PRIOR NON-PCB APPENDIX IX+3 SOIL DATA

Table 5-5. Summary of Volatile Organic Compounds Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow A								Oxbow B		
Parameter	Well A-1 4-6'	Well A-1 12-14'	Duplicate A-1,12-14'	Well A-1 14-16'	Well A-1 20-22'	Well A-1 22-24'	Boring A-2 6-8'	Well A-3 12-14'	Well B-1 4-6'	Duplicate B-1, 4-6'	Well B-2 0-2'
Methylene Chloride	31B	30B	37B	27B	64B	44B	34B	26B	32B	51B	100B
Acetone	23B	12B	17B	12B	63B	16B	17B	26B	23B	24B	46B
Chloroform											
Ethylbenzene					19						5J
Xylene (Total)					13			5J			12J
Chlorobenzene											
Toluene									4J	2J	7J
2-Butanone					7J						

Concentrations reported in micrograms per kilogram (ug/kg). Only detected analytes are shown.

B Indicates the compound was found in the associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 5-5. Summary of Volatile Organic Compounds Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow C				Oxbow E			
Parameter	Well C-1 10-12'	Well C-2 12-14'	Duplicate C-2,12-14'	Boring C-3 2-4'	Boring E-1 10-12'	Well E-1 20-22'	Boring E-2 8-10'	Boring E-2 14-16'
Methylene Chloride	28B	58B	45B	34B	61B	47B	56B	25B
Acetone	36B	48B	44	14B	53B	50B	23B	19B
Toluene				2J				

Concentrations reported in micrograms per kilogram (ug/kg).

B Indicates the compound was found in the associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 5-5. Summary of Volatile Organic Compounds Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow E		Oxbow F		Oxbow J				Oxbow K	
Parameter	Boring E-2 16-18'	Boring E-2 18-20'	Well F-1 16-18'	Boring F-2 8-10'	J-1S surficial	J-2S surficial	J-3S surficial	J-4S surficial	Boring K-1 14-16'	Boring K-2 8-10'
Methylene Chloride	26B	28B	56B	35B	56B	74B	55B	87B	33B	38B
Acetone	20B	24B	21B	18B	23	39	28	59	22B	32B
Chloroform			3J							
Ethylbenzene				80						
Xylene (Total)				42						
Chlorobenzene				150						
1,1,2-Trichloro-1,2,2,-trifluoroethene						3J	2J	3J		

Concentrations reported in micrograms per kilogram (ug/kg).
B Indicates the compound was found in the associated blank as well as in the sample.
J Indicates an estimated value less than the sample detection limit.

Table 5-6. Summary of Semivolatile Organic Compounds and Phenols Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow A		Oxbow B		Oxbow C			
	Boring A-2	Well A-3	Well B-1	Duplicate	Well B-2	Well C-1	Well C-2	Duplicate
Parameter	6-8'	12-14'	4-6'	B-1, 4-6'	0-2'	10-12'	12-14'	C-2, 12-14'
Phenanthrene	5.7	59E	0.5	13D	2.2	13	0.21J	1.2
Di-n-butylphthalate					0.085J			0.13J
Fluoranthene	6.7	49	0.76	16D	3.6	20	0.34J	1.5
Pyrene	5.3	42	0.77	13.6D	2.5	19	0.23J	1.1
Benzo(a)anthracene	3	17	0.51	5.9	1.7	11	0.18J	0.74
Chrysene	2.7	18	0.49	5.8	1.5	13	0.15J	0.71
bis(2-Ethylhexyl)phthalate	0.35J	0.88J		0.15J	0.33J	0.26J	0.049J	0.2J
Benzo(b)fluoranthene	4	26X	1.1X	13D	4.2X	20X	0.14J	0.45J
Benzo(k)fluoranthene	7	26X	1.1X	4.5	4.2X	20X	0.14J	0.28J
Benzo(a)pyrene	2.5	15	0.66	4	2.1	10	0.15J	0.62
Indeno(1,2,3-cd)pyrene	1.1	6.6	0.33J	2.4	0.97	3.6		0.32J
Benzo(g,h,i)perylene	1.1	7.6	0.35J	2.5	1.2	3.3		0.27J
Anthracene	1.9	14	0.19J	10D	0.71	1.6J	0.23J	0.29J
Acenaphthylene	1	6.1	0.16J	0.59	0.75	2.2		
1-Methylnaphthalene	1.9	22	0.05J	0.8	0.21J	0.33J		
Naphthalene	2.2	23		1.4	0.22J	0.23J		
Dibenzofuran	1.1	7.3		1.8	0.14J	0.27J		0.064J
Acenaphthene	0.63J	6.1	0.05J	1.6	0.27J	0.24J		0.095J
Dibenz(a,h)anthracene	0.34J	2.1J	0.12J	0.69	0.23J	1.1J		0.1J
Fluorene	2.2	17	0.079J	2.7	0.37J	1.2J		0.14J
4-Aminobiphenyl				0.059J				
2-Methylnaphthalene	0.93	17		0.6	0.11J			
1,2,4-Trichlorobenzene				0.054J				
3-Methylphenol				0.11JX	0.05JX			
4-Methylphenol				0.11JX	0.05JX			
2,4-Dimethylphenol				0.054J				
2,3,4,6-Tetrachlorophenol				0.059J				
Pentachlorophenol	0.51J		0.72J	2.5	0.62J			
bis(2-chloroethyl)ether					0.069J			
Benzoic acid	0.1J				0.085J			
Butylbenzylphthalate					0.3J			
Total Phenols	3.6	0.93			0.31	0.22		

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

E Indicates the compound exceeds the calibration range of the gas chromatograph/mass spectrophotometer (GC/MS) instrument.

D Indicates analysis at a secondary dilution factor.

J Indicates an estimated value less than the sample detection limit.

X Indicates coeluting indistinguishable isomers.

Table 5-6. Summary of Semivolatile Organic Compounds and Phenols Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow C	Oxbow E			Oxbow F		Oxbow J	
	Boring C-3	Boring E-1	Well E-1	Boring E-2	Well F-1	Boring F-2	J-1S	J-2S
Parameter	2-4'	10-12'	20-22'	8-10'	16-18'	8-10'	surficial	surficial
Phenanthrene	27D	0.058J		0.15J	4.5	1.7	0.59	0.77
Di-n-butylphthalate						0.36J		
Fluoranthene	41D	0.11J		0.27J	3.5	1.1	1.4	1
Pyrene	43D	0.11J		0.22J	2.8	0.97	0.95	0.81
Benzo(a)anthracene	24D	0.082J		0.14J	1.8	0.62	0.61	0.57
Chrysene	22D	0.11J		0.2J	1.7	1.4	0.75	0.7
bis(2-Ethylhexyl)phthalate		0.16J	0.055J	0.18J	0.084J		0.056J	
Benzo(b)fluoranthene	49D	0.22JX		0.42JX	2.6X	1.2X	1.5X	0.58X
Benzo(k)fluoranthene	49D	0.22JX		0.42JX	2.6X	1.2X	1.5X	0.58X
Benzo(a)pyrene	22D	0.083J	0.49	0.21J	1.4	0.53	0.7	0.45
Phenol				0.061J				
Aniline				0.12J		0.26J		
Indeno(1,2,3-cd)pyrene	11			0.13J	0.71	0.32J	0.36J	0.32J
Benzo(g,h,i)perylene	11			0.17J	0.72	0.38	0.43	0.28J
Anthracene	8.4				1.1	0.27J	0.13J	0.14J
Acenaphthylene	4.9				0.12J		0.092J	0.056J
1-Methylnaphthalene	3.5				0.24J			0.041J
Naphthalene	2.3				0.34J	0.1J		0.043J
Dibenzofuran	3.2				0.72	0.28J		
Acenaphthene	3.4				0.76	0.35J	0.048J	0.052J
Dibenz(a,h)anthracene	3.7				0.22J	0.11J	0.13J	0.097J
Fluorene	6.5				1.1	0.3J	0.054J	0.058J
o-Phenylenediamine					2.2			
1-Naphthylamine					0.056J			
N-Nitrosodiphenylamine					0.11JX			
4-Aminobiphenyl					0.08J			
Benzidine					0.72			
2-Methylnaphthalene	2.2				0.16J			
Diphenylamine					0.11JX			
1,3-Dichlorobenzene						2.9		
1,4-Dichlorobenzene						12E		
Diethylphthalate						0.33J		
1,2-Dichlorobenzene						0.28J		
1,2,4-Trichlorobenzene						1.6		
1,2,3-Trichlorobenzene						0.062J		
3-Methylphenol	0.13J							
4-Methylphenol	0.13J							
2,4-Dimethylphenol	0.077J							
Acetophenone	0.1J							
Methylene-bis-(2-Chlor	0.087J							
Total Phenols		NA				0.82		

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

E Indicates the compound exceeds the calibration range of the gas chromatograph/mass spectrophotometer (GC/MS) instrument.

D Indicates analysis at a secondary dilution factor.

J Indicates an estimated value less than the sample detection limit.

X Indicates coeluting indistinguishable isomers.

NA Not analyzed

Table 5-6. Summary of Semivolatile Organic Compounds and Phenols Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow J		Oxbow K
Parameter	J-3S surficial	J-4S surficial	Boring K-2 8-10'
Phenanthrene	0.63	1.7	0.053J
Di-n-butylphthalate		0.15J	0.053J
Fluoranthene	1.2	2.8	0.080J
Pyrene	1	2.4	0.097J
Benzo(a)anthracene	0.63	1.5	0.045J
Chrysene	0.64	2.2	0.059J
bis(2-Ethylhexyl)phthalate	0.053J	0.42J	0.067J
Benzo(b)fluoranthene	0.65X	3.2X	0.086JX
Benzo(k)fluoranthene	0.65X	3.2X	0.086JX
Benzo(a)pyrene	0.6	1.5	0.042J
Indeno(1,2,3-cd)pyrene	0.29J		
Benzo(g,h,i)perylene	0.35J		
Anthracene	0.1J	0.18J	
Acenaphthylene		0.25J	
Naphthalene		0.15J	
Acenaphthene	0.063J		
Dibenz(a,h)anthracene	0.088J		
Fluorene	0.049J	0.14J	
Total Phenols		0.29	

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

E Indicates the compound exceeds the calibration range of the gas chromatograph/mass spectrophotometer (GC/MS) instrument.

D Indicates analysis at a secondary dilution factor.

J Indicates an estimated value less than the sample detection limit.

X Indicates coeluting indistinguishable isomers.

Table 5-9. Summary of Dioxin and Furan Compounds in soil Samples, Housatonic RiverOxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

Parameter	Oxbow A	Oxbow B			Oxbow C		Oxbow F	Oxbow J		
	Well A-3	Well B-1	Duplicate	Well B-2	Well C-1	Well C-2	Boring F-2	J-1S	J-2S	J-4S
	12-14'	4-6'	B-1,4-6'	0-2'	10-12'	12-14'	8-10'	surficial	surficial	surficial
Tetrachlorodibenzodioxin							M			M
Pentachlorodibenzodioxin							0.42			1.6
Hexachlorodibenzodioxin				M			0.70			6.5
Heptachlorodibenzodioxin	M			0.17	M		0.68	0.17	0.061	6.7
Octachlorodibenzodioxin	0.35			0.66	0.3	0.18	0.97	0.94	0.21	2.0
2,3,7,8-Tetrachlorodibenzofuran		M		0.10	M		2.7	0.047	M	0.23
Tetrachlorodibenzofuran				0.51	M		12.0	0.22	M	16.4
Pentachlorodibenzofuran	M	M	0.98	0.59	0.38		13.5	M	0.15	57.2
Hexachlorodibenzofuran	M	3.4	6.9	0.48	0.41	M	10.6	0.39	0.17	22.5
Heptachlorodibenzofuran	M	2.0	4.3	0.26	M		4.5	0.25	M	2.6
Octachlorodibenzofuran	M	2.2	5.3	0.24	M		2.2	0.18	0.045	0.31

Concentrations in micrograms per kilogram (ug/kg). Only detected analytes are shown.

M = Indicates a presence was noted, but not at a level which the laboratory could provide a definite identification or quantity.

Table 5-10. Summary of Metals, Sulfide, and Cyanide Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow A			Oxbow B			Oxbow C			
	Well A-1	Boring A-2	Well A-3	Well B-1	Duplicate	Well B-2	Well C-1	Well C-2	Duplicate	Boring C-3
Parameter	22-24'	6-8'	12-14'	4-6'	(B-1, 4-6')	0-2'	10-12'	12-14'	(C-2, 12-14')	2-4'
Aluminum	5,590E*	6120	4,980*	6950	7790	5220	6550	6330	9850	8840
Antimony	4.3BN	4.2BN		4.4BN						
Arsenic	5.8QN	6.5QN	5.7Q*	6.6AN	4.8AN	5.1AN	4.3	3.6	4.8	4.9N
Barium	24.1E	27.6	18.4B*	91.1	68.1	37.7	36.5	17.4B	29.6B	40.7
Beryllium		0.29B	0.15B	0.33B	0.41B	0.21B	0.19B	0.15B	0.22B	0.28B
Cadmium				0.63		0.8				
Calcium	51,600E	57400	15,100*	16100	3310	8340	17,200*	8,050*	12,400*	23100
Chromium	7.5*	6.7	7.0*	15.1	13.4	13.1	9.1	8.3	12	8.6
Cobalt	5.2B	7	6.1	7.9	8.8	5.1B	6.6	6.6	10.2	7.4
Copper	13	19.6	19.8	333	62.6	36.5	287N*	15.3N*	18N*	123
Iron	15,100E*	17,400E	12500	19,800E	15,200E	11,400E	16,100E	15,400E	20,700E	21,200E
Lead	21.1Q*	16.3	28.8	285N	97.5N	94.2N	104N	28.9A	33.3A	26.8
Magnesium	15100	32900	8,650*	4000	4280	5950	9,560*	4,820*	5,740*	14000
Manganese	226E	446	376*	379	273	190	351	223	298	430
Mercury		0.18N*		0.37N*	0.23N*	0.61N*				
Nickel	9.3	14.2	11.3	23.1	15.6	11.1	12.6	13.1	17.7	16.4
Potassium	207B	648	331B	599	637	571	435B	404B	534B	772
Selenium	0.46BWN	0.36BWN			0.41BN	0.38BN				
Silver				1.1B*	3.8*	0.77B*				
Sodium	135B	119B	97.6B	159B	168B	90.5B	111B	102B	187B	101B
Thallium										
Vanadium	6.6	10	6.9*	13.9	15.8	10.5	11.5	7.7	11.1	14
Zinc	43.5EN*	52.4E	38.8*	342E	118E	135E	107E	51.4E	79.8E	67.3E
Sulfide							92.4	25.4	34.1	
Cyanide										

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

A Indicates spike recoveries are outside the range of 85% to 115%. Reported result is produced from a single-point method-of-standard-addition calculation.

B Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).

E Indicates the reported value is estimated because of the presence of interference.

N Indicates the sample matrix spike analysis was outside control limits.

Q Indicates a severe physical or chemical interference in the sample. Result should be regarded as an estimate only.

W Indicates a slight matrix related interference for the analyte.

Table 5-10. Summary of Metals, Sulfide, and Cyanide Detected in Soil Samples, Housatonic River Oxbow Areas A, B, C, E, F, J, and K, GE Company, Pittsfield, Massachusetts.

