/kg
			1,2,3,7,8,9-HxCDF	0.000013		ug/kg
			1,2,3,7,8-PeCDF	0.000058		ug/kg
			2,3,4,6,7,8-HxCDF	0.000079		ug/kg
			2,3,4,7,8-PeCDF	0.00022		ug/kg
			2,3,7,8-TCDF	0.000025	g	ug/kg
			HpCDDs (total)	0.00039		ug/kg
			HpCDFs (total)	0.0015		ug/kg
			HxCDDs (total)	0.0002		ug/kg
			HxCDFs (total)	0.003		ug/kg
			OCDD	0.0018		ug/kg
			OCDF	0.001		ug/kg

Table 4-6 Detected Dioxin and Furan Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			PeCDFs (total)	0.0017		ug/kg
			TCDDs (total)	0.00015		ug/kg
			TCDFs (total)	0.0009		ug/kg
LSSC-09	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.000012		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.000045		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00035		ug/kg
			1,2,3,4,7,8-HxCDF	0.0012		ug/kg
			1,2,3,6,7,8-HxCDF	0.00066		ug/kg
			1,2,3,7,8,9-HxCDD	0.0000039	j	ug/kg
			1,2,3,7,8,9-HxCDF	0.000014		ug/kg
			1,2,3,7,8-PeCDF	0.00012		ug/kg
			2,3,4,6,7,8-HxCDF	0.00013		ug/kg
			2,3,4,7,8-PeCDF	0.0003		ug/kg
			2,3,7,8-TCDF	0.000064	g	ug/kg
			HpCDDs (total)	0.00002		ug/kg
			HpCDFs (total)	0.0012		ug/kg
			HxCDDs (total)	0.000023		ug/kg
			HxCDFs (total)	0.0038		ug/kg
			OCDD	0.000023		ug/kg
			OCDF	0.00054		ug/kg
			PeCDFs (total)	0.0026		ug/kg
			TCDDs (total)	0.0000039		ug/kg
			TCDFs (total)	0.00091		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.0000068	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00018		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00012		ug/kg
			1,2,3,4,7,8-HxCDF	0.00043		ug/kg
			1,2,3,6,7,8-HxCDF	0.00028		ug/kg
			1,2,3,7,8,9-HxCDF	0.0000052	j	ug/kg
			1,2,3,7,8-PeCDF	0.00005		ug/kg
			2,3,4,6,7,8-HxCDF	0.000056		ug/kg
			2,3,4,7,8-PeCDF	0.0001		ug/kg
			2,3,7,8-TCDF	0.000033	g	ug/kg
			HpCDDs (total)	0.000015		ug/kg
			HpCDFs (total)	0.00048		ug/kg
			HxCDDs (total)	0.000011		ug/kg
			HxCDFs (total)	0.0014		ug/kg
			OCDD	0.000019		ug/kg

Table 4-6 Detected Dioxin and Furan Soil Concentrations, Lyman Street Site (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			OCDF	0.00024		ug/kg
			PeCDFs (total)	0.00099		ug/kg
			TCDDs (total)	0.00001		ug/kg
			TCDFs (total)	0.00046		ug/kg
LSSC-11	CS1015	10-15				
			2,3,7,8-TCDF	0.0000016	g	ug/kg
			HxCDFs (total)	0.00001		ug/kg
			OCDD	0.0000085		ug/kg
			PeCDFs (total)	0.0000093		ug/kg
			TCDFs (total)	0.000013		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.000015		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00018		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00016		ug/kg
			1,2,3,4,7,8-HxCDF	0.00036		ug/kg
			1,2,3,6,7,8-HxCDD	0.0000039		ug/kg
			1,2,3,6,7,8-HxCDF	0.00017		ug/kg
			1,2,3,7,8,9-HxCDD	0.0000038		ug/kg
			1,2,3,7,8,9-HxCDF	0.0000057		ug/kg
			1,2,3,7,8-PeCDF	0.000037		ug/kg
			2,3,4,6,7,8-HxCDF	0.00003		ug/kg
			2,3,4,7,8-PeCDF	0.00008		ug/kg
			2,3,7,8-TCDF	0.000023	g	ug/kg
			HpCDDs (total)	0.000034		ug/kg
			HpCDFs (total)	0.00058		ug/kg
			HxCDDs (total)	0.000039		ug/kg
			HxCDFs (total)	0.0011		ug/kg
			OCDD	0.000071		ug/kg
			OCDF	0.00048		ug/kg
			PeCDFs (total)	0.00091		ug/kg
			TCDDs (total)	0.000035		ug/kg
			TCDFs (total)	0.00043		ug/kg