	Oxbow E		Oxbow F		Oxbow J				Oxbow K	
	Boring E-1	Boring E-2	Well F-1	Boring F-2	J-1S	J-2S	J-3S	J-4S	Boring K-1	Boring K-2
Parameter	10-12'	8-10'	16-18'	8-10'	surficial	surficial	surficial	surficial	14-16'	8-10'
Aluminum	11700	8770	8460	5730	9,730*	5,670*	5,500*	10,100*	4200	2,900
Antimony					8.9BN	10.5BN		11.1BN		
Arsenic	5.6A	2.6BA	1.4*	7A*	9.4Q	21.9A	5.5A	9.5	2.0	
Barium	45.8B	38.9B	24.0BN*	78.5N*	57.3	41.5B	28.0B	66.8		
Beryllium	0.36B		0.36B	0.23B	0.39B			0.30B		
Cadmium				1.5N						
Calcium	16,400*	7,260*	24,300E*	35,800E*	6,750E	9,570E	8,240E	18,100E	17,000	
Chromium	19.6*	23.1*	9.3EN*	54.5EN*	17.2	41	7.7	17.8	3.2	4.2
Cobalt	4.8B	8.5B	8.1*	8.0*	9.5B	9.4B	5.6B	14.8B		
Copper	74.7E*	354E*	15.8*	349*	30.8N	95.6N	12.0N	58.8N	11	
Iron	31,600*	62400	20,900E*	19,400E*	19,600*	68,700*	14,400*	44,200*	12,000	7,400
Lead	153	114	28.9A*	681E	97.8*	121*	13.5*	195*		
Magnesium	6,210*	5,630*	17000	18700	5980	7150	4590	11500	9,800	1,300
Manganese	743*	612*	270E*	474E*	517N*	854N*	214N*	987N*	300	56
Mercury		0.14		0.54N	0.2	0.6		0.21		
Nickel	11	63.1	14.4N*	26.4N*	17.7	43.8	9.9	27.9	9.3	
Potassium	1310	831B	977	577	1,070B	393B	969B	1,120B		
Selenium										
Silver										
Sodium	276B	186B	119B	102B	145B	120B	166B	174B		
Thallium										
Vanadium	27.5	45.1	10.8	10.1	20.3	14.1	11.6	27.3	5.9	
Zinc	119	193	50.8E*	405E*	126	164	33	266	36	19
Sulfide			47							
Cyanide	0.67				1.3	65 120				

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

A Indicates spike recoveries are outside the range of 85% to 115%. Reported result is produced from a single-point method-of-standard-addition calculation.

B Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).

E Indicates the reported value is estimated because of the presence of interference.

N Indicates the sample matrix spike analysis was outside control limits.

Q Indicates a severe physical or chemical interference in the sample. Result should be regarded as an estimate only.

W Indicates a slight matrix related interference for the analyte.

Table 5-3. Summary* of Volatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-5	NS-6	NS-7	NS-8
Sample Depth:	18'-20'	12'-14'	14'-16'	16'-18'	18'-20'	20'-22'	22'-24'	2'-4'	4'-6'	14'-16'	12'-14'
Collection Date:	5/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	5/22/91	11/12/91	5/24/91	5/21/91
Analyte (ug/kg)											
Vinyl chloride						2J					8J
Methylene chloride	15B	51B	23B	44B	48B	55	58B	28B	30B	63B	29B
Acetone	17B	19B	37B	39B	37B	37	11BJ	9BJ	35B	140B	52B
1,2-Dichloroethene (total)	13			8	30	12			3J		16
Chlorobenzene	3J			17	53	2J	9				210
1,1,2-Trichloro-1,2,2-trifluoroethane								1BJ		2BJ	
Benzene					2J						69
Ethylbenzene					5J						3J
Xylene (total)											10
Trichloroethene									2J		8
Toluene					2J						
1,1,1-Trichloroethane											

* Only detected analytes are shown.

** Field duplicate sample

ug/kg Micrograms per kilogram (ppb)

B Indicates the compound was found in the associated blank as well as in the sample.

J Indicates an estimated value less than the method detection limit.

Table 5-3. Summary* of Volatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS-9	NS-10	NS-10	NS-10**	NS-10	NS-10	NS-10	NS-10	NS-11	NS-11	NS-12
Sample Depth:	14'-16'	8'-10'	10'-12'	10'-12'	12'-14'	14'-16'	16'-18'	18'-20'	8'-10'	10'-12'	14'-16'
Collection Date:	10/25/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91	12/10/91	5/22/91
Analyte (ug/kg)											
Vinyl chloride											
Methylene chloride	49	270B	53B	56B	440B	82B	290B	48B	38B	53B	220B
Acetone	87	260B	29B	91B	920B	95B	190B	34B	42	51	190B
1,2-Dichloroethene (total)		18J				6J					
Chlorobenzene		29J	13	13J		19J	13J		17	54	460
1,1,2-Trichloro-1,2,2-trifluoroethane					15J		14J				
Benzene					16J						
Ethylbenzene		20J	6J	6J		6J	8J	1J			8J
Xylene (total)		420	170	220	450	160	230	26		4J	15J
Trichloroethene		32J	7J	7J		17J	16J				
Toluene		10J	2J			4J					
1,1,1-Trichloroethane			2J								

* Only detected analytes are shown.

** Field duplicate sample

ug/kg Micrograms per kilogram (ppb)

B Indicates the compound was found in the associated blank as well as in the sample.

J Indicates an estimated value less than the method detection limit.

Table 5-3. Summary* of Volatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11	GE-12
Sample Depth:	14'-16'	12'-14'	0'-2'	2'-4'	0'-2'	2'-4'	8'-10'	10'-12'	10'-12'	10'-12'
Collection Date:	5/21/91	5/24/91	5/21/91	5/21/91	5/21/91	5/21/91	12/12/91	12/11/91	12/12/91	12/11/91
Analyte (ug/kg)										
Vinyl chloride										
Methylene chloride	3,200BJ	52B	23B	40B	30B	27B	48	30	52	61
Acetone		75B	5BJ	38B	4BJ		56	22		20
1,2-Dichloroethene (total)										
Chlorobenzene	16,000	160								
1,1,2-Trichloro-1,2,2-trifluoroethane		2BJ	2BJ	3BJ	2BJ	1BJ				
Benzene	450J									
Ethylbenzene										
Xylene (total)										
Trichloroethene										
Toluene										
1,1,1-Trichloroethane										

* Only detected analytes are shown.

** Field duplicate sample

ug/kg Micrograms per kilogram (ppb)

B Indicates the compound was found in the associated blank as well as in the sample.

J Indicates an estimated value less than the method detection limit.

Table 5-4. Summary* of Semivolatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield Massachusetts.

Boring Number:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-5
Sample Depth:	18'-20'	12'-14'	14'-16'	16'-18'	18'-20'	20'-22'	22'-24'	2'-4'
Collection Date:	5/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	5/22/91
Analyte (ug/kg)								
Phenol								170 J
Aniline								700
3-Methylphenol								97 JX
4-Methylphenol								97 JX
2,4-Dimethylphenol								61 J
Acenaphthylene		48 J		49 J	170 J		210 J	
Phenanthrene		170 J	250 J	180 J	1,700		2,100	1,300
Anthracene			51 J		290 J		380 J	230 J
Di-n-butylphthalate								
Fluoranthene	56 J	91 J			420 J		560	1,300
Pyrene	87 J	110 J			860		1,000	990
Benzo(a)anthracene		69 J		120 J	320 J		380 J	580
Chrysene	42 J	72 J	97 J	95 J	380 J		310 J	590
Bis(2-ethylhexyl)phthalate	370 BJ	95 J	63 J	80 J	150 J		87 J	160 BJ
Benzo(b)fluoranthene	47 JX	110 JX	200 JX	190 JX	280 JX		370 JX	1,100 X
Benzo(k)fluoranthene	47 JX	110 JX	200 JX	190 JX	280 JX		370 JX	1,100 X
Benzo(a)pyrene		76 J	110 J	130 J	240 J		300 J	440
Indeno(1,2,3-cd)pyrene			66 J	79 J	88 J		100 J	250 J
Dibenz(a,h)anthracene								140 J
Benzo(g,h,i)perylene		46 J	89 J	110 J	120 J		130 J	270 J
1,2,4-Trichlorobenzene	130 J		110 J	78 J	60 J		81 J	
1,4-Dichlorobenzene				360 J	220 J		280 J	
1-Methylnaphthalene			63 J		260 J		280 J	63 J
Fluorene			45 J		330 J		400 J	91 J
1,3-Dichlorobenzene				76 J	54 J		52 J	
1,2-Dichlorobenzene								
Benzyl chloride								
Naphthalene		200 J	75 J	120 J	460 J		540	92 J
1,2,3-Trichlorobenzene								
2-Methylnaphthalene		86 J			230 J		260 J	48 J
1,2,3,4-Tetrachlorobenzene			140 J	95 J			51 J	
1,2,3,5-Tetrachlorobenzene			55 JX					
1,2,4,5-Tetrachlorobenzene			55 JX					
Acenaphthene					56 J		52 J	110 J
Dibenzofuran								83 J
2-Methyl phenol								
Benzoic acid								
7,12-Dimethylbenzanthracene								
2-Nitroaniline								
Methapyrilene								
Dimethylphenylethylamine					870			
Zinophos					60 J			
Cyclophosphamide					89 J			
Butylbenzylphthalate								
Dimethoate								
Acetophenone								
2-Naphthylamine								
2-Picoline								
3-Nitroaniline								
4-Nitrophenol								
4-Aminobiphenyl								
Hexachloroethane								

* Only detected analytes are shown.

** Field duplicate sample.

ug/kg - Micrograms per kilogram (ppb).

J - Indicates an estimated value less than the method detection limit.

X - Indicates coeluting indistinguishable isomers.

Table 5-4. Summary* of Semivolatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield Massachusetts.

Boring Number:	NS-6	NS-8	NS-9	NS-10	NS-10	NS-10**	NS-10	NS-10
Sample Depth:	4'-6'	12'-14'	14'-16'	8'-10'	10'-12'	10'-12'	12'-14'	14'-16'
Collection Date:	11/12/91	5/21/91	10/25/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
Analyte (ug/kg)								
Phenol								
Aniline								
3-Methylphenol								
4-Methylphenol								
2,4-Dimethylphenol								
Acenaphthylene	130 J		150 J					
Phenanthrene	18,000	74 J	2,500	110,000	1,000 J		850 J	1400
Anthracene	3,600		300 J	27,000				220 J
Di-n-butylphthalate								
Fluoranthene	10,000		1,600	89,000	300 J		310 J	
Pyrene	7,300		2,000	71,000	240 J		450 J	
Benzo(a)anthracene	3,900		920	77,000	400 J			
Chrysene	3,600	55 J	770	42,000			580 J	
Bis(2-ethylhexyl)phthalate	360 J	750	67J	45,000 X	580 J			
Benzo(b)fluoranthene	5,100 X		1,100 X	45,000 X				
Benzo(k)fluoranthene	5,100 X		1,100 X					
Benzo(a)pyrene	2,200		870	25,000 J				
Indeno(1,2,3-cd)pyrene	1,200		350 J	14,000 J				
Dibenz(a,h)anthracene	640 J		110 J					
Benzo(g,h,i)perylene	1,400		400	14,000 J				
1,2,4-Trichlorobenzene	1,200	370 J		4,200 J	1,400 J			210 J
1,4-Dichlorobenzene		96 J		9,000 J			3,000	
1-Methylnaphthalene	1,700	51 J			440 J		480 J	
Fluorene	5,300		290 J	15,000 J				250 J
1,3-Dichlorobenzene								850
1,2-Dichlorobenzene								
Benzyl chloride								
Naphthalene	3,500				1,100 J		720 J	670
1,2,3-Trichlorobenzene	160 J	120 J						
2-Methylnaphthalene	1,700				390 J		360 J	230 J
1,2,3,4-Tetrachlorobenzene	150 J							
1,2,3,5-Tetrachlorobenzene								
1,2,4,5-Tetrachlorobenzene								
Acenaphthene	4,400		40 J	5,600 J				130 J
Dibenzofuran	2,800			9,600 J				190 J
2-Methyl phenol								
Benzoic acid								
7,12-Dimethylbenzanthracene					430 J			
2-Nitroaniline								
Methapyrilene						2,800 J		
Dimethylphenylethylamine								
Zinophos					1,500 J	500 J		
Cyclophosphamide								
Butylbenzylphthalate			42BJ					
Dimethoate							1,200 J	
Acetophenone					1,500 J			
2-Naphthylamine					340 J			
2-Picoline					590 J			
3-Nitroaniline					490 J			
4-Nitrophenol					1,500 J	650 J		
4-Aminobiphenyl					1,500 J		1,200 J	
Hexachloroethane							2,100 J	

* Only detected analytes are shown.

** Field duplicate sample.

ug/kg - Micrograms per kilogram (ppb).

J - Indicates an estimated value less than the method detection limit.

X - Indicates coeluting indistinguishable isomers.

Table 5-4. Summary* of Semivolatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield Massachusetts.

Boring Number:	NS-10	NS-10	NS-11	NS-11	NS-12	NS-13	NS-14
Sample Depth:	16'-18'	18'-20'	8'-10'	10'-12'	14'-16'	14'-16'	12'-14'
Collection Date:	11/15/91	11/15/91	12/10/91	12/10/91	5/22/91	5/21/91	5/24/91
Analyte (ug/kg)							
Phenol							
Aniline							
3-Methylphenol							
4-Methylphenol							
2,4-Dimethylphenol							
Acenaphthylene							
Phenanthrene	22,000	150 J	3,300 J			940	800
Anthracene	4,900		810 J				
Di-n-butylphthalate	710 J						
Fluoranthene	14,000	96 J	5,800			550	430 J
Pyrene	10,000	98 J	4,000 J			540	360
Benzo(a)anthracene	7,000	74 J	3,200 J			310 J	
Chrysene	5,700	130 J	4,700			630	
Bis(2-ethylhexyl)phthalate		100 J					1,700 BJ
Benzo(b)fluoranthene	7,000 X		2,800 JX			310 JX	
Benzo(k)fluoranthene	7,000 X		2,800 JX			310 JX	
Benzo(a)pyrene	3,800		2,300 J			150 J	
Indeno(1,2,3-cd)pyrene	2,100		810 J			71 J	
Dibenz(a,h)anthracene	670 J						
Benzo(g,h,i)perylene	1,900 J		850 J			98 J	
1,2,4-Trichlorobenzene	400 J		1,900 J		14,000	9,600 E	1,200 J
1,4-Dichlorobenzene			4,600		38,000 E	25,000 E	210
1-Methylnaphthalene	3,000		1,000 J			600	220 J
Fluorene			460 J			230 J	
1,3-Dichlorobenzene			1,000 J		3,700	5,100	
1,2-Dichlorobenzene					3,800	520	
Benzyl chloride						350 J	
Naphthalene	8,900		720 J				
1,2,3-Trichlorobenzene					11,000	700	
2-Methylnaphthalene	2,900		590 J			430 J	
1,2,3,4-Tetrachlorobenzene					860 J	260 J	
1,2,3,5-Tetrachlorobenzene					880 JX	870 X	
1,2,4,5-Tetrachlorobenzene					880 JX	870 X	
Acenaphthene	320 J					160 J	
Dibenzofuran						140 J	
2-Methyl phenol							
Benzoic acid							
7,12-Dimethylbenzanthracene							
2-Nitroaniline							
Methapyrilene							
Dimethylphenylethylamine							
Zinophos							
Cyclophosphamide							
Butylbenzylphthalate							
Dimethoate							
Acetophenone							
2-Naphthylamine							
2-Picoline							
3-Nitroaniline							
4-Nitrophenol							
4-Aminobiphenyl	1,100 J						
Hexachloroethane							

* Only detected analytes are shown.

** Field duplicate sample.

ug/kg - Micrograms per kilogram (ppb).

J - Indicates an estimated value less than the method detection limit.

X - Indicates coeluting indistinguishable isomers.

Table 5-4. Summary* of Semivolatile Organic Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield Massachusetts.

Boring Number:	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11	GE-12
Sample Depth:	0'-2'	2'-4'	0'-2'	2'-4'	8'-10'	10'-12'	10'-12'	10'-12'
Collection Date:	5/21/91	5/21/91	5/21/91	5/21/91	12/12/91	12/11/91	12/12/91	12/11/91
Analyte (ug/kg)								
Phenol	510		430	180 J				
Aniline	1,500	290 J	810	500 J				
3-Methylphenol	43 JX		62 JX					
4-Methylphenol	43 JX		62 JX					
2,4-Dimethylphenol			47 J					
Acenaphthylene	190 J		330 J	1,700				
Phenanthrene	280 J	120 J	380	460 J			40 J	
Anthracene	350 J	40 J	120 J	400 J				
Di-n-butylphthalate	350 J	71 J						
Fluoranthene	450	130 J		1,500			56 J	
Pyrene	580	160 J		2,500		44 J	78 J	
Benzo(a)anthracene	330 J	79 J	520	1,900				
Chrysene	440	100 J	760	2,400			50 J	
Bis(2-ethylhexyl)phthalate	60 J	41 J			45 J	340 J	260 J	250 J
Benzo(b)fluoranthene	750 X	190 JX	1,300 X	5,500 X			60 JX	
Benzo(k)fluoranthene	750 X	190 JX	1,300 X	5,500 X			60 JX	
Benzo(a)pyrene	410	110 J	590	3,800				
Indeno(1,2,3-cd)pyrene	250 J	67 J	400	1,900				
Dibenz(a,h)anthracene	110 J		180 J	820				
Benzo(g,h,i)perylene	320 J	88 J	470	2,900				
1,2,4-Trichlorobenzene			380	96 J				
1,4-Dichlorobenzene								
1-Methylnaphthalene			52 J					
Fluorene	57 J			150 J				
1,3-Dichlorobenzene								
1,2-Dichlorobenzene								
Benzyl chloride				97 J				
Naphthalene	41 J		90 J					
1,2,3-Trichlorobenzene			110 J					
2-Methylnaphthalene				410 J				
1,2,3,4-Tetrachlorobenzene			200 J					
1,2,3,5-Tetrachlorobenzene			92 JX					
1,2,4,5-Tetrachlorobenzene			92 JX					
Acenaphthene								
Dibenzofuran								
2-Methyl phenol								
Benzoic acid		150 J						
7,12-Dimethylbenzanthracene				80 J				
2-Nitroaniline		39 J						
Methapyrilene		220 J						
Dimethylphenylethylamine								
Zinophos								
Cyclophosphamide								
Butylbenzylphthalate								
Dimethoate								
Acetophenone								
2-Naphthylamine								
2-Picoline								
3-Nitroaniline								
4-Nitrophenol								
4-Aminobiphenyl								
Hexachloroethane								

* Only detected analytes are shown.

** Field duplicate sample.

ug/kg - Micrograms per kilogram (ppb).

J - Indicates an estimated value less than the method detection limit.

X - Indicates coeluting indistinguishable isomers.

Table 5-5. Summary* of Metals Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS-1A	NS-2A	NS-5	NS-6	NS-8	NS-9	NS-10	NS-10+	NS-11	NS-12
Sample Depth:	18'-20'	18'-20'	2'-4'	4'-6'	12'-14'	14'-16'	10'-12'	10'-12'	8'-10'	14'-16'
Collection Date:	5/23/91	11/12/91	5/22/91	11/12/91	5/21/91	10/25/91	11/15/91	11/15/91	12/10/91	5/22/91
Analyte (mg/kg)										
Aluminum	7,480	8,300	8,140	10,700	11,400	8,830	7,400	7,750	9,180**	10,200
Antimony				7.9 N					13.9 BN	
Arsenic	3.1 N	4.0 N	2.9	10.2 AN	7.1	4.7	1.5**	2.4**	8.6 A	1.4
Barium	17.2 B	24.3 B	246**	152	670**	17.0 B	10.6B N**	63.2 N**	240	31.0**
Beryllium	0.16 B	0.19 B	0.20 B	0.29 B	0.55 B		0.21 B	0.33 B	0.57 B	0.25 B
Cadmium			1.2	5.6					2.6	
Calcium	7,820	4,700	21,500 E	25,000	1,420 E	9,840**	707 E**	2,010 E**	9,190 E	25,500 E
Chromium	8.9	10.9	25.4	62.4	19.7	10.0	6.9E N**	13.3 EN**	106	10.2
Cobalt	9.6	11.2	8.7	11.9	11.3	13.2	7.6**	6.2**	13.9	9.1
Copper	37.8	33.5	193	1,060	233	62.8 N**	36.9**	336**	980 N	17.3
Iron	16,800	18,700 E	18,300 E	28,400 E	23,100 E	21,200 E	15,600 E**	20,400 E**	32,600**	20,600 E
Lead	21.1 A	20.7	271**	520 N	235**	64.5 N	33.2 E	469 E	968**	2.4 A**
Magnesium	5,750	4,640	12,000	11,000	3,840	7,620**	3,190	3,070	4,300	17,000
Manganese	422	413	405 E**	875	195 E**	668	177 E**	198 E**	473 N**	368 E**
Mercury			4.6	3.3 N**	0.16				3.7	
Nickel	18.1	18.1	19.3	45.0	27.6	19.7	16.5 N**	15.2 N**	70.2	17.6
Potassium	528 B	590 B	484 B	816	649 B	307 B	325 B	458 B	567 B	1,150
Selenium		0.62 BWN						0.50 BN		
Silver				1.4**		0.74			3.4 N	
Sodium	74.3 B	140 B	268 B	280 B	368 B	171 B	97.4 B	195 B	451 B	76.5 B
Vanadium	7.1	9.3	17.1	12.4	19.2	8.3	7.2	9.0	21.9	13.7
Zinc	57.3	77.9 E	986 E	806 E	216 E	86.7 E	66.1 E**	276 E**	1,300	59.4 E

* Only detected analytes are shown.

\+ Field duplicate sample.

mg/kg Milligrams per kilogram (ppm).

** Indicates sample matrix duplicate was outside control limits.

A Results reported from single-point method-of-standard addition calculation.

B Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).

E Indicates the reported value is estimated because of the presence of interference.

N Indicates sample matrix spike analysis was outside control limits.

Q Indicates severe physical or chemical interference in the sample matrix.

W Indicates slight matrix-related interference for the analyte.

Table 5-5. Summary* of Metals Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11	GE-12
Sample Depth:	14'-16'	12'-14'	0'-2'	2'-4'	0'-2'	2'-4'	8'-10'	10'-12'	10'-12'	10'-12'
Collection Date:	5/21/91	5/24/91	5/21/91	5/21/91	5/21/91	5/21/91	12/12/91	12/11/91	12/12/91	12/11/91
Analyte (mg/kg)										
Aluminum	2,690	7,230	6,920	7,110	9,450	6,920	12,400**	13,500**	7,470**	13,900**
Antimony									11.1 BN	9.6 BN
Arsenic	2.6	3.3 N	3.8	4.6 A	7.9	3.7	37.4 A	4.9	4.5	5.6 A
Barium	54.9**	34	46.5**	40.7**	35.6**	93.4**	37.5 B	20.6 B	22.0 B	15.1 B
Beryllium			0.32 B	0.26 B	0.30 B	0.24 B				
Cadmium			0.58 B			0.94				
Calcium	427 BE	1,320	6,450 E	6,040 E	7,830 E	4,070 E	1,680 E	7,070 E	639 BE	4,700 E
Chromium	8.2	9.2	23.5	16.8	9.3	25.5	13.0	15.2	9.0	14.2
Cobalt	2.9 B	9.2	7.4	7.8	11.6	7.4	14.4	15.2	10.9 B	15.3
Copper	1,440	68.4	81.4	23.1	17.8	184	22.7 N	39.1 N	45.5 N	33.5 N
Iron	5,410 E	18,300	15,200 E	15,200 E	24,400 E	15,400 E	32,500**	30,600**	18,000**	34,200**
Lead	108**	32.1	60.2**	50.2**	15.3**	123**	8.9**	65.4**	22.5 A**	14.9**
Magnesium	969	3,060	6,350	6,310	6,490	4,840	5,050	8,790	3,200	6,290
Manganese	51.1 E**	335	324 E**	431 E**	633 E**	269 E**	1,070 N**	747 N**	298 N**	772 N**
Mercury	0.26	1.1	0.10	0.22	3.0	0.35				
Nickel	16.1	17.4	13.9	13.5	19.6	16.0	23.9	26.1	15.6	26.8
Potassium	175 B	348 B	422 B	405 B	437 B	446 B	286 B	318 B	364 B	408 B
Selenium	0.67 BAN									
Silver										
Sodium	147 B	82.9 B	56.6 B	67.5 B	50.8 B	132 B	108 B	119 B	118 B	109 B
Vanadium	3.6 B	7.0	12.6	12.8	15.6	12.5	12.3	12.3	8.4 B	12.0 B
Zinc	198 E	63.1	98.1 E	67.0 E	82.7 E	291 E	67.5	90.2	66.7	80.2

* Only detected analytes are shown.

\+ Field duplicate sample.

mg/kg Milligrams per kilogram (ppm).

** Indicates sample matrix duplicate was outside control limits.

A Results reported from single-point method-of-standard addition calculation.

B Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).

E Indicates the reported value is estimated because of the presence of interference.

N Indicates sample matrix spike analysis was outside control limits.

Q Indicates severe physical or chemical interference in the sample matrix.

W Indicates slight matrix-related interference for the analyte.

Table 5–6. Summary* of Phenols, Cyanide, Sulfide, and Organophosphorous (OP) Pesticides Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS–1A	NS–2A	NS–5	NS–6	NS–8	NS–9	NS–10	NS–10**	NS–11	NS–12
Sample Depth:	18'–20'	18'–20'	2'–4'	4'–6'	12'–14'	14'–16'	10'–12'	10'–12'	8'–10'	14'–16'
Collection Date:	05/23/91	11/12/91	5/22/91	1/12/91	05/21/91	10/25/91	11/15/91	5/22/91	12/10/91	05/22/91
Analyte (mg/kg)										
Phenols	–	0.31	0.19	0.35	0.42	0.34	1.0	0.29	1.2	1.3
Cyanide	–	–	0.63	–	–	–	–	–	0.99	–
Sulfide	–	–	13.0	–	–	15.4	38.9	–	–	–
OP Pesticides										
Sulfotepp	NA	–	NA	–	NA	NA	0.12	–	NA	NA

* Only detected analytes are shown.

** Field duplicate sample.

mg/kg Milligrams per kilogram (ppm).

– Not detected.

NA – Not Analyzed

Table 5–6. Summary* of Phenols, Cyanide, Sulfide, and Organophosphorous (OP) Pesticides Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Boring Number:	NS–13	NS–14	RB–6	RB–6	RB–7	RB–7	GE–9	GE–10	GE–11	GE–12
Sample Depth:	14'–16'	12'–14'	0'–2'	2'–4'	0'–2'	2'–4'	8'–10'	10'–12'	10'–12'	10'–12'
Collection Date:	05/23/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91	12/11/91
Analyte (mg/kg)										
Phenols	2.0	0.13	0.67	0.20	0.43	0.32	–	–	–	–
Cyanide	–	–	–	–	–	–	–	–	–	–
Sulfide	–	–	23.2	–	–	–	–	–	–	–
OP Pesticides										
Sulfotepp	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Only detected analytes are shown.

** Field duplicate sample.

mg/kg Milligrams per kilogram (ppm).

– Not detected.

Table 5-7. Summary* of Dioxin/Furan Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Analyte (ng/g)	Boring Number:	GE-9	GE-10	GE-11	GE-12	NS-9	NS-10	NS-10**	NS-11	NS-2A	NS-6
	Sample Depth (ft):	8-10	10-12	10-12	10-12	14-16	10-12	10-12	8-10	18-20	4-6
	Collection Date:	12/12/91	12/11/91	12/12/91	12/11/91	10/25/91	11/15/91	11/15/91	12/10/91	11/12/91	11/12/91
TCDD		-	-	-	-	-	-	-	-	-	-
							(-)	(-)	(-) (-)		(M)
PeCDD		-	-	-	-	-	-	-	-	-	1.1
							(-)	(-)	(M) (-)		(M)
HxCDD		-	-	M	-	-	-	-	0.69	M	2.5
							(-)	(-)	(1.3) (M)		(2.8)
HpCDD		-	-	M	-	-	0.13	M	1.1	M	2.2
							(-)	(-)	(2.0) (M)		(2.7)
OCDD		-	-	0.065	-	0.061	0.23	0.37	2.8	0.11	1.6
							(0.078)	(-)	(5.7) (7.0)		(1.9)
2,3,7,8 TCDF		-	-	0.13	-	0.070	-	-	1.9	0.20	6.1
							M	(-)	(2.9) (4.7)		(8.9)
TCDF		-	-	0.72	-	0.35	-	-	19.0	0.98	20.8
							(-)	(-)	(14.5) (21.7)		(36.6)
PeCDF		-	-	0.78	-	0.44	M	M	7.4	1.8	32.7
							(0.083)	(-)	(11.6) (25.7)		(48.4)
HxCDF		-	0.033	0.78	M	0.40	1.1	1.6	9.8	1.6	37.6
							(0.44)	(1.4)	(18.3) (20.7)		(46.4)
HpCDF		-	-	0.33	-	M	2.9	4.5	5.8	0.54	16.5
							(0.096)	(3.8)	(11.0) (12.1)		(20.5)
OCDF		-	-	0.19	-	0.11	0.90	1.5	2.7	0.33	10.1
							(0.52)	(M)	(6.4) (9.1)		(12.9)

* Only detected analytes are shown.

** Field duplicate sample.

ng/g - Nanograms per gram (ppb).

- Not detected.

M - Indicates a presence was noted, but not at a level which the laboratory could provide a definite identification or quantity.

( ) - Indicates a co-analyte of dioxin/furan compound for a sample result.

Table 5-7. Summary* of Dioxin/Furan Compounds Detected in Soil Boring Samples, Newell Street Site, GE Company, Pittsfield, Massachusetts.

Analyte (ng/g)	Boring Number:	NS-1A	NS-5	NS-7	NS-8	NS-12	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7
	Sample Depth (ft):	18-20	2-4	14-16	12-14	14-16	14-16	12-14	0-2	2-4	0-2	2-4
	Collection Date:	05/23/91	05/22/91	05/24/91	05/21/91	05/22/91	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91
TCDD		-	-	-	-	-	-	-	-	-	0.34	0.083
PeCDD		-	-	0.076	-	M	1.0	-	-	-	M	-
HxCDD		-	-	0.16	-	1.5	5.3	0.44	-	-	3.5	0.96
HpCDD		-	0.40	0.25	-	2.8	6.7	1.0	-	-	2.8	0.77
OCDD		0.24	0.59	0.24	M	17.7	23.9	4.3	0.47	-	1.6	0.58
2,3,7,8 TCDF		0.16	0.37	1.2	1.0	0.13	1.2	0.060	0.10	-	21.7	1.4
TCDF		0.84	0.70	5.3	5.6	1.0	9.1	0.37	0.66	-	134	8.5
PeCDF		2.1	1.8	4.0	13.6	4.6	38.3	0.57	0.49	-	190	15.4
HxCDF		3.2	4.2	3.5	24.0	9.9	139	2.2	0.70	-	188	12.6
HpCDF		1.1	1.9	1.7	8.2	5.9	97.4	2.0	0.52	-	59.9	4.2
OCDF		0.39	0.81	1.1	3.4	2.6	89.2	0.75	0.31	-	19.2	1.7

* Only detected analytes are shown.

** Field duplicate sample.

ng/g - Nanograms per gram (ppb).

- Not detected.

M - Indicates a presence was noted, but not at a level which the laboratory could provide a definite identification or quantity.