Qualifier

- j *Result is an estimated value that is below the lower calibration limit but above the target detection level.*
- *g* *2, 3, 7, 8, -TCDF results have been confirmed on a DB-225 column.*
- *E* *Result exceeds calibration range.*
- *F* *Reported value estimated due to an interference.*

Table 5-3. Detected Soil VOC Concentrations, Lyman Street Site

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-16							
	CS1015	10-15					
			Acetone	0.0075	J		mg/kg
	CS2527	25-27					
			Carbon tetrachloride	0.057			mg/kg
			Ethylbenzene	0.0021	J		mg/kg
			Tetrachloroethene	0.0042	J		mg/kg
			Trichloroethene	0.006			mg/kg
			Xylenes (total)	0.077			mg/kg
LSSC-19							
	SS07	10-12					
			Tetrachloroethene	0.013			mg/kg
			Trichloroethene	0.19			mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 5-4. Detected Soil SVOC Concentrations, Lyman Street Site

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-16							
	CS2527	25-27					
			1,2,4-Trichlorobenzene	150			mg/kg
LSSC-17							
	CS1015	10-15					
			Benzo(a)pyrene	0.39	J		mg/kg
	CS1015 DUP	10-15					
			Benzo(a)pyrene	0.44	J		mg/kg
	CS2325	23-25					
			1,2,4-Trichlorobenzene	8.6			mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 5-5. Detected Soil Metals Concentrations, Lyman Street Site

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-16							
	CS1015	10-15					
			Arsenic	2			mg/kg
			Barium	11.1	B		mg/kg
			Beryllium	0.14	B		mg/kg
			Cadmium	0.077	B		mg/kg
			Chromium	7.4			mg/kg
			Cobalt	6.1			mg/kg
			Copper	6.9			mg/kg
			Lead	4.5			mg/kg
			Nickel	9.8			mg/kg
			Selenium	0.41	B		mg/kg
			Thallium	0.84	B		mg/kg
			Tin	3.4	B		mg/kg
			Vanadium	5.9	B		mg/kg
			Zinc	34.6			mg/kg
	CS1015 DUP	10-15					
			Antimony	0.19			mg/kg
			Arsenic	2.9			mg/kg
			Barium	11.1			mg/kg
			Beryllium	0.2			mg/kg
			Cadmium	0.043			mg/kg
			Chromium	8			mg/kg
			Cobalt	8.3			mg/kg
			Copper	17.5			mg/kg
			Lead	6.7			mg/kg
			Nickel	21.1			mg/kg
			Selenium	0.43			mg/kg
			Vanadium	8			mg/kg
			Zinc	51.6			mg/kg
	CS2527	25-27					
			Arsenic	8.1			mg/kg
			Barium	17.7	B		mg/kg
			Beryllium	0.13	B		mg/kg
			Cadmium	0.48	B		mg/kg
			Chromium	12.2			mg/kg