( ) - Indicates triplicate analysis of dioxin/furan compounds for a sample result.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NS-24

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 27893 SAS No.: _____ SDG No.: 01

Matrix: (soil/water) SOIL Lab Sample ID: 582450

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH082450C13

Level: (low/med) LOW Date Received: 10/08/93

% Moisture: not dec. 20 Date Analyzed: 10/14/93

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	21	B
67-64-1	Acetone	16	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

107-02-8--------Acrolein	110	U
107-13-1--------Acrylonitrile	150	U
75-69-4---------Trichlorofluoromethane	6	U
107-05-1--------3-Chloropropene	6	U
76-13-1---------1,1,2-Trichloro-1,2,2-trifluo	6	U
354-58-5--------1,1,1-Trichloro-2,2,2-trifluo	6	U
74-95-3---------Dibromomethane	12	U
4170-30-3-------Crotonaldehyde	6	U
106-93-4--------1,2-Dibromoethane	6	U
630-20-6--------1,1,1,2-Tetrachloroethane	6	U
764-71-0--------cis-1,4-Dichloro-2-butene	6	U
96-18-4---------1,2,3-Trichloropropane	19	U
764-71-0--------trans-1,4-Dichloro-2-butene	6	U
96-12-8---------1,2-Dibromo-3-chloropropane	2	BJ
96-18-4---------Ethylmethacrylate	12	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NS-24RE

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 27893 SAS No.: SDG No.: 01

Matrix: (soil/water) SOIL Lab Sample ID: 582450

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR082450C03

Level: (low/med) LOW Date Received: 10/08/93

% Moisture: not dec. 20 Date Analyzed: 10/21/93

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	22	B
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	19	U
591-78-6	2-Hexanone	19	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	6	U
74-88-4	Iodomethane	12	U
107-02-8	Acrolein	110	U

107-02-8--------Acrolein	110	U
107-13-1--------Acrylonitrile	150	U
75-69-4---------Trichlorofluoromethane	6	U
107-05-1--------3-Chloropropene	6	U
76-13-1---------1,1,2-Trichloro-1,2,2-trifluo	6	U
354-58-5--------1,1,1-Trichloro-2,2,2-trifluo	6	U
74-95-3---------Dibromomethane	12	U
4170-30-3-------Crotonaldehyde	6	U
106-93-4--------1,2-Dibromoethane	6	U
630-20-6--------1,1,1,2-Tetrachloroethane	6	U
764-71-0--------cis-1,4-Dichloro-2-butene	6	U
96-18-4---------1,2,3-Trichloropropane	19	U
764-71-0--------trans-1,4-Dichloro-2-butene	6	U
96-12-8---------1,2-Dibromo-3-chloropropane	6	U
96-18-4---------Ethylmethacrylate	12	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NS-24

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 27893 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) SOIL Lab Sample ID: 582454

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH082454B15

Level: (low/med) LOW Date Received: 10/08/93

% Moisture: not dec. 20 dec. _____ Date Extracted: 10/12/93

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/04/93

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	820	U
110-86-1	Pyridine	690	U
97-63-2	Ethyl methacrylate	31	U
123-63-7	Paraldehyde	450	U
109-06-8	2-Picoline	1500	U
10595-95-6	Nitrosomethylethylamine	680	U
66-27-3	Methyl methanesulfonate	880	U
108-95-2	Phenol	160	J
55-18-5	N-Nitrosodiethylamine	750	U
62-50-0	Ethyl methanesulfonate	750	U
62-53-3	Aniline	700	U
76-01-7	Pentachloroethane	1000	U
111-44-4	bis(2-Chloroethyl)Ether	740	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	640	U
100-44-7	Benzyl Chloride	720	U
106-46-7	1,4-Dichlorobenzene	650	U
100-51-6	Benzyl Alcohol	690	U
95-50-1	1,2-Dichlorobenzene	740	U
99-65-0	1,3-Dinitrobenzene	700	U
56-57-5	4-Nitroquinoline 1-oxide	6000	U
465-73-6	Isodrin	1200	U
95-48-7	2-Methylphenol	810	U
52-85-7	Famphur	2500	U
108-60-1	bis(2-Chloroisopropyl)Ether	810	U
108-39-4	3-Methylphenol	1600	U
106-44-5	4-Methylphenol	1600	U
930-55-2	N-Nitrosopyrrolidine	660	U
59-89-2	N-Nitrosomorpholine	940	U
98-86-2	Acetophenone	820	U
621-64-7	N-Nitroso-Di-n-Propylamine	760	U
636-21-5	o-Toluidine hydrochloride	2500	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	850	U

100-75-4--------N-Nitrosopiperidine	920	U
78-59-1---------Isophorone	850	U
88-75-5---------2-Nitrophenol	780	U
105-67-9--------2,4-Dimethylphenol	760	U
108-70-3--------1,3,5-Trichlorobenzene	760	U
98-87-3---------Benzal Chloride	660	U
65-85-0---------Benzoic Acid	2400	U
111-91-1--------bis(2-Chloroethoxy)Methane	840	U
120-83-2--------2,4-Dichlorophenol	690	U
120-82-1--------1,2,4-Trichlorobenzene	690	U
91-20-3---------Naphthalene	57	J
106-47-8--------4-Chloroaniline	860	U
87-65-0---------2,6-Dichlorophenol	1500	U
1888-71-7-------Hexachloropropene	710	U
87-68-3---------Hexachlorobutadiene	700	U
87-61-6---------1,2,3-Trichlorobenzene	750	U
98-07-7---------Benzotrichloride	780	U
924-16-3--------N-Nitroso-di-n-butylamine	1800	U
59-50-7---------4-Chloro-3-Methylphenol	940	U
94-59-7---------Safrole	720	U
126-68-1--------Triethylphosphorothioate	6600	U
91-57-6---------2-Methylnaphthalene	1000	U
90-12-0---------1-Methylnaphthalene	1400	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	1600	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	1600	U
77-47-4---------Hexachlorocyclopentadiene	820	U
88-06-2---------2,4,6-Trichlorophenol	1600	U
95-95-4---------2,4,5-Trichlorophenol	1600	U
120-58-1--------Isosafrole	1600	U
91-58-7---------2-Chloronaphthalene	1200	U
90-13-1---------1-Chloronaphthalene	1500	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	800	U
88-74-4---------2-Nitroaniline	1400	U
130-15-4--------1,4-Naphthoquinone	2000	U
131-11-3--------Dimethyl Phthalate	1200	U
208-96-8--------Acenaphthylene	140	J
606-20-2--------2,6-Dinitrotoluene	940	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NS-24

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 27893 SAS No.: _____ SDG No.: 02

Matrix: (soil/water) SOIL Lab Sample ID: 582454

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GH082454B15

Level: (low/med) LOW Date Received: 10/08/93

% Moisture: not dec. 20 dec. _____ Date Extracted: 10/12/93

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/04/93

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	860	U
83-32-9	Acenaphthene	820	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	5600	U
132-64-9	Dibenzofuran	860	U
121-14-2	2,4-Dinitrotoluene	820	U
608-93-5	Pentachlorobenzene	820	U
91-59-8	2-Naphthylamine	1100	U
134-32-7	1-Naphthylamine	1800	U
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U
84-66-2	Diethylphthalate	900	U
297-97-2	Zinophos	840	U
7005-72-3	4-Chlorophenyl-phenylether	750	U
86-73-7	Fluorene	62	J
100-01-6	4-Nitroaniline	1400	U
99-55-8	5-Nitro-o-toluidine	1200	U
122-66-7	1,2-Diphenylhydrazine	860	U
534-52-1	4,6-Dinitro-2-Methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
122-39-4	Diphenylamine	1800	U
99-35-4	1,3,5-Trinitrobenzene	1100	U
62-44-2	Phenacetin	760	U
101-55-3	4-Bromophenyl-phenylether	940	U
2303-16-4	Diallate	820	U
60-51-5	Dimethoate	820	U
118-74-1	Hexachlorobenzene	960	U
92-67-1	4-Aminobiphenyl	510	U
23950-58-5	Pronamide	810	U
87-86-5	Pentachlorophenol	1800	U
82-68-8	Pentachloronitrobenzene	800	U
85-01-8	Phenanthrene	650	J
120-12-7	Anthracene	93	J
84-74-2	Di-n-Butylphthalate	97	J
91-80-5	Methapyrilene	1600	U

(1) - Cannot be separated from Diphenylamine

27893 82 SAMPLE DATA SUMMARY

50-18-0	Cyclophosphamide	790	U
206-44-0	Fluoranthene	760	J
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	890	J
140-57-8	Aramite	820	U
60-11-7	p-Dimethylaminoazobenzene	840	U
510-15-6	Chlorobenzilate	890	U
119-93-7	3,3'-Dimethylbenzidine	1200	U
85-68-7	Butylbenzylphthalate	850	U
53-96-3	2-Acetylaminofluorene	890	U
101-14-4	Methylene-bis(2-Chloroaniline	560	U
91-94-1	3,3'-Dichlorobenzidine	620	U
106-51-4	3,3'-Dimethoxybenzidine	1200	U
56-55-3	Benzo(a)Anthracene	520	J
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)Phthalate	940	U
117-84-0	Di-n-Octyl Phthalate	600	U
205-99-2	Benzo(b)Fluoranthene	910	JX
57-97-6	7,12-Dimethylbenzanthracene	510	U
207-08-9	Benzo(k)Fluoranthene	910	JX
50-32-8	Benzo(a)Pyrene	500	J
56-49-5	3-Methylchloranthrene	760	U
224-42-0	Dibenzo(a,j)acridine	510	U
193-39-5	Indeno(1,2,3-cd)Pyrene	200	J
53-70-3	Dibenz(a,h)Anthracene	540	U
191-24-2	Benzo(g,h,i)Perylene	120	J

(1) - Cannot be separated from Diphenylamine

COMPUCHEM LABORATORIES

PCDD/PCDF SUMMARY REPORT

SAMPLE: NS-24

PROJECT ID: 93-29

SPECIFIC ANALYTES	CONC (PPB)	DL (PPB)	BLANK (PPB)
2,3,7,8-TCDD	ND	0.11	ND
1,2,3,7,8-PeCDD	ND	0.2	ND
1,2,3,4,7,8-HxCDD	ND	0.32	ND
1,2,3,6,7,8-HxCDD	ND	0.16	ND
1,2,3,7,8,9-HxCDD	ND	0.27	ND
1,2,3,4,6,7,8-HpCDD	ND	0.33	ND
OCDD	ND	0.43	ND
2,3,7,8-TCDF	ND	0.099	ND
1,2,3,7,8-PeCDF	ND	0.15	ND
2,3,4,7,8-PeCDF	ND	0.16	ND
1,2,3,4,7,8-HxCDF	ND	0.18	ND
1,2,3,6,7,8-HxCDF	ND	0.14	ND
2,3,4,6,7,8-HxCDF	ND	0.26	ND
1,2,3,7,8,9-HxCDF	ND	0.34	ND
1,2,3,4,6,7,8-HpCDF	ND	0.27	ND
1,2,3,4,7,8,9-HpCDF	ND	0.29	ND
OCDF	ND	0.54	ND

Definitions:

CONC – The concentration, given in parts per billion (ppb) or parts per trillion (ppt).

DL – The detection limit, given in parts per billion (ppb), parts per trillion (ppt), or in nanograms (ng).

BLANK – The concentration of the method blank.

ND – (Non-Detect) The concentration of the analyte is less than the detection limit.

TOTAL ANALYTES	CONC (PPB)	DL (PPB)
TOTAL TCDD	ND	0.11
TOTAL PeCDD	ND	0.20
TOTAL HxCDD	ND	0.32
TOTAL HpCDD	ND	0.33
TOTAL TCDF	ND	0.10
TOTAL PeCDF	ND	0.16
TOTAL HxCDF	ND	0.34
TOTAL HpCDF	ND	0.29

TOTAL DIOXINS/FURANS: ND

TOTAL 2,3,7,8-TCDD TOXICITY (1989 ITEF) EQUIVALENTS: ND

For information, please reference the following when contacting our Technical Services Department:

TLH Project: **P012644**
TLH Batch: **B000563S**
TLH File: **MA00867**

2823 Park One Drive • Sugar Land, Texas 77478

Phone: (713) 240-5340 • FAX: (713) 240-5341

U.S. EPA - SW-846

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NS-24

Lab Name: COMPUCHEM ENV. CORP. Contract: SW-846

Lab Code: COMPU Case No.: 50007 SAS No.: _____ SDG No.: 937361

Matrix (soil/water): SOIL Lab Sample ID: 582470

Level (low/med): LOW Date Received: 10/08/93

% Solids: 79.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12100		E	P
7440-36-0	Antimony	8.7	U		P
7440-38-2	Arsenic	14.2			F
7440-39-3	Barium	118			P
7440-41-7	Beryllium	1.1	U		P
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium	12500		E	P
7440-47-3	Chromium	17.0			P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	75.8			P
7439-89-6	Iron	24900			P
7439-92-1	Lead	200			F
7439-95-4	Magnesium	6250		E	P
7439-96-5	Manganese	354		E	P
7439-97-6	Mercury	.68			CV
7440-02-0	Nickel	25.9			P
7440-09-7	Potassium	583	B		P
7782-49-2	Selenium	4.7		A	F
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	105	B		P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	31.0			P
7440-66-6	Zinc	289			P
	Cyanide				NR
[redacted]	Tin	32.1			P

Color Before: BLACK Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

FORM 1.05 - PAGE 1

FORM I - IN

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	NS-23	GE-13	GE-14	RB-8-3	RB-9	RB-11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	06/22/95	06/14/95	06/14/95	06/14/95	06/14/95	06/15/95
VOLATILE ORGANIC COMPOUNDS						
Chlorobenzene	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.007	ND	ND	0.002	ND	ND
Toluene	0.025	ND	ND	0.018	ND	0.001
Trichloroethene	ND	ND	ND	ND	ND	ND
Xylene	0.035	ND	ND	0.013	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS						
Acenaphthene	ND	ND	0.09	ND	0.73	ND
Acenaphthylene	0.12	0.078	1.2	0.34	2.9	ND
Acetophenone	ND	ND	ND	ND	0.17	ND
Aniline	ND	1.2	3.7	ND	ND	ND
Anthracene	ND	0.048	0.31	0.14	1.5	0.077
Benzo(a)anthracene	0.27	0.15	0.81	0.34	6.8	0.21
Benzo(b)fluoranthene	0.52	0.29	1.5	0.57	10.2	0.32
Benzo(k)fluoranthene	0.20	0.096	0.48	0.19	2.0	0.14
Benzo(ghi)perylene	0.14	0.069	0.47	0.18	2.4	0.075
Bis(2-ethylhexyl)phthalate	0.12	0.083	0.11	0.13	0.29	0.085
Chrysene	0.32	0.21	0.93	0.51	7.9	0.23
Dibenzofuran	ND	ND	0.048	ND	0.34	ND
Di-n-butyl phthalate	1.4	0.63	0.81	0.88	0.55	0.67
Dibenz(a,h)anthracene	ND	ND	0.13	ND	0.21	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	0.050	ND	0.090	ND
Fluoranthene	0.46	0.47	1.1	0.87	5.2	0.59
Fluorene	ND	ND	0.22	0.11	2.4	ND
Indeno(1,2,3-cd)pyrene	0.12	0.062	0.39	0.13	1.7	0.067

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	NS-23	GE-13	GE-14	RB-8-3	RB-9	RB-11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	06/22/95	06/14/95	06/14/95	06/14/95	06/14/95	06/15/95
SEMI-VOLATILE ORGANIC COMPOUNDS (Cont'd)						
2-Methylphenol(o-Cresol)	ND	ND	ND	ND	0.11	ND
2-Methylnaphthalene	ND	ND	0.20	0.068	1.0	ND
Naphthalene	ND	0.059	0.36	0.13	1.8	ND
Pentachlorobenzene	ND	ND	ND	ND	ND	ND
Phenanthrene	0.20	0.32	0.75	1.0	6.3	0.41
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	0.24	ND	ND	ND
INORGANICS						
Antimony	1.2	0.99	2.1	1.5	1.3	ND
Arsenic	5.7	5.2	5.5	11	6.3	2.7
Barium	81	39	75	27	21	24
Beryllium	0.17	0.24	0.27	0.22	0.21	0.19
Cadmium	1.9	1.6	3.0	2.6	2.2	1.2
Chromium	10	12	24	15	9.7	9.8
Cobalt	6.8	9.3	10	13	10	7.1
Copper	49	53	420	90	29	20
Lead	170	62	470	65	45	23
Nickel	14	17	19	22	16	10
Selenium	1.1	0.96	0.9	1.5	1.3	0.76
Silver	ND	ND	ND	ND	ND	ND
Thallium	ND	ND	ND	ND	ND	ND
Vanadium	14	17	17	21	13	8.4
Zinc	190	101	380	140	93	56
Mercury	ND	ND	ND	ND	ND	ND