Table 5-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Cobalt	15.3			mg/kg
			Copper	34			mg/kg
			Lead	14.2			mg/kg
			Mercury	0.031	B		mg/kg
			Nickel	22.6			mg/kg
			Thallium	0.58	B		mg/kg
			Vanadium	9.4			mg/kg
			Zinc	69.5			mg/kg
LSSC-17							
	CS1015	10-15					
			Arsenic	2.2			mg/kg
			Barium	28.9			mg/kg
			Beryllium	0.25	B		mg/kg
			Cadmium	0.17	B		mg/kg
			Chromium	9.3			mg/kg
			Cobalt	7.3			mg/kg
			Copper	10.1			mg/kg
			Lead	7.7			mg/kg
			Mercury	0.016	B		mg/kg
			Nickel	12.3			mg/kg
			Selenium	0.33	B		mg/kg
			Thallium	0.74	B		mg/kg
			Vanadium	8.1			mg/kg
			Zinc	47.7			mg/kg
	CS1015 DUP	10-15					
			Antimony	0.18			mg/kg
			Arsenic	1.9			mg/kg
			Arsenic	2.3			mg/kg
			Barium	31.5			mg/kg
			Barium	25.5			mg/kg
			Beryllium	0.24			mg/kg
			Beryllium	0.27	B		mg/kg
			Cadmium	0.18	B		mg/kg
			Cadmium	0.13			mg/kg
			Chromium	8.2			mg/kg
			Chromium	8.2			mg/kg
			Cobalt	7.8			mg/kg
			Cobalt	7			mg/kg

Table 5-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Copper	10.6			mg/kg
			Copper	9			mg/kg
			Lead	4.8			mg/kg
			Lead	4.5			mg/kg
			Mercury	0.015	B		mg/kg
			Nickel	11.3			mg/kg
			Nickel	13.7			mg/kg
			Thallium	0.87	B		mg/kg
			Tin	5.9			mg/kg
			Vanadium	8.2			mg/kg
			Vanadium	8.2			mg/kg
			Zinc	44.2			mg/kg
			Zinc	47.2			mg/kg
	CS2325	23-25					
			Arsenic	7.1			mg/kg
			Barium	13	B		mg/kg
			Beryllium	0.11	B		mg/kg
			Cadmium	0.41	B		mg/kg
			Chromium	10.3			mg/kg
			Cobalt	11.6			mg/kg
			Copper	23.6			mg/kg
			Lead	8.5			mg/kg
			Nickel	19.1			mg/kg
			Silver	0.084	B		mg/kg
			Vanadium	6.9			mg/kg
			Zinc	50.9			mg/kg
LSSC-18							
	CS1015	10-15					
			Aluminum	6600			mg/kg
			Arsenic	25.4			mg/kg
			Barium	88.3			mg/kg
			Calcium, Total	5940			mg/kg
			Chromium	18.6			mg/kg
			Copper	72.5			mg/kg
			Iron	25600			mg/kg
			Magnesium	3590			mg/kg
			Manganese	245			mg/kg
			Mercury	0.17	!		mg/kg

Table 5-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Nickel	17.3			mg/kg
			Potassium, Total	841		!	mg/kg
			Sulfide	298			mg/kg
			Vanadium	20			mg/kg
			Zinc	42.1			mg/kg
LSSC-19							
	CS1015	10-15					
			Aluminum	8750			mg/kg
			Arsenic	3.4			mg/kg
			Barium	4.3			mg/kg
			Calcium, Total	1510			mg/kg
			Chromium	9.9			mg/kg
			Copper	28.2			mg/kg
			Iron	21000			mg/kg
			Magnesium	4260			mg/kg
			Manganese	540			mg/kg
			Nickel	18.5			mg/kg
			Potassium, Total	136		!	mg/kg
			Sulfide	144			mg/kg
			Zinc	74.3			mg/kg

Qualifier

B *Result is between MDL and RL*

! *Result is between MDL and LOQ*

Table 5-6. Detected Soil Dioxin and Dibenzofuran Concentrations, Lyman Street Site

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-16							
	CS1015	10-15					
			1,2,3,4,6,7,8-HpCDD	0.01841	J		µg/kg
			1,2,3,4,6,7,8-HpCDF	0.01017	J		µg/kg
			OCDD	0.12572			µg/kg
			OCDF	0.01525	J		µg/kg
			TOTAL HpCDD	0.03083			µg/kg
			TOTAL HpCDF	0.01585	J		µg/kg
	CS2527	25-27					
			1,2,3,4,6,7,8-HpCDD	2.13501	E		µg/kg
			1,2,3,4,6,7,8-HpCDF	2.56241	E		µg/kg
			1,2,3,4,7,8,9-HpCDF	1.57278			µg/kg
			1,2,3,4,7,8-HxCDD	0.10386			µg/kg
			1,2,3,4,7,8-HxCDF	4.26784	E		µg/kg
			1,2,3,6,7,8-HxCDD	0.08888			µg/kg
			1,2,3,6,7,8-HxCDF	1.72669			µg/kg
			1,2,3,7,8,9-HxCDD	0.08315			µg/kg
			1,2,3,7,8-PeCDD	0.04061			µg/kg
			1,2,3,7,8-PeCDF	0.1878			µg/kg
			2,3,4,6,7,8-HxCDF	0.17033			µg/kg
			2,3,4,7,8-PeCDF	0.68308			µg/kg
			2,3,7,8-TCDF	0.44785	E		µg/kg
			OCDD	16.496	E		µg/kg
			OCDF	7.07344			µg/kg
			TOTAL HpCDD	3.667	E		µg/kg
			TOTAL HpCDF	7.62763	E		µg/kg
			TOTAL HxCDD	2.13289	E		µg/kg
			TOTAL HxCDF	13.2839	E		µg/kg
			TOTAL PeCDD	0.32742			µg/kg
			TOTAL PeCDF	6.76195	E		µg/kg
			TOTAL TCDD	0.39254			µg/kg
			TOTAL TCDF	2.65886	E		µg/kg
LSSC-17							
	CS1015	10-15					
			OCDD	0.00598	J		µg/kg
	CS1015 DUP	10-15					
			1,2,3,4,6,7,8-HpCDD	0.00294	J		µg/kg

Table 5-6. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			OCDD	0.01599	J		µg/kg
			OCDF	0.00384	J		µg/kg
			TOTAL HpCDD	0.00678	J		µg/kg
	CS2325	23-25					
			1,2,3,4,6,7,8-HpCDD	0.38188			µg/kg
			1,2,3,4,6,7,8-HpCDF	0.36497			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.25533			µg/kg
			1,2,3,4,7,8-HxCDD	0.01747			µg/kg
			1,2,3,4,7,8-HxCDF	0.50795			µg/kg
			1,2,3,6,7,8-HxCDD	0.01527			µg/kg
			1,2,3,6,7,8-HxCDF	0.18806			µg/kg
			1,2,3,7,8,9-HxCDD	0.01590			µg/kg
			1,2,3,7,8,9-HxCDF	0.01459			µg/kg
			1,2,3,7,8-PeCDD	0.00808			µg/kg
			1,2,3,7,8-PeCDF	0.01700			µg/kg
			2,3,4,6,7,8-HxCDF	0.02659			µg/kg
			2,3,4,7,8-PeCDF	0.08416			µg/kg
			2,3,7,8-TCDF	0.04121			µg/kg
			OCDD	2.88819			µg/kg
			OCDF	1.17960			µg/kg
			TOTAL HpCDD	0.63770			µg/kg
			TOTAL HpCDF	1.14921			µg/kg
			TOTAL HxCDD	0.24762			µg/kg
			TOTAL HxCDF	1.40507			µg/kg
			TOTAL PeCDD	0.04813			µg/kg
			TOTAL PeCDF	0.68267			µg/kg
			TOTAL TCDD	0.07216			µg/kg
			TOTAL TCDF	0.17943			µg/kg
LSSC-18							
	CS1015	10-15					
			2,3,7,8-TCDF	0.00434			µg/kg
			TOTAL TCDF	0.00715			µg/kg
LSSC-19							
	CS1015	10-15					
			1,2,3,4,6,7,8-HpCDD	0.04162			µg/kg
			1,2,3,4,6,7,8-HpCDF	0.54708			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.43004			µg/kg
			1,2,3,4,7,8-HxCDD	0.00706	J		µg/kg