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	NS-23	GE-13	GE-14	RB-8-3	RB-9	RB-11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	06/22/95	06/14/95	06/14/95	06/14/95	06/14/95	06/15/95
PCDDs/PCDFs						
2,3,7,8-TCDD	ND	ND	ND	0.0000064	ND	ND
Total TCDD	0.0000081	ND	0.000047	0.000011	ND	ND
1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	ND
Total PeCDD	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-HxCDD	ND	ND	0.000014	0.0000030	ND	ND
1,2,3,6,7,8-HxCDD	ND	ND	0.000031	0.0000040	ND	ND
1,2,3,7,8,9-HxCDD	ND	ND	0.000023	0.0000030	ND	ND
Total HxCDD	0.000036	0.000044	0.00038	0.000044	ND	ND
1,2,3,4,6,7,8-HpCDD	0.000054	0.000033	0.00024	0.000030	ND	0.000050
Total HpCDD	0.00010	0.000069	0.00046	0.000057	ND	0.000088
OCDD	0.00038	0.00012	0.00064	0.00011	0.00015	0.000058
2,3,7,8-TCDF	0.000078	0.00010	0.00079	0.000094	ND	0.000027
Total TCDF	0.00086	0.00098	0.00070	0.00080	ND	0.00024
1,2,3,7,8-PeCDF	0.000039	0.000054	0.00049	0.000069	0.000033	0.000021
1,3,4,7,8-PeCDF	0.000055	0.00011	0.00094	0.000091	ND	0.000036
Total PeCDF	0.0014	0.0022	0.010	0.0010	0.000053	0.00032
1,2,3,4,7,8-HxCDF	0.000044	0.0012	0.0017	0.00014	0.000013	0.00012
1,2,3,4,7,8-HxCDF	0.000026	0.00019	0.0016	0.000070	0.000011	0.000060
2,3,4,6,7,8-HxCDF	0.000053	0.00015	0.00062	0.000056	ND	0.000033
1,2,3,7,8,9-HxCDF	0.000015	0.000016	0.00011	0.000047	ND	0.000032
Total HxCDF	0.0013	0.0026	0.011	0.00096	0.000076	0.00051
1,2,3,4,6,7,8-HpCDF	0.00011	0.00024	0.0019	0.00017	0.000019	0.00022
1,2,3,4,7,8,9-HpCDF	0.000013	0.000040	0.00049	0.000041	ND	0.000068
Total HpCDF	0.00033	0.00078	0.0040	0.00033	0.000019	0.00046
OCDF	0.000093	0.00013	0.0014	0.00012	0.000037	0.00018

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	J9-23-7-3	NS-153-C1	NS-161-C9	NS-161-C11	NS-163-C11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	11/20/96	11/20/96	11/21/96	11/21/96	11/21/96
VOLATILE ORGANIC COMPOUNDS					
Chlorobenzene	ND	ND [ND]	ND	ND	ND
Ethylbenzene	ND	ND [ND]	ND	ND	ND
Toluene	ND	ND [ND]	ND	ND	ND
Trichloroethene	ND	ND [ND]	ND	ND	ND
Xylene	ND	ND [ND]	ND	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS					
7,12-Dimethylbenz[a]anthracene	ND	0.042 J* [ND]	ND	ND	ND
Acenaphthene	ND	0.088 J* [ND]	ND	ND	ND
Acenaphthylene	0.044 J*	0.190 J* [ND]	ND	0.057 J*	ND
Acetophenone	0.056 J*	0.091 J* [0.047 J*]	0.053 J*	0.057 J*	ND
Anthracene	ND	0.280 J* [ND]	ND	ND	ND
Benzidine	ND	ND [ND]	0.044 J*	ND	ND
Benzo(a)anthracene	0.130 J*	1.6 [0.099 J*]	0.270 J*	0.220 J*	ND
Benzo(a)pyrene	0.130 J*	1.6 [0.110 J*]	0.320 J*	0.280 J*	ND
Benzo(b)fluoranthene	0.190 J*	2.0 [0.110 J*]	0.290 J*	0.250 J*	0.050 J*
Benzo(g,h,i)perylene	ND	1.0 [ND]	0.220 J*	0.210 J*	0.055 J*
Benzo(k)fluoranthene	0.220 J*	1.20 [0.110 J*]	0.300 J*	0.270 J*	0.064 J*
Bis(2-ethylhexyl)phthalate	0.052 J*	0.110 J* [ND]	0.550	0.090 J*	0.077 J*
Butylbenzylphthalate	ND	ND [ND]	ND	ND	0.620
Chrysene	0.210 J*	1.90 [0.110 J*]	0.350 J*	0.330 J*	0.062 J*
Di-n-butylphthalate	ND	0.051 J* [ND]	0.062 J*	0.052 J*	ND
Dibenz(a,h)anthracene	0.045 J*	0.480 [ND]	0.065 J*	0.066 J*	ND
Dibenzofuran	ND	0.050 J* [ND]	ND	ND	ND

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	J9-23-7-3	NS-153-C1	NS-161-C9	NS-161-C11	NS-163-C11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	11/20/96	11/20/96	11/21/96	11/21/96	11/21/96
SEMI-VOLATILE ORGANIC COMPOUNDS (Cont'd)					
Fluoranthene	0.310 J*	2.9 [0.200 J*]	0.520	0.360 J*	0.042 J*
Fluorene	ND	0.160 J* [ND]	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.096 J*	0.970 [0.064 J*]	0.200 J*	0.190 J*	0.042 J*
Phenanthrene	0.140 J*	1.6 [0.089 J*]	0.250 J*	0.170 J*	ND
Phenol	ND	0.042 J* [ND]	0.062 J*	0.041 J*	ND
Pyrene	0.340 J*	5.6 D [0.210 J*]	0.70	0.59	0.075 J*
INORGANICS					
Antimony	ND	2.5 J*N [ND]	2.2 J*N	4.0 J*N	4.7 J*N
Arsenic	12.2	4.8 [7.8]	7.7	4.2	6.5
Barium	28.9	52.7 [18.4 J*]	77.7	44.8	42.3
Beryllium	0.22 J*	0.16 J* [0.23 J*]	0.30 J*	0.20 J*	0.15 J*
Cadmium	0.37 J*N	ND [ND]	0.47 J*N	ND	2.9 N
Chromium	8.6	8.3 [8.4]	11.7	15.7	12.2
Cobalt	6.0	3.8 J* [7.7]	8.7	5.4 J*	6.3
Copper	17.6 N	26.6 N [18.1 N]	31.4	23.8	51.2
Lead	78.1	102 [24.3]	102	106	262
Nickel	10.8	7.9 [14.2]	14.7	10.3	12.7
Selenium	1.1	0.86 [0.62]	0.95	0.73	0.76
Silver	ND	ND [ND]	0.62 J*N	0.88 J*N	0.40 J*N
Tin	ND	ND [ND]	ND	2.0 J*	17.9
Vanadium	12.0	13.3 [7.6]	18.1	15.2	9.7
Zinc	85.2 E	87.5 E [70.5 E]	192	92.2	152
Mercury	0.13	0.23 [0.080 B]	0.30 N	0.26 N	0.56 N
PCDDs/PCDFs					
1,2,3,4,6,7,8-HpCDD	0.000028	0.000059 [ND]	0.000081	0.000047	0.000013
1,2,3,4,6,7,8-HpCDF	0.000040	0.000091 [0.000010 J**]	0.000310	0.000083	0.000042
1,2,3,4,7,8,9-HpCDF	ND	0.000014 [ND]	0.000056	0.000013	ND

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Sample ID:	J9-23-7-3	NS-153-C1	NS-161-C9	NS-161-C11	NS-163-C11
Depth:	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date:	11/20/96	11/20/96	11/21/96	11/21/96	11/21/96
PCDDs/PCDFs (Cont'd)					
1,2,3,4,7,8-HxCDF	0.000026	0.000051 [0.0000056 J**]	0.00014	0.000060	0.000020
1,2,3,6,7,8-HxCDD	ND	ND [ND]	0.0000078 J**	ND	ND
1,2,3,6,7,8-HxCDF	0.000012	0.000029 [ND]	0.000094	0.000030	0.000014
1,2,3,7,8,9-HxCDD	ND	ND [ND]	0.0000088 J**	ND	ND
1,2,3,7,8-PeCDF	0.000012 J**	0.000023 [ND]	0.000049	0.000024	0.000012
2,3,4,6,7,8-HxCDF	0.000014 w	0.000022 F [ND]	0.000053	0.000026	0.0000091 J**
2,3,4,7,8-PeCDF	0.000018	0.000029 [ND]	0.000068	0.000033	0.000012
2,3,7,8-TCDD	ND	0.0000052 [ND]	0.0000026	ND	ND
2,3,7,8-TCDF	0.000046 g	0.000067 g [0.0000088 g]	0.00014 g	0.000098 g	0.000018 g
HpCDDs (total)	0.000066	0.00012 [ND]	0.00017	0.00010	0.000028
HpCDFs (total)	0.000085	0.000270 [0.000022]	0.0013	0.00021	0.00017
HxCDDs (total)	0.000016	0.000042 [ND]	0.000085	0.000035	0.0000057
HxCDFs (total)	0.00014	0.00074 [0.000082]	0.0034	0.00060	0.00062
OCDD	0.00021	0.00043 [0.000014 J**]	0.00055	0.00037	0.000070
OCDF	0.000080	0.000081 [ND]	0.00018	0.000076	0.000020 J**
PeCDDs (total)	ND	ND [ND]	0.0000070	ND	ND
PeCDFs (total)	0.00031	0.00073 [0.00010]	0.0029	0.00060	0.0011
TCDDs (total)	0.0000059	0.000016 [ND]	0.000032	0.000012	0.0000014
TCDFs (total)	0.00038	0.00053 [0.000080]	0.0012	0.00061	0.00031

(See Notes on Page 7)

TABLE 4-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II INVESTIGATION/RCRA FACILITY INVESTIGATION
OF NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF APPENDIX IX AND PCDD/PCDF DATA IN SURFICIAL SOIL SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc. and submitted to Alta Analytical Laboratory, Inc., MTI, and/or Quanterra, Inc. for analysis of Appendix IX VOCs, SVOCs, Inorganics, and PCDDs/PCDFs.
2. ND - Compound Analyzed for, but not detected.
3. NA - Not Analyzed.
4. J* - Indicates an estimated value less than the CLP-required quan..itation limit.
6. N - Associated matrix spike recovery exceeded control limits.
7. N - Associated matrix spike sample recovery exceeded control limits.
8. E - Inductively Coupled Plasma (ICP) analysis exceeded control limits.
9. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
10. W - Estimated maximum possible concentration.
11. J** - Indicates an estimated value below the lower calibration limit, but above the target detection limit.
12. Duplicate results are shown in brackets.
13. Only analytes detected in at least one sample are shown.

TABLE 4-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF VOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1				NS-2			NS-3		
	Sample Depth (Feet):	0-4	4-8	8-12	12-16	0-4	4-8	8-12	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89	8/89	8/89	8/89	8/89	8/89	8/89	8/89
Benzene		0.005	ND	ND	NA	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	NA	ND	0.003 J	ND	ND	ND	ND
Chloroform		ND	ND	ND	NA	ND	0.009	ND	ND	ND	ND
Methylene Chloride		0.007	0.007	0.005 J	NA	0.014	ND	ND	0.006	0.012	0.008
Tetrachloroethene		ND	0.002 J	ND	NA	ND	ND	ND	ND	ND	ND
Toluene		0.013	0.027	0.001 J	NA	0.003 J	0.004 J	ND	0.001 J	ND	ND
Trichloroethene		0.009	0.015	ND	NA	ND	0.003 J	ND	ND	0.001 J	ND

Analyte	Boring ID.:	NS-4		
	Sample Depth (Feet):	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89
Benzene		ND	ND	ND
Bromodichloromethane		ND	ND	ND
Chloroform		ND	ND	ND
Methylene Chloride		0.01	0.006	0.011
Tetrachloroethene		ND	ND	ND
Toluene		ND	ND	ND
Trichloroethene		ND	ND	ND

(See Notes on Page 8)

TABLE 4-6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF VOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A
	Sample Depth (Feet):	18-20	12-14	14-16	16-18	18-20	20-22	22-24
	Sample Collection Date:	05/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91
Vinyl chloride		ND	ND	ND	ND	ND	0.002 J	ND
Methylene chloride		0.015 B	0.051 B	0.023 B	0.044 B	0.048 B	0.055 B	0.058 B
Acetone		0.017 B	0.019 B	0.037 B	0.039 B	0.037 B	0.037 B	0.011 BJ
1,2-Dichloroethene (total)		0.013	ND	ND	0.008	0.03	0.012	0.011
Chlorobenzene		0.003 J	ND	ND	0.017	0.053	0.002 J	0.009
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND	ND	ND	ND	ND
Benzene		ND	ND	ND	ND	0.002 J	ND	ND
Ethylbenzene		ND	ND	ND	0.003 J	0.005 J	ND	ND
Xylene (total)		ND	ND	ND	ND	ND	ND	ND
Trichloroethene		ND	ND	ND	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	0.002 J	ND	ND
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND

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PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF VOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-5	NS-6	NS-7	NS-8	NS-9
	Sample Depth (Feet):	2-4	4-6	14-16	12-14	12-14
	Sample Collection Date:	05/22/91	11/12/91	05/24/91	05/21/91	05/28/91
Vinyl chloride		ND	ND	ND	0.008 J	ND
Methylene chloride		0.028 B	0.03 B	0.063 B	0.029 B	0.048 B
Acetone		0.009 BJ	0.035 B	0.14 B	0.052 B	0.039 B
1,2-Dichloroethene (total)		ND	0.003 J	ND	0.016	ND
Chlorobenzene		ND	ND	ND	0.21	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		0.001 BJ	ND	0.002 BJ	ND	0.003 BJ
Benzene		ND	ND	ND	0.069	ND
Ethylbenzene		ND	ND	ND	0.003 J	ND
Xylene (total)		ND	ND	ND	0.01	ND
Trichloroethene		ND	0.002 J	ND	0.008	ND
Toluene		ND	ND	ND	ND	ND
1,1,1-Trichloroethane		ND	ND	ND	ND	ND

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SUMMARY OF VOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-9	NS-10	NS-10	NS-10	NS-10	NS-10	NS-10	NS-11	NS-11	NS-12
	Sample Depth (Feet):	14-16	8-10	10-12	12-14	14-16	16-18	18-20	8-10	10-12	14-16
	Sample Collection Date:	10/25/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91	12/10/91	05/22/91
Vinyl chloride		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	ND
Methylene chloride		0.049 B	0.27 B	0.053 B [0.056 B]	0.44 B	0.082 B	0.29 B	0.048 B	0.038 B	0.053 B	0.22 B
Acetone		0.087 B	0.26 B	0.029 B [0.091 B]	0.92 B	0.095 B	0.19 B	0.034 B	0.042	0.051	0.19 B
1,2-Dichloroethene (total)		ND	0.016 J	ND [ND]	ND	0.006 J	ND	ND	ND	ND	ND
Chlorobenzene		ND	0.029 J	ND [0.013 J]	ND	0.019 J	0.013 J	ND	0.017	0.054	0.46
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	ND	ND [ND]	0.015 J	ND	0.014 J	ND	ND	ND	ND
Benzene		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	0.02 J	0.006 J [0.006 J]	0.016 J	0.006 J	0.008 J	0.001 J	ND	ND	0.008 J
Xylene (total)		ND	0.42	0.17 [0.22]	0.45	0.16	0.23	0.026	ND	0.004 J	0.015 J
Trichloroethene		ND	0.032 J	0.007 J [0.007 J]	ND	0.017 J	0.016 J	ND	ND	ND	ND
Toluene		ND	0.01 J	0.002 J [ND]	ND	0.004 J	ND	ND	ND	ND	ND
1,1,1-Trichloroethane		ND	ND	0.002 J [ND]	ND	ND	ND	ND	ND	ND	ND