Table 5-6. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			1,2,3,4,7,8-HxCDF	1.35815			µg/kg
			1,2,3,6,7,8-HxCDD	0.01327			µg/kg
			1,2,3,6,7,8-HxCDF	0.50428			µg/kg
			1,2,3,7,8,9-HxCDD	0.01095			µg/kg
			1,2,3,7,8-PeCDF	0.05479			µg/kg
			2,3,4,6,7,8-HxCDF	0.32648			µg/kg
			2,3,4,7,8-PeCDF	0.20862			µg/kg
			2,3,7,8-TCDF	0.06378			µg/kg
			OCDD	0.10117			µg/kg
			OCDF	0.67235			µg/kg
			TOTAL HpCDD	0.11309			µg/kg
			TOTAL HpCDF	1.5546			µg/kg
			TOTAL HxCDD	0.13931			µg/kg
			TOTAL HxCDF	4.07838		E	µg/kg
			TOTAL PeCDD	0.06057			µg/kg
			TOTAL PeCDF	2.43457			µg/kg
			TOTAL TCDD	0.09649			µg/kg
			TOTAL TCDF	0.66038			µg/kg

Qualifier

- J *Result is an estimated value that is below the lower calibration limit but above the target detection level.*
- g *2, 3, 7, 8, -TCDF results have been confirmed on a DB-225 column.*
- E *Result exceeds calibration range.*
- F *Reported value estimated due to an interference.*
- a *See narrative.*
- s *Result detected is below the lowest standard and above zero.*
- D *Compound quantified using a secondary dilution.*

Table 3-2. Detected Soil VOC Concentration Data

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-31							
	SS04	5-6					
			Acetone	0.045			mg/kg
LSSC-34I							
	SS13	24-26					
			Acetone	0.0053	J		mg/kg
			Methylene chloride	0.0028	J		mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 3-3. Detected Soil SVOC Concentration Data

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-31							
	CS0610	6-10					
			Acenaphthylene	2.5			mg/kg
			Anthracene	1.1	J		mg/kg
			Benzo(a)anthracene	6.2			mg/kg
			Benzo(a)pyrene	10			mg/kg
			Benzo(b)fluoranthene	5.1			mg/kg
			Benzo(ghi)perylene	4.8			mg/kg
			Benzo(k)fluoranthene	5.1			mg/kg
			Chrysene	7.2			mg/kg
			Dibenz(a,h)anthracene	1.4	J		mg/kg
			Fluoranthene	8.5			mg/kg
			Indeno(1,2,3-cd)pyrene	4.3			mg/kg
			Phenanthrene	4.8			mg/kg
			Pyrene	14			mg/kg
LSSC-34I							
	CS2428	24-28					
			bis(2-Ethylhexyl) phthalate	0.3	J		mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 3-4. Detected Soil Dioxin and Dibenzofuran Concentrations Data

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-31							
	CS0610	6-10					
			1,2,3,4,6,7,8-HpCDD	0.0064	J		µg/kg
			1,2,3,4,6,7,8-HpCDF	0.037			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.0079			µg/kg
			1,2,3,4,7,8-HxCDF	0.025			µg/kg
			1,2,3,6,7,8-HxCDF	0.017			µg/kg
			1,2,3,7,8-PeCDF	0.015			µg/kg
			2,3,4,6,7,8-HxCDF	0.0067	J		µg/kg
			2,3,4,7,8-PeCDF	0.016			µg/kg
			2,3,7,8-TCDF	0.035	g		µg/kg
			OCDD	0.02			µg/kg
			OCDF	0.041			µg/kg
			TOTAL HpCDD	0.012			µg/kg
			TOTAL HpCDF	0.059			µg/kg
			TOTAL HxCDF	0.11			µg/kg
			TOTAL PeCDF	0.15			µg/kg
			TOTAL TCDD	0.0094			µg/kg
			TOTAL TCDF	0.3			µg/kg
LSSC-341							
	CS2428	24-28					
			1,2,3,4,6,7,8-HpCDF	0.0079			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.0071			µg/kg
			1,2,3,4,7,8-HxCDF	0.021			µg/kg
			1,2,3,6,7,8-HxCDF	0.0089			µg/kg
			2,3,4,7,8-PeCDF	0.0038	J		µg/kg
			OCDD	0.016			µg/kg
			OCDF	0.01	J		µg/kg
			TOTAL HpCDF	0.022			µg/kg
			TOTAL HxCDF	0.054			µg/kg
			TOTAL PeCDF	0.034			µg/kg
			TOTAL TCDD	0.0013			µg/kg
			TOTAL TCDF	0.081			µg/kg