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

Analyte	Boring ID.:	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	14-16	12-14	0-2	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Vinyl chloride		ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride		3.2 BJ	0.052 B	0.023 B	0.04 B	0.03 B	0.027 B	0.048 B	0.03 B	0.052 B
Acetone		ND	0.075 B	0.005 BJ	0.038 B	0.004 BJ	ND	0.056 B	0.022 B	ND
1,2-Dichloroethene (total)		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		16	0.16	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		ND	0.002 BJ	0.002 BJ	0.003 BJ	0.002 BJ	0.001 BJ	ND	ND	ND
Benzene		0.45 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)		1.6 J	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene		ND	ND	ND	ND	ND	ND	ND	ND	ND

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SUMMARY OF VOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95	06/12/95	06/05/95	06/15/95	06/13/95
Chlorobenzene		ND	0.35	ND [ND]	ND	ND	ND	ND	ND	ND
Ethylbenzene		0.003	ND	ND [0.001]	ND	ND	ND	0.002	ND	ND
Toluene		0.012	0.004	0.001[0.003]	0.002	ND	ND	0.012	0.002	ND
Trichloroethene		0.017	ND	ND [ND]	0.17	ND	ND	ND	ND	ND
Xylene		0.013	ND	0.001[0.003]	0.001	ND	ND	0.012	0.001	ND

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

Analyte	Boring ID.:	NS-30	NS-31	NS-32	NS-33
	Sample Depth (Feet):	32-34	32-34	34-36	12-14
	Sample Collection Date:	02/05/96	02/01/96	02/01/96	02/06/96
Vinyl chloride		ND	0.079	ND	ND
Methylene chloride		ND	ND	0.003 J	0.002 J
Acetone		ND	ND	ND	0.02
1,2-Dichloroethene (total)		0.45 J	1.1 D	0.002 J	ND
Chlorobenzene		4.4	0.034	0.001 J	ND
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	NA	NA	NA
Benzene		2.8	0.033	ND	ND
Ethylbenzene		17	0.044	ND	ND
Xylene (total)		240 D	0.32	0.008	0.004 J
Trichloroethene		1800 D	5.0 D	0.22	0.024
Toluene		55D J	0.19	0.006	ND
1,1,1-Trichloroethane		ND	ND	ND	ND
Carbon tetrachloride		9.9	ND	ND	ND
Chloroform		2.0	0.016 J	ND	ND
1,1,2-Trichloroethane		0.69 J	ND	ND	ND
Tetrachloroethene		30	0.036	0.002 J	ND

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

Analyte	Boring ID.:	NS-34	NS-35	NS-36	NS-37	J9-23-7-4	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	8-10	6-8	10-12	10-12	2-4	1-2	1-2
	Sample Collection Date:	11/13/96	11/12/96	11/14/96	11/15/96	11/20/96	11/20/96	11/20/96
Acetone		ND	ND	ND	0.012 J	ND	ND	ND
Trichloroethene		0.010 J	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		0.004 J	ND	ND	ND	ND	ND	ND

Notes:

1. Samples were collected by Geraghty & Miller, Inc., and Blasland, Bouck & Lee, Inc., and submitted to CompuChem Laboratories or Quanterra Environmental Services for analysis of Appendix IX+3 Volatile Organic Constituents (VOCs).
2. Only analytes detected in at least one sample are shown.
3. ND - Compound was analyzed for, but not detected.
4. B - Compound was also found in the associated blank sample.
5. J - Indicates an estimated value less than the CLP - required quantitation limit.
6. Duplicate samples are in brackets.
7. NA - Not analyzed.
8. D - Compound was analyzed at a secondary dilution.

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SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A
	Sample Depth (Feet):	18-20	12-14	14-16	16-18	18-20	20-22	22-24
	Sample Collection Date:	05/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91
Phenol		ND	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND	ND	ND	ND	ND
3-Methylphenol		ND	ND	ND	ND	ND	ND	ND
4-Methylphenol		ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	0.048 J	ND	0.049 J	0.17 J	ND	0.21 J
Phenanthrene		ND	0.17 J	0.25 J	0.18 J	1.7	ND	2.1
Anthracene		ND	ND	0.051 J	ND	0.29 J	ND	0.38 J
Di-n-butylphthalate		ND	ND	ND	ND	ND	ND	ND
Fluoranthene		0.056 J	0.091 J	ND	ND	0.42 J	ND	0.56
Pyrene		0.087 J	0.11 J	ND	ND	0.86	ND	1.0
Benzo(a)anthracene		ND	0.069 J	0.13 J	0.12 J	0.32 J	ND	0.38 J
Chrysene		0.042 J	0.072 J	0.097 J	0.095 J	0.38 J	ND	0.31 J
Bis(2-ethylhexyl)phthalate		0.37 BJ	0.095 J	0.063 J	0.08 J	0.15 J	ND	0.087 J
Benzo(b)fluoranthene		0.047 JX	0.11 JX	0.2 JX	0.19 JX	0.28 JX	ND	0.37 JX
Benzo(k)fluoranthene		0.047 JX	0.11 JX	0.2 JX	0.19 JX	0.28 JX	ND	0.37 JX
Benzo(a)pyrene		ND	0.076 J	0.11 J	0.13 J	0.24 J	ND	0.3 J
Indeno(1,2,3-cd)pyrene		ND	ND	0.066 J	0.079 J	0.088 J	ND	0.1 J
Dibenz(a,h)anthracene		ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	0.046 J	0.089 J	0.11 J	0.12 J	ND	0.13 J
1,2,4-Trichlorobenzene		0.13 J	ND	0.11 J	0.078 J	0.06 J	ND	0.081 J
1,4-Dichlorobenzene		ND	ND	ND	0.36 J	0.22 J	ND	0.28 J
1-Methylnaphthalene		ND	ND	0.063 J	ND	0.26 J	ND	0.28 J
Fluorene		ND	ND	0.045 J	ND	0.33 J	ND	0.4 J
1,3-Dichlorobenzene		ND	ND	ND	0.076 J	0.054 J	ND	0.052 J
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND	ND

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SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A
	Sample Depth (Feet):	18-20	12-14	14-16	16-18	18-20	20-22	22-24
	Sample Collection Date:	05/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91
Naphthalene		ND	0.2 J	0.075 J	0.12 J	0.46 J	ND	0.54
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		ND	0.086 J	ND	ND	0.23 J	ND	0.26 J
1,2,3,4-Tetrachlorobenzene		ND	ND	0.14 J	0.095 J	ND	ND	0.051 J
1,2,3,5-Tetrachlorobenzene		ND	ND	0.055 JX	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	ND	0.055 JX	ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND	0.056 J	ND	0.052 J
Dibenzofuran		ND	ND	ND	ND	ND	ND	ND
2-Methylphenol		ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
Methapyrilene		ND	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	0.87	ND	ND
Zinophos		ND	ND	ND	ND	0.06 J	ND	ND
Cyclophosphamide		ND	ND	ND	ND	0.089 J	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND

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SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10
	Sample Depth (Feet):	2-4	4-6	12-14	12-14	14-16	8-10	10-12
	Sample Collection Date:	05/22/91	11/12/91	05/21/91	05/28/91	10/25/91	11/15/91	11/15/91
Phenol		0.17 J	ND	ND	0.088 J	ND	ND	ND
Aniline		0.7	ND	ND	0.32 J	ND	ND	ND
3-Methylphenol		0.097 JX	ND	ND	0.054 JX	ND	ND	ND
4-Methylphenol		0.097 JX	ND	ND	0.054 JX	ND	ND	ND
2,4-Dimethylphenol		0.061 J	ND	ND	0.061 J	ND	ND	ND
Acenaphthylene		ND	0.13 J	ND	0.062 J	0.15 J	ND	ND
Phenanthrene		1.3	16	0.074 J	0.19 J	2.5	110	1.0 J
Anthracene		0.23 J	3.6	ND	0.063 J	0.3 J	27	ND
Di-n-butylphthalate		ND	ND	ND	0.089 J	ND	ND	ND
Fluoranthene		1.3	10	ND	0.43	1.6	89	0.3 J
Pyrene		0.99	7.3	ND	0.4 J	2.0	71	0.24 J
Benzo(a)anthracene		0.58	3.9	ND	0.29 J	0.92	77	0.4 J
Chrysene		0.59	3.6	0.055 J	0.33 J	0.77	42	ND
Bis(2-ethylhexyl)phthalate		0.16 BJ	0.36 J	0.075	0.28 BJ	0.067 J	ND	0.58 J
Benzo(b)fluoranthene		1.1 X	5.1 X	ND	0.22 J	1.1 X	45 X	ND
Benzo(k)fluoranthene		1.1 X	5.1 X	ND	0.57	1.1 X	45 X	ND
Benzo(a)pyrene		0.44	2.2	ND	0.35 J	0.67	25 J	ND
Indeno(1,2,3-cd)pyrene		0.25 J	1.2	ND	0.17 J	0.35 J	14 J	ND
Dibenz(a,h)anthracene		0.14 J	0.64 J	ND	0.073 J	0.11 J	4.8 J	ND
Benzo(g,h,i)perylene		0.27 J	1.4	ND	0.22 J	0.4	14 J	ND
1,2,4-Trichlorobenzene		ND	1.2	0.37 J	ND	ND	4.2 J	1.4 J
1,4-Dichlorobenzene		ND	ND	0.096 J	ND	ND	9.0 J	ND
1-Methylnaphthalene		0.063 J	1.7	0.051 J	ND	ND	ND	0.44 J
Fluorene		0.091 J	5.3	ND	ND	0.29 J	15 J	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND	ND