Table 3-4. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units

Qualifier

J	*Result is an estimated value that is below the lower calibration limit but above the target detection level.*
g	*2,3,7,8-TCDF results have been confirmed on a DB-225 column.*
E	*Result exceeds calibration range.*
F	*Reported value estimated due to an interference.*
a	*See narrative.*
s	*Result detected is below the lowest standard and above zero.*
D	*Compound quantified using a secondary dilution.*

Table 3-5. Detected Soil Metals Concentration Data

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
LSSC-31							
	CS0610	6-10					
			Antimony	0.78	B		mg/kg
			Arsenic	5.9			mg/kg
			Barium	64.7			mg/kg
			Beryllium	0.41	B		mg/kg
			Cadmium	0.73	B		mg/kg
			Chromium	45.1			mg/kg
			Cobalt	11			mg/kg
			Copper	98.8			mg/kg
			Lead	137			mg/kg
			Mercury	0.53			mg/kg
			Nickel	19.1			mg/kg
			Selenium	1.1			mg/kg
			Silver	0.27	B		mg/kg
			Thallium	0.56	B		mg/kg
			Tin	13.3	B		mg/kg
			Vanadium	13.4			mg/kg
			Zinc	239			mg/kg
LSSC-34I							
	CS2428	24-28					
			Arsenic	4.9			mg/kg
			Barium	19	B		mg/kg
			Beryllium	0.27	B		mg/kg
			Cadmium	0.69			mg/kg
			Chromium	7.7			mg/kg
			Cobalt	8.8			mg/kg
			Copper	14.2			mg/kg
			Lead	6.8			mg/kg
			Mercury	0.017	B		mg/kg
			Nickel	16.5			mg/kg
			Silver	0.097	B		mg/kg
			Vanadium	7.2			mg/kg
			Zinc	90.4			mg/kg

Table 3-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units

Qualifier

B *Result is between MDL and RL*

! *Result is between MDL and LOQ*

TABLE A-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

LYMAN STREET AREA PRE-DESIGN INVESTIGATION
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	081898CT37 0-0.5 08/18/98	082498MS29 1-1.5 08/24/98	H2-RB010661-0-0020 2-2.5 11/24/98	H2-RB010761-0-0000 0-0.5 11/23/98	H2-RB010841-0-0010 1-1.5 11/20/98
Volatile Organics					
1,4-Dichlorobenzene	ND(0.37)	ND(0.35)	ND(0.39)	ND(0.40)	0.085 J
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.35)	ND(0.39)	0.022 J	ND(0.62)
2,4-Dimethylphenol	0.056 J	ND(0.35) J	ND(0.39) J	ND(0.40) J	ND(0.42) J
2-Methylnaphthalene	0.17 J	0.045 J	0.12 J	0.067 J	0.044 J
2-Methylphenol	0.070 J	ND(0.35) J	ND(0.39)	ND(0.40)	ND(0.42)
3,3'-Dimethylbenzidine	ND(0.37) J	0.35 R	ND(0.39) J	ND(0.40) J	ND(0.42)
4-Chloroaniline	ND(0.37)	0.35 R	ND(0.39)	ND(0.40)	ND(0.42)
4-Methylphenol	ND(0.37)	0.038 J	0.022 J	ND(0.40)	ND(0.42)
4-Nitroquinoline-1-oxide	ND(0.37)	0.35 R	ND(0.64)	0.40 R	ND(0.42)
Acenaphthene	0.17 J	ND(0.35) J	0.15 J	0.042 J	0.094 J
Acenaphthylene	0.19 J	0.041 J	0.10 J	0.089 J	0.064 J
Acetophenone	0.042 J	0.040 J	0.032 J	ND(0.40)	ND(0.42)
Aniline	ND(0.93)	0.89 R	ND(0.98)	ND(1.0)	ND(1.0)
Anthracene	0.72	0.035 J	0.42 J	0.13 J	0.23 J
Benzo(a)anthracene	2.4 J	0.13 J	1.6	0.86	0.97
Benzo(a)pyrene	2.7 J	0.17 J	1.9 J	0.92 J	1.2 J
Benzo(b)fluoranthene	2.3 J	0.18 J	1.3 J	0.81	0.87
Benzo(g,h,i)perylene	2.3 J	0.042 J	1.9 J	0.87 J	1.2 J
Benzo(k)fluoranthene	2.2 J	0.22 J	1.6 J	0.83	1.0 J
Benzyl Alcohol	0.10 J	0.052 J	ND(0.39) J	ND(0.40) J	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.37) J	0.050 J	ND(0.39)	ND(0.40)	ND(0.42)
Butylbenzylphthalate	ND(0.37) J	ND(0.35)	0.029 J	0.055 J	0.057 J
Chrysene	2.6 J	0.23 J	1.9	1.2	1.1
Dibenzo(a,h)anthracene	0.61 J	ND(0.35)	0.56 J	0.24 J	0.31 J
Dibenzofuran	0.22 J	0.032 J	0.11 J	0.070 J	0.049 J
Di-n-Butylphthalate	0.23 J	0.037 J	ND(0.39)	ND(0.40)	ND(0.42)
Fluoranthene	4.1 J	0.40 J	3.7	2.0	2.1
Fluorene	0.20 J	ND(0.35)	0.18 J	0.14 J	0.096 J
Hexachlorobenzene	ND(0.37)	ND(0.35)	ND(0.39)	ND(0.40)	ND(0.42)
Hexachlorobutadiene	ND(0.37)	0.35 R	ND(0.39)	ND(0.40)	ND(0.42)
Indeno(1,2,3-cd)pyrene	2.3 J	0.063 J	1.7 J	0.79 J	1.0 J
Isophorone	0.12 J	0.15 J	ND(0.39)	ND(0.40)	ND(0.42)
Naphthalene	0.30 J	0.079 J	0.20 J	0.10 J	0.11 J
Pentachlorobenzene	ND(0.37)	ND(0.35)	ND(0.39)	ND(0.40)	ND(0.42)
Phenanthrene	3.8	0.25 J	2.2	1.8	0.96
Phenol	0.52	0.080 J	ND(0.39)	ND(0.40)	0.064 J
Pyrene	6.4	0.29 J	3.7	1.9	2.3
Organochlorine Pesticides					
4,4'-DDE	ND(0.76)	ND(0.18)	ND(0.80)	ND(0.20)	ND(0.86)
4,4'-DDT	ND(0.76)	ND(0.18) J	ND(0.80)	ND(0.20)	ND(0.86)
Dieldrin	ND(0.76)	ND(0.18)	ND(0.80)	ND(0.20)	1.3 R
Heptachlor Epoxide	ND(0.38)	ND(0.091)	ND(0.40)	ND(0.10)	ND(0.43)
Kepone	2.7 R	0.70 R	0.72 R	0.87 R	5.6 R
Organophosphate Pesticides					
None Detected	--	--	--	--	--
Herbicides					
2,4,5-T	NA	ND(0.0052) J	NA	NA	NA
2,4,5-TP	NA	ND(0.0052)	NA	NA	NA
2,4-D	NA	ND(0.050)	NA	NA	NA
Furans					
2,3,7,8-TCDF	0.00010	0.000070	0.000038	0.000039	0.000039
TCDFs (total)	0.0013 J	0.00058 J	0.00048 J	0.00086 J	0.0016 J
1,2,3,7,8-PeCDF	0.000059	0.000025	0.000030	0.000021	0.000011
2,3,4,7,8-PeCDF	0.000080	0.000039	0.000046	0.000047	0.000083
PeCDFs (total)	0.0012 J	0.00061 J	0.00057 J	0.0012 J	0.0024 J
1,2,3,4,7,8-HxCDF	0.00011	0.000033	0.000074	0.000070	0.000072
1,2,3,6,7,8-HxCDF	0.000067 J	0.000025	0.000046	0.000027	0.00030 J
1,2,3,7,8,9-HxCDF	0.000010	0.0000045	0.000012	0.000013	0.000013
2,3,4,6,7,8-HxCDF	0.000073	0.000031	0.000027	0.000032	0.000065
HxCDFs (total)	0.0012 J	0.00048 J	0.00073 J	0.00092 J	0.0017 J
1,2,3,4,6,7,8-HpCDF	0.00039 J	0.000083	0.00025 J	0.00016 J	0.00078 J
1,2,3,4,7,8,9-HpCDF	0.000019	0.0000078	0.000024	0.000027	0.000037
HpCDFs (total)	0.00088 J	0.00020	0.00064 J	0.00035 J	0.0017 J
OCDF	0.00084	0.00012	0.00025	0.00015	0.00066 J
Total Furans	0.0054	0.0020	0.0027	0.0035	0.0081