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SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10
	Sample Depth (Feet):	2-4	4-6	12-14	12-14	14-16	8-10	10-12
	Sample Collection Date:	05/22/91	11/12/91	05/21/91	05/28/91	10/25/91	11/15/91	11/15/91
Naphthalene		0.092 J	3.5	ND	ND	ND	ND	1.1 J
1,2,3-Trichlorobenzene		ND	0.16 J	0.12 J	ND	ND	ND	ND
2-Methylnaphthalene		0.048 J	1.7	ND	ND	ND	ND	0.39 J
1,2,3,4-Tetrachlorobenzene		ND	0.15 J	ND	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
Acenaphthene		0.11 J	4.4	ND	ND	0.04 J	5.6 J	ND
Dibenzofuran		0.083 J	2.8	ND	ND	ND	9.6 J	ND
2-Methylphenol		ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	0.23 J	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	ND	ND	ND	0.43 J
Methapyrilene		ND	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND	ND
Zinophos		ND	ND	ND	ND	ND	ND	1.5 J
Cyclophosphamide		ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	0.042 BJ	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND	1.5 J
2-Naphthylamine		ND	ND	ND	ND	ND	ND	0.34 J
2-Picoline		ND	ND	ND	ND	ND	ND	0.59 J
3-Nitroaniline		ND	ND	ND	ND	ND	ND	0.49 J
4-Nitrophenol		ND	ND	ND	ND	ND	ND	1.5 J
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND	1.5 J
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND	0.023 J
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-10**	NS-10	NS-10	NS-10	NS-10 RE	NS-10	NS-11
Sample Depth (Feet):	10-12	12-14	14-16	16-18	16-18	18-20	8-10
Sample Collection Date:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91
Phenol	ND	ND	ND	ND	ND	ND	ND
Aniline	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	0.85 J	1.4	22	22	0.15 J	3.3 J
Anthracene	ND	ND	0.22 J	4.9	4.6	ND	0.81 J
Di-n-butylphthalate	ND	ND	ND	0.71 J	ND	ND	ND
Fluoranthene	ND	0.31 J	ND	14	16	0.096 J	5.8
Pyrene	ND	0.45 J	ND	10	11	0.098 J	4.0 J
Benzo(a)anthracene	ND	ND	ND	7.0	12	0.074 J	3.2 J
Chrysene	ND	0.58 J	ND	5.7	5.8	0.13 J	4.7
Bis(2-ethylhexyl)phthalate	ND	ND	ND	0.79 J	0.53 J	0.1 J	ND
Benzo(b)fluoranthene	ND	ND	ND	7.0 X	7.3 X	ND	2.8 JX
Benzo(k)fluoranthene	ND	ND	ND	7.0 X	7.3 X	ND	2.8 JX
Benzo(a)pyrene	ND	ND	ND	3.8	4.2	ND	2.3 J
Indeno(1,2,3-cd)pyrene	ND	ND	ND	2.1	1.8 J	ND	0.81 J
Dibenz(a,h)anthracene	ND	ND	ND	0.67 J	0.6 J	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	1.9 J	1.6 J	ND	0.85 J
1,2,4-Trichlorobenzene	ND	ND	0.21 J	0.4 J	0.38 J	ND	1.9 J
1,4-Dichlorobenzene	ND	3.0	ND	ND	1.2 J	ND	4.6
1-Methylnaphthalene	ND	0.48 J	ND	3.0	3.0	ND	1.0 J
Fluorene	ND	ND	0.25 J	ND	4.7	ND	0.46 J
1,3-Dichlorobenzene	ND	ND	0.85	ND	ND	ND	1.0 J
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride	ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-10**	NS-10	NS-10	NS-10	NS-10 RE	NS-10	NS-11
Sample Depth (Feet):	10-12	12-14	14-16	16-18	16-18	18-20	8-10
Sample Collection Date:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91
Naphthalene	ND	0.72 J	0.67	8.1	8.1	ND	0.72 J
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	0.36 J	0.23 J	2.9	2.6	ND	0.59 J
1,2,3,4-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	0.13 J	0.32 J	3.0	ND	ND
Dibenzofuran	ND	ND	0.19 J	ND	4.3	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	ND	ND	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND
Methapyrilene	2.8 J	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine	ND	ND	ND	ND	ND	ND	ND
Zinophos	0.5 J	ND	ND	ND	ND	ND	ND
Cyclophosphamide	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND
Dimethoate	ND	1.2 J	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND
2-Naphthylamine	ND	ND	ND	ND	ND	ND	ND
2-Picoline	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl	0.65 J	1.2 J	ND	1.1 J	1.0 J	ND	ND
Hexachloroethane	ND	2.1 J	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	25	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-12	NS-12 DL	NS-13	NS-13 DL	NS-14	RB-6
	Sample Depth (Feet):	14-16	14-16	14-16	14-16	12-14	0-2
	Sample Collection Date:	05/22/91	05/22/91	05/21/91	05/21/91	05/24/91	05/21/91
Phenol		ND	ND	ND	ND	ND	0.51
Aniline		ND	ND	ND	ND	ND	1.5
3-Methylphenol		ND	ND	ND	ND	ND	0.043 JX
4-Methylphenol		ND	ND	ND	ND	ND	0.043 JX
2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	0.19 J
Phenanthrene		ND	ND	0.94	1.2 DJ	0.8 J	0.28 J
Anthracene		ND	ND	ND	ND	ND	0.066
Di-n-butylphthalate		ND	ND	ND	ND	ND	0.35 J
Fluoranthene		ND	ND	0.55	ND	0.43 J	0.45
Pyrene		ND	ND	0.54	ND	0.36 J	0.56
Benzo(a)anthracene		ND	ND	0.31 J	0.61 DJ	ND	0.33 J
Chrysene		ND	ND	0.63	1.1 DJ	ND	0.44
Bis(2-ethylhexyl)phthalate		ND	ND	ND	3.2 DJ	1.7 BJ	0.06 J
Benzo(b)fluoranthene		ND	ND	0.31 JX	0.62 DJ	ND	0.75 X
Benzo(k)fluoranthene		ND	ND	0.31 JX	0.62 DJ	ND	0.75 X
Benzo(a)pyrene		ND	ND	0.15 J	ND	ND	0.41
Indeno(1,2,3-cd)pyrene		ND	ND	0.071 J	ND	ND	0.25 J
Dibenz(a,h)anthracene		ND	ND	ND	ND	ND	0.11 J
Benzo(g,h,i)perylene		ND	ND	0.098 J	ND	ND	0.32 J
1,2,4-Trichlorobenzene		14	18 D	9.6 E	14 D	ND	ND
1,4-Dichlorobenzene		38 E	38 D	25 E	44 D	1.2 J	ND
1-Methylnaphthalene		ND	ND	0.6	0.81 DJ	0.21 J	ND
Fluorene		ND	ND	0.23 J	ND	0.22 J	0.057 J
1,3-Dichlorobenzene		3.7	4.1 D	5.1	6.5 D	ND	ND
1,2-Dichlorobenzene		3.8	4.5 D	0.52	0.67 DJ	ND	ND
Benzyl chloride		ND	ND	0.35 J	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-12	NS-12 DL	NS-13	NS-13 DL	NS-14	RB-6
	Sample Depth (Feet):	14-16	14-16	14-16	14-16	12-14	0-2
	Sample Collection Date:	05/22/91	05/22/91	05/21/91	05/21/91	05/24/91	05/21/91
Naphthalene		ND	ND	0.76	1.0 DJ	ND	0.041 J
1,2,3-Trichlorobenzene		11	12 D	0.7	0.88 DJ	ND	ND
2-Methylnaphthalene		ND	ND	0.43 J	0.57 DJ	ND	ND
1,2,3,4-Tetrachlorobenzene		0.86 J	0.88 DJ	0.26 J	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		0.68 JX	0.65 DJ	0.67 X	0.98 DJX	ND	ND
1,2,4,5-Tetrachlorobenzene		0.68 JX	0.65 DJ	0.67 X	0.98 DJX	ND	ND
Acenaphthene		ND	ND	0.16 J	ND	ND	ND
Dibenzofuran		ND	ND	0.14 J	ND	ND	ND
2-Methyl phenol		ND	ND	ND	ND	ND	0.06 J
Benzoic acid		ND	ND	ND	ND	ND	0.1 J
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	6.8 D	ND	ND
Methapyrilene		ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND
Zinophos		ND	ND	ND	ND	ND	ND
Cyclophosphamide		ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Phenol		ND	0.43	0.18 J	ND	ND	ND
Aniline		0.29 J	0.61	0.5 J	ND	ND	ND
3-Methylphenol		ND	0.062 JX	ND	ND	ND	ND
4-Methylphenol		ND	0.062 JX	ND	ND	ND	ND
2,4-Dimethylphenol		ND	0.047 J	ND	ND	ND	ND
Acenaphthylene		ND	0.33 J	1.7	ND	ND	ND
Phenanthrene		0.12 J	0.38	0.46 J	ND	ND	0.04 J
Anthracene		0.04 J	0.12 J	0.4 J	ND	ND	ND
Di-n-butylphthalate		0.071 J	ND	ND	ND	ND	ND
Fluoranthene		0.13 J	ND	1.5	ND	ND	0.056 J
Pyrene		0.16 J	ND	2.5	ND	0.044 J	0.078 J
Benzo(a)anthracene		0.079 J	0.52	1.9	ND	ND	ND
Chrysene		0.1 J	0.76	2.4	ND	ND	0.05 J
Bis(2-ethylhexyl)phthalate		0.041 J	ND	ND	0.045 J	0.34 J	0.26 J
Benzo(b)fluoranthene		0.19 JX	1.3 X	5.5 X	ND	ND	0.06 JX
Benzo(k)fluoranthene		0.19 JX	1.3 X	5.5 X	ND	ND	0.06 JX
Benzo(a)pyrene		0.11 J	0.59	3.8	ND	ND	ND
Indeno(1,2,3-cd)pyrene		0.067 J	0.4	1.9	ND	ND	ND
Dibenz(a,h)anthracene		ND	0.18 J	0.82	ND	ND	ND
Benzo(g,h,i)perylene		0.088 J	0.47	2.9	ND	ND	ND
1,2,4-Trichlorobenzene		ND	0.38	0.096 J	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND
1-Methylnaphthalene		ND	0.052 J	ND	ND	ND	ND
Fluorene		ND	ND	0.15 J	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Naphthalene		ND	0.09 J	0.097 J	ND	ND	ND
1,2,3-Trichlorobenzene		ND	0.11 J	ND	ND	ND	ND
2-Methylnaphthalene		ND	ND	0.41 J	ND	ND	ND
1,2,3,4-Tetrachlorobenzene		ND	0.2 J	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		ND	0.092 JX	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	0.092 JX	ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	ND	ND
2-Methyl phenol		ND	ND	ND	ND	ND	ND
Benzoic acid		0.15 J	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	0.08 J	ND	ND	ND
2-Nitroaniline		0.039 J	ND	ND	ND	ND	ND
Methapyrilene		0.22 J	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND
Zinophos		ND	ND	ND	ND	ND	ND
Cyclophosphamide		ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2
	Sample Collection Date:	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95
Acenaphthene		0.14	ND	ND [ND]	ND	ND	ND	0.16	ND	0.13
Acenaphthylene		2.0	ND	0.27 [0.18]	ND	0.075	ND	1.1	ND	0.22
Acetophenone		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.35
Anthracene		0.76	ND	0.076 [ND]	0.16	ND	ND	0.74	ND	0.56
Benzo(a)anthracene		1.9	0.19	0.21 [0.14]	0.45	ND	ND	2.6	ND	2.8
Benzo(b)fluoranthene		3.1	0.14	0.41 [0.30]	1.5	ND	ND	3.0	ND	4.5
Benzo(k)fluoranthene		1.2	0.059	0.15 [0.097]	0.50	ND	ND	1.1	ND	1.6
Benzo(ghi)perylene		1.6	NA	0.16 [0.11]	0.43	ND	ND	0.84	ND	1.2
Benzo(a)pyrene		3.1	0.078	0.32 [0.22]	0.57	ND	ND	2.7	ND	2.9
Bis(2-ethylhexyl)phthalate		0.11	0.22	0.070 [0.077]	0.26	0.055	0.043	0.26	ND	0.072
Chrysene		2.1	0.060	0.21 [0.16]	0.37	ND	ND	2.7	ND	2.8
Dibenzofuran		0.076	ND	ND [ND]	ND	ND	ND	0.097	ND	0.11
Di-n-butyl phthalate		2.3	0.44	0.73 [0.56]	0.56	0.40	0.42	0.71	1.1	0.72
Dibenz(a,h)anthracene		ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.12
1,3-Dichlorobenzene		ND	0.28	ND [ND]	0.25	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	2.6	ND [ND]	0.57	ND	ND	ND	ND	ND
2,4-Dimethylphenol		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
Fluoranthene		1.9	0.13	0.25 [0.17]	0.58	ND	ND	2.7	ND	3.1
Fluorene		ND	0.17	ND [ND]	0.12	ND	ND	0.36	ND	0.15

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24
Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2
Sample Collection Date:	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95
Indeno(1,2,3-cd)pyrene	1.1	ND	0.12 [0.077]	0.38	ND	ND	0.67	ND	1.1
2-Methylphenol(o-Cresol)	ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.16	0.10	0.069 [ND]	ND	ND	ND	0.10	ND	0.064
Naphthalene	0.24	0.17	0.20 [0.13]	0.11	0.039	ND	0.17	ND	0.15
Pentachlorobenzene	ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.34
Phenanthrene	1.2	0.35	0.19 [0.13]	0.69	ND	ND	1.9	ND	1.9
Pyrene	4.6	0.57	0.43 [0.32]	0.28	ND	ND	4.9	ND	3.1
1,2,4,5-Tetrachlorobenzene	ND	ND	ND [ND]	0.11	ND	ND	ND	ND	3.5
1,2,4-Trichlorobenzene	ND	ND	0.093 [0.062]	2.2	ND	ND	ND	ND	0.77

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PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1				NS-2		
	Sample Depth (Feet):	0-4	4-8	8-12	12-16	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89	8/89	8/89	8/89	8/89
Acenaphthylene		0.51 J	0.48 J	ND	NA	0.18 J	1.8 J	ND
Anthracene		ND	ND	ND	NA	ND	0.54 J	ND
Benzo(a)anthracene		ND	ND	ND	NA	0.16 J	1.1 J	ND
Benzo(b)fluoranthene		0.58 J	0.47 J	ND	NA	0.14 J	1.1 J	ND
Benzo(k)fluoranthene		0.47 J	0.49 J	ND	NA	0.13 J	1.1 J	ND
Benzo(a)pyrene		0.56 J	0.41 J	ND	NA	0.2 J	1.4 J	ND
Benzo(g,h,i)perylene		ND	ND	ND	NA	ND	1.6 J	ND
Bis(2-ethylhexyl)phthalate		ND	ND	0.14 J	NA	ND	ND	ND
Chrysene		ND	ND	ND	NA	0.16 J	1.2 J	ND
Dibenzo(a,h)anthracene		ND	ND	ND	NA	ND	ND	ND
Fluoranthene		ND	ND	ND	NA	0.24 J	1.1 J	ND
Indeno(1,2,3-cd)pyrene		0.44 J	0.35 J	ND	NA	0.11 J	1.1 J	ND
Phenanthrene		ND	ND	ND	NA	0.21 J	0.69 J	ND
Pyrene		ND	ND	ND	NA	0.38 J	1.8 J	ND
1,2,4-Trichlorobenzene		1.7 J	2.5 J	ND	NA	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-3			NS-4		
	Sample Depth (Feet):	0-4	4-8	8-12	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89	8/89	8/89	8/89
Acenaphthylene		ND	2.9 J	ND	ND	ND	ND
Anthracene		ND	0.85 J	ND	ND	ND	ND
Benzo(a)anthracene		0.58 J	2.2 J	ND	ND	ND	ND
Benzo(b)fluoranthene		0.42 J	2.1 J	ND	ND	ND	ND
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND
Benzo(a)pyrene		0.55 J	1.8 J	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	2.1 J	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate		ND	ND	0.098 J	ND	0.14 J	0.28 J
Chrysene		0.48 J	1.7 J	ND	ND	ND	ND
Dibenzo(a,h)anthracene		ND	0.57 J	ND	ND	ND	ND
Fluoranthene		0.78 J	1.5 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ND	1.6 J	ND	ND	ND	ND
Phenanthrene		0.71 J	0.66 J	ND	ND	ND	ND
Pyrene		0.91	3.2 J	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-34	NS-35	NS-36	NS-37	J9-23-7-4	J9-23-7-5	NS-153-C3
Sample Depth (Feet):	8-10	6-8	10-12	10-12	2-4	1-2	1-2
Sample Collection Date:	11/13/96	11/12/96	11/14/96	11/15/96	11/20/96	11/20/96	11/20/96
1,2,4-Trichlorobenzene	0.650 J	ND	ND	ND	ND	ND	ND
Acetophenone	0.160 J	ND	ND	0.063 BJ	ND	0.61	ND
Anthracene	ND	ND	ND	ND	ND	0.47	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	2.4	1.4
Benzo(a)pyrene	ND	ND	ND	ND	ND	2.6	1.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	2.2	1.4
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	1.6	1.1
Benzo(k)fluoranthene	ND	ND	ND	0.063 JX	ND	3.0	1.5
Bis(2-ethylhexyl)phthalate	0.200 J	0.061 J	0.069 BJ	0.051 BJ	0.59	0.43	ND
Chrysene	ND	ND	ND	0.045 J	ND	3.0	1.7
Di-n-butylphthalate	0.280 J	0.260 J	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	0.53	ND
Fluoranthene	ND	ND	ND	0.050 J	ND	5.7	3.2
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	1.4	0.93
Phenanthrene	ND	ND	ND	ND	ND	2.4	1.6
Pyrene	ND	ND	ND	0.059 J	0.43	5.2	3.1

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Notes:

1. 1989-1991 Samples were collected by Geraghty & Miller, Inc., and submitted to Compuchem Laboratories for analysis. 1995-1996 samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Maximillian Technologies or Quanterra, Inc., for analysis.
2. Samples were analyzed for Appendix IX+3 Semivolatile Organic Constituents (SVOCs). Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. J - Indicates an estimated value less than the CLP-required quantitation limit.
6. X - Indicates coeluting indistinguishable isomers.
7. E - The compound concentration exceeded the calibration range of the GC/MS instrument for that specific analysis.
8. D or DL - Indicates that analysis was performed at a secondary dilution factor.
9. RE - Indicates a re-extraction and re-analysis.

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10**	NS-11	NS-12
	Sample Depth (Feet):	18-20	18-20	2-4	4-6	12-14	12-14	14-16	10-12	10-12	8-10	14-16
	Sample Collection Date:	05/23/91	11/12/91	05/22/91	11/12/91	05/21/91	10/25/91	10/25/91	11/15/91	11/15/91	12/10/91	05/22/91
Aluminum		7,480	8,300	8,140	10,700	11,400	8,620	8,830	7,400	7,750	9,180 S	10,200
Antimony		ND	ND	ND	7.9 N	ND	ND	ND	ND	ND	13.9 J*N	ND
Arsenic		3.1 N	4.0 N	2.9	10.2 AN	7.1	3.4 AN	4.7	1.5 S	2.4 S	8.6 A	1.4
Barium		17.2 J*	24.3 J*	246 S	152	670 S	27.4	17 J*	10.6 J*NS	63.2 NS	240	31 S
Beryllium		0.16 J*	0.19 J*	0.20 J*	0.29 J*	0.55 J*	0.21 J*.	ND	0.21 J*	0.33 J*	0.57 J*	0.25 J*
Cadmium		ND	ND	1.2	5.6	ND	ND	ND	ND	ND	2.6	ND
Calcium		7,820	4,700	21,500 E	25,000	1,420 E	23,300	9,840 S	707 ES	2,010 ES	9,190 E	25,500 E
Chromium		8.9	10.9	25.4	62.4	19.7	9.2	10	6.9 ENS	13.3 ENS	106	10.2
Cobalt		9.6	11.2	8.7	11.9	11.3	9.2	13.2	7.6 S	6.2 S	13.9	9.1
Copper		37.8	33.5	193	1,060	233	20.9	62.8 NS	36.9 S	336 S	980 N	17.3
Iron		16,800	18,700 E	18,300 E	28,400 E	23,100 E	19,400	21,200 E	15,600 ES	20,400 ES	32,600 S	20,600 E
Lead		21.1 A	20.7	271 S	520 N	235 S	13.8 A	64.5 N	33.2 E	469 E	968 S	2.4 AS
Magnesium		5,750	4,640	12,000	11,000	3,840	14,300	7,620 S	3,190	3,070	4,300	17,000
Manganese		422	413	405 ES	875	195 ES	415	668	177 ES	198 ES	473 NS	368 ES
Mercury		ND	ND	4.6	3.3 NS	0.16	ND	ND	ND	ND	3.7	ND
Nickel		18.1	18.1	19.3	45	27.6	17.3	19.7	16.5 NS	15.2 NS	70.2	17.6
Potassium		528 J*	590 J*	484 J*	816	649 J*	1,040	307 J*	325 J*	458 J*	567 J*	1,150
Selenium		ND	0.62 J*WN	ND	ND	ND	ND	ND	ND	0.50 J*N	ND	ND
Silver		ND	ND	ND	1.4 S	ND	ND	ND	ND	ND	3.4 N	ND
Sodium		74.3 J*	140 J*	268 J*	280 J*	368 J*	192 J*	171 J*	97.4 J*	195 J*	451 J*	76.5 J*
Vanadium		7.1	9.3	17.1	12.4	19.2	8.6	8.3	7.2	9.0	21.9	13.7
Zinc		57.3	77.9 E	986 E	806 E	216 E	65.1	86.7 E	66.1 ES	275 ES	1,300	59.4 E