TABLE A-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

LYMAN STREET AREA PRE-DESIGN INVESTIGATION
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX + 3 CONSTITUENTS

(Results in ppm dry weight)

Parameter / Sample ID:	081898CT37	082498MS29	H2-RB010661-0-0020	H2-RB010761-0-0000	H2-RB010841-0-0010
Sample Depth(Feet):	0-0.5	1-1.5	2-2.5	0-0.5	1-1.5
Date Collected:	08/18/98	08/24/98	11/24/98	11/23/98	11/20/98
Dioxins					
2,3,7,8-TCDD	0.00011	0.0000032	0.00000073	0.0000012	0.0000023
TCDDs (total)	0.00048	0.000053	0.000017	0.000018	0.000031
1,2,3,7,8-PeCDD	0.000011	0.0000014 J	0.0000031	0.0000024 J	0.0000078 J
PeCDDs (total)	0.00047	0.000050 J	0.000032	0.000030	0.000060 J
1,2,3,4,7,8-HxCDD	0.000012	0.0000025	0.0000078	0.0000034	0.000018
1,2,3,6,7,8-HxCDD	0.000018	0.0000040	0.000023	0.0000076	0.000052
1,2,3,7,8,9-HxCDD	0.000011	0.0000031	0.000014	0.0000048	0.000024
HxCDDs (total)	0.00053	0.000059	0.00015	0.000082	0.00047
1,2,3,4,6,7,8-HpCDD	0.00028	0.000059	0.00049	0.000086	0.0013
HpCDDs (total)	0.00054	0.00011	0.00081	0.00016	0.0025
OCDD	0.0032	0.00034	0.0041	0.00043	0.0091
Total Dioxins	0.0052	0.00061	0.0051	0.00072	0.012
WHO TEF	0.00021	0.000044	0.000061	0.000051	NA
Inorganics					
Antimony	1.50 J	4.20 J	1.30 J	1.30 J	ND(0.660) J
Arsenic	9.80	25.6	9.00	4.80	3.30
Barium	50.6	110	294	59.8	45.7
Beryllium	0.250 J	0.430 J	ND(0.0100)	0.130 J	0.280
Cadmium	ND(0.0900)	ND(0.0400)	0.560	0.550	ND(0.190)
Chromium	17.9	20.9 J	14.3	13.3	17.9 J
Cobalt	4.80 J	11.1	14.3	8.10	8.70
Copper	260	107 J	124	53.5	96.2
Cyanide	ND(0.580)	ND(0.540)	ND(0.670) J	ND(0.680) J	ND(0.730)
Lead	99.3	126	352	223	69.5
Mercury	0.490	0.100 J	0.870	0.920	0.230 J
Nickel	20.0	33.2	17.6	15.2	13.9
Selenium	0.620	3.40 J	ND(1.10) J	ND(0.590) J	ND(0.250) J
Silver	0.160 J	ND(0.140)	ND(0.300) J	ND(0.110) J	ND(0.240)
Sulfide	ND(5.50)	ND(5.30) J	ND(5.80)	ND(5.80)	ND(6.20) J
Thallium	0.0700 R	2.00	ND(0.650)	ND(0.500)	0.560
Tin	20.4	28.0	34.0	19.2	ND(4.90)
Vanadium	21.9	28.6	16.6	12.0	14.1
Zinc	243	72.5	294	160	108

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under the Supplement to the Data Exchange Agreement letter, dated November 2, 1999.
2. NA - Not Analyzed - Results were not reported for this analyte.
3. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
5. Definitions of data qualifiers not provided as part of data exchange. Result qualifiers as provided in prior EPA deliverables follow:
   J - Estimated Value.
   R - Rejected.