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	14-16	12-14	0-2	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Aluminum		2,690	7,230	6,920	7,110	9,450	6,920	12,400 S	13,500 S	7,470 S
Antimony		ND	ND	ND	ND	ND	ND	ND	ND	11.1 J*N
Arsenic		2.6	3.3 N	3.8	4.6 A	7.9	3.7	37.4 A	4.9	4.5
Barium		54.9 S	34	46.5 S	40.7 S	35.6 S	93.4 S	37.5 J*	20.6 J*	22.0 J*
Beryllium		ND	ND	0.32 J*	0.26 J*	0.30 J*	0.24 J*	ND	ND	ND
Cadmium		ND	ND	0.58 J*	ND	ND	0.94	ND	ND	ND
Calcium		427 J*E	1,320	6,450 E	6,040 E	7,830 E	4,070 E	1,680 E	7,070 E	639 J*E
Chromium		8.2	9.2	23.5	16.8	9.3	25.5	13	15.2	9.0
Cobalt		2.9 J*	9.2	7.4	7.8	11.6	7.4	14.4	15.2	10.9 J*
Copper		1,440	68.4	81.4	23.1	17.8	184	22.7 N	39.1 N	45.5 N
Iron		5,410 E	18,300	15,200 E	15,200 E	24,400 E	15,400 E	32,500 S	30,600 S	18,000 S
Lead		108 S	32.1	60.2 S	50.2 S	15.3 S	123 S	8.9 S	65.4 S	22.5 AS
Magnesium		969	3,060	6,350	6,310	6,490	4,840	5,050	8,790	3,200
Manganese		51.1 ES	335	324 ES	431 ES	633 ES	269 ES	1,070 NS	747 NS	299 NS
Mercury		0.26	1.1	0.10	0.22	3.0	0.35	ND	ND	ND
Nickel		16.1	17.4	13.9	13.5	19.6	16	23.9	26.1	15.6
Potassium		175 J*	348 J*	422 J*	405 J*	437 J*	446 J*	286 J*	318 J*	364 J*
Selenium		0.67 J*AN	ND	ND	ND	ND	ND	ND	ND	ND
Silver		ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium		147 J*	82.9 J*	56.6 J*	67.5 J*	50.8 J*	132 J*	108 J*	119 J*	118 J*
Vanadium		3.6 J*	7.0	12.6	12.8	15.6	12.5	12.3	12.3	8.4 J*
Zinc		196 E	63.1	98.1 E	67.0 E	82.7 E	291 E	67.5	90.2	66.7

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-23	NS-24
Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-0.5	0-2
Sample Collection Date:	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95
Antimony	0.64	0.17	1.7 [2.1]	0.78	0.51	0.81	1.7	0.62	1.2	130
Arsenic	6.5	5.2	4.0 [6.5]	8.2	2.6	2.6	4.1	5.5	5.7	26
Barium	42	260	170 [230]	200	16	4.6	76	7.5	81	580
Beryllium	0.27	0.33	0.15 [0.24]	0.27	0.22	0.73	0.21	0.33	0.17	0.45
Cadmium	2.4	1.4	1.8 [3.0]	2.2	1.3	1.9	1.7	2.5	1.9	18
Chromium	27	9.5	11 [16]	14	7.7	8.1	13	7.2	10	210
Cobalt	11	8.1	5.1 [6.8]	16	9.8	8.1	9.4	10	6.8	25
Copper	82	26	4,100 [3,510]	110	13	4.2	250	17	49	11,000
Lead	87	25	710 [160]	4,600	5.0	5.4	210	7.2	170	12,000
Mercury	ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	2.2
Nickel	18	10	34 [30]	730	12	14	14	14	14	130
Selenium	1.4	1.1	0.71 [1.3]	2.0	0.65	1.2	0.75	1.5	1.1	4.1
Silver	ND	ND	3.3 [0.45]	ND	ND	ND	ND	ND	ND	23
Thallium	ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	1.0
Tin	18	9.6	150 [91]	30	0.81	9.6	30	7.3	16	1,200
Vanadium	11	11	8.2 [13]	11	9.0	17	8.9	9.4	14	26
Zinc	410	64	620 [54]	260	42	53	130	45	190	3,000

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID:	NS-34	NS-35	NS-36	NS-37	J9-23-7-4	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	8-10	6-8	10-12	10-12	2-4	1-2	1-2
	Sample Collection Date:	11/13/96	11/12/96	11/14/96	11/15/96	11/20/96	11/20/96	11/20/96
Antimony		8.8 J*N	3.7 J*N	ND	ND	ND	ND	ND
Arsenic		12.1	3.2	7.9	2.5	4.9	9.9	8.5
Barium		243	11.6 J*	10.9 J*E	39.4	17.2 J*	20.1 J*	21.0 J*
Beryllium		1.4 J*	0.13 J*	0.18 J*	0.32 J*	0.24 J*	0.14 J*	0.25 J*
Cadmium		ND	ND	0.33 J*N	0.50 J*N	ND	ND	ND
Chromium		40.5	4.7	17.3 E	11.0	10	7.7	8.0
Cobalt		36.1	15.1	20.3 E	7.5	8.2	6.3	7.2
Copper		192 N*	20.9 N*	35.3	37.7 N	11.5 N	9.4 N	20.2 N
Lead		46.5 E*	13.5 E*	12.8 E	55.0	15.7	27.4	27.3
Mercury		0.15 J*	ND	0.12 J*	0.07 J*	0.08 J*	0.10 J*	0.07 J*
Nickel		53.6	11.8	32.3	12.9	15.5	6.8	15.0
Selenium		2.6	0.32 J*	ND	0.64 J*	0.82	0.98	0.70
Silver		1.8 J*	ND	ND	ND	ND	ND	ND
Acid Volatile Sulfide		ND	297	ND	345	ND	ND	1350
Tin		ND	ND	ND	ND	ND	ND	ND
Vanadium		46.5	4.9 J*	11.8 E	8.4	10.5	13.0	7.4
Zinc		407 E	63.7 E	89.8 E	97.3 E	50.1 E	34.3 E	68.8 E

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Notes:

1. Samples were collected by Geraghty & Miller, Inc. and Blasland, Bouck & Lee, Inc. and submitted to CompuChem Laboratories, or MTI for analysis of Appendix IX metals.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound analyzed for but not detected.
5. S - Indicates sample matrix duplicate was outside control limits.
6. A - Results reported from single-point method-of-standard addition calculation.
7. J* - Indicates the reported value is less than the CLP-required detection limit (CRDL), but greater than the instrument detection limit (IDL).
8. E - Indicates the reported value is estimated because of the presence of interference.
9. N - Indicates sample matrix spike analysis was outside control limits.
10. Q - Indicates severe physical or chemical interference in the sample matrix.
11. W - Indicates slight matrix-related interference for the analyte.

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10**	NS-11
	Sample Depth (Feet):	18-20	18-20	2-4	4-6	12-14	12-14	14-16	10-12	10-12	8-10
	Sample Collection Date:	05/23/91	11/12/91	05/22/91	11/12/91	05/21/91	10/25/91	10/25/91	11/15/91	11/15/91	12/10/91
Phenols		ND	0.31	0.19	0.35	0.42	ND	0.3/0.34	1.0	0.29	1.2
Cyanide		ND	ND	0.63	ND	ND	ND	ND	ND	ND	0.99
Sulfide		ND	ND	13.0	ND	ND	ND	15.4	38.9	ND	ND
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	ND	NA	ND	NA	NA	NA	0.12	ND	NA

Analyte	Boring ID.:	NS-12	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	14-16	14-16	12-14	0-2	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/22/91	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Phenols		1.3	2.0	0.13	0.67	0.2	0.43	0.32	ND	ND	ND
Cyanide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide		ND	ND	ND	23.2	ND	ND	ND	ND	ND	ND
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(See Notes on Page 3)

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24	RB-8-3
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2	0-0.5
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95	06/12/95	06/15/95	06/15/95	06/13/95	06/21/95
Phenols		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	5.8	<4.0	<4.0	<4.0
Sulfide		<200	<200	<200	<200	<200	<200	<200	<200	<200	<10
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Analyte	Boring ID.:	RB-8-3	RB-8-6	RB-8-6	RB-8-9	RB-8-9	NS-35	NS-34	NS-36	NS-37	J9-23-7-4
	Sample Depth (Feet):	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	6-8	8-10	10-12	10-12	2-4
	Sample Collection Date:	7/95	7/95	7/95	7/95	7/95	11/12/96	11/13/96	11/14/96	11/15/96	11/20/96
Phenols		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Sulfide		NA	NA	NA	NA	NA	297	ND	ND	345	ND
TOC		8.1	15	10	30	14	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(See Notes on Page 3)

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	1-2	1-2
	Sample Collection Date:	11/20/96	11/20/96
Phenols		NA	NA
Cyanide		ND	ND
Sulfide		ND	1350
TOC		NA	NA
Organophosporus Pesticides			
Sulfotepp		NA	NA

Notes:

1. 1991 samples were collected by Geraghty & Miller, Inc., and submitted to CompuChem Laboratories for analysis of Appendix IX phenols and organophosphorus pesticides, as well as cyanide and sulfide. 1995 and 1996 samples were collected by Blasland, Bouck & Lee, Inc. and submitted to GTEL Environmental Laboratories, Inc. and/or Quanterra Environmental Services for cyanide, sulfide and total organic carbon analyses.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. NA - Not analyzed.
6. 0.3/0.34 - Indicates laboratory duplicate analyses.

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	GE-9	GE-10	GE-11	NS-9	NS-9
	Sample Depth (Feet):	8-10	10-12	10-12	12-14	14-16
	Sample Collection Date:	12/12/91	12/11/91	12/12/91	10/25/91	10/25/91
TCDD		ND	ND	ND	ND	ND
PeCDD		ND	ND	ND	ND	ND
HxCDD		ND	ND	ND	ND	ND
HpCDD		ND	ND	ND	ND	ND
OCDD		ND	ND	0.000065	ND	0.000061
2,3,7,8 TCDF		ND	ND	0.00013	ND	0.00007
TCDF		ND	ND	0.00072	ND	0.00035
PeCDF		ND	ND	0.00078	ND	0.00044
HxCDF		ND	0.000033	0.00078	ND	0.0004
HpCDF		ND	ND	0.00033	ND	M(0.000089)
OCDF		ND	ND	0.00019	ND	0.00011

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-10	NS-10**	NS-11	NS-2A	NS-6
	Sample Depth (Feet):	10-12	10-12	8-10	18-20	4-6
	Sample Collection Date:	11/15/91	11/15/91	12/10/91	11/12/91	11/12/91
TCDD		ND,ND	ND,ND	ND,ND,ND	ND	ND, M(0.00024)
PeCDD		ND,ND	ND,ND	ND,ND,ND	ND	0.0011, M(0.0011)
HxCDD		ND,ND	ND,ND	0.00069,M(0.001), 0.0013	M(0.00011)	0.0025, 0.0028
HpCDD		0.00013, ND	ND,ND	0.0011, M(0.003), 0.002	M(0.000067)	0.0022, 0.0027
OCDD		0.00023 0.000078	0.00037, ND	0.0028, 0.0070, 0.0057	0.00011	0.0016, 0.0019
2,3,7,8 TCDF		ND,ND	ND,ND	0.0019, 0.0047, 0.0029	0.0002	0.0061, 0.0089
TCDF		ND,ND	ND,ND	0.019, 0.0217, 0.0145	0.00098	0.0208,0.0366
PeCDF		M(0.00016),0.000083	M(0.00016), ND	0.0074,0.0257, 0.0116	0.0018	0.0327, 0.0484
HxCDF		0.0011, 0.00044	0.0016. 0.0014	0.0098, 0.0207, 0.0183	0.0016	0.0376, 0.0464
HpCDF		0.0029, 0.00096	0.0045, 0.0038	0.0058,0.0121, 0.011	0.00054	0.0165, 0.0205
OCDF		0.0009, 0.00032	0.0015, M(0.0012)	0.0027, 0.0091, 0.0064	0.00033	0.0101, 0.0123

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-5	NS-7	NS-8	NS-12	NS-13
	Sample Depth (Feet):	18-20	2-4	14-16	12-14	14-16	14-16
	Sample Collection Date:	05/23/91	05/22/91	05/24/91	05/21/91	05/22/91	05/21/91
TCDD		ND	ND	ND	ND	ND	ND
PeCDD		ND	ND	0.000076	ND	M(0.00023)	0.001
HxCDD		ND	ND	0.00016	ND	0.0015	0.0053
HpCDD		ND	0.00040	0.00028	ND	0.0028	0.0067
OCDD		0.00024	0.00059	0.00024	M(0.0003)	0.0177	0.0239
2,3,7,8 TCDF		0.00016	0.00037	0.0012	0.001	0.00013	0.0012
TCDF		0.00084	0.00070	0.0053	0.0056	0.001	0.0091
PeCDF		0.0021	0.0018	0.004	0.0136	0.0046	0.0383
HxCDF		0.0032	0.0042	0.0035	0.024	0.0099	0.139
HpCDF		0.0011	0.0019	0.0017	0.0082	0.0059	0.0974
OCDF		0.00039	0.00081	0.0011	0.0034	0.0026	0.0892

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-14	RB-6	RB-6	RB-7	RB-7
	Sample Depth (Feet):	12-14	0-2	2-4	0-2	2-4
	Sample Collection Date:	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91
TCDD		ND	ND	ND	0.00034	0.000083
PeCDD		ND	ND	ND	M(0.00089)	ND
HxCDD		0.00044	ND	ND	0.0035	0.00096
HpCDD		0.001	ND	ND	0.0028	0.00077
OCDD		0.0043	0.00047	ND	0.0016	0.00058
2,3,7,8 TCDF		0.000060	0.0001	ND	0.0217	0.0014
TCDF		0.00037	0.00066	ND	0.134	0.0085
PeCDF		0.00057	0.00049	ND	0.19	0.0154
HxCDF		0.0022	0.0007	ND	0.188	0.0126
HpCDF		0.002	0.00052	ND	0.0599	0.0042
OCDF		0.00075	0.00031	ND	0.0192	0.0017

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95
2,3,7,8-TCDD		ND	0.000062	ND, [ND]	ND	ND
Total TCDD		ND	0.0017	ND [ND]	ND	ND
1,2,3,7,8-PeCDD		ND	0.000094	ND [ND]	ND	ND
Total PeCDD		ND	0.0014	ND [ND]	ND	ND
1,2,3,4,7,8-HxCDD		ND	0.00051	ND [ND]	ND	ND
1,2,3,6,7,8-HxCDD		ND	0.00033	ND [ND]	ND	ND
1,2,3,7,8,9-HxCDD		ND	0.00035	ND [ND]	ND	ND
Total HxCDD		0.000024	0.0067	0.000094 [0.000015]	ND	ND
1,2,3,4,6,7,8-HpCDD		0.000024	0.0070	0.000079 [0.000066]	0.000027	0.000011
Total HpCDD		0.000047	0.014	0.00015 [0.00012]	0.000051	0.000019
OCDD		0.000054	0.11	0.00034 [0.0010]	0.00012	0.000064
2,3,7,8-TCDF		0.00012	0.00049	0.00022 [0.00019]	0.000091	ND
Total TCDF		0.00083	0.15	0.0028 [0.0022]	0.00085	0.000052
1,2,3,7,8-PeCDF		0.00026	0.00098	0.00018 [0.00018]	0.000069	ND
1,3,4,7,8-PeCDF		0.00028	0.00052	0.00028 [0.00026]	0.00020	0.000051
Total PeCDF		0.0018	0.24	0.0077 [0.0049]	0.0017	0.00024

(See Notes on Page 11)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	4-6	4-6	6-8	0-2
	Sample Collection Date:	06/12/95	06/05/95	06/15/95	06/13/95
2,3,7,8-TCDD		ND	ND	ND	ND
Total TCDD		ND	ND	ND	0.00016
1,2,3,7,8-PeCDD		ND	ND	ND	ND
Total PeCDD		ND	ND	ND	ND
1,2,3,4,7,8-HxCDD		ND	ND	ND	0.000024
1,2,3,6,7,8-HxCDD		ND	ND	ND	0.000051
1,2,3,7,8,9-HxCDD		ND	ND	ND	0.000017
Total HxCDD		ND	ND	ND	0.00038
1,2,3,4,6,7,8-HpCDD		ND	0.000018	ND	0.00032
Total HpCDD		ND	0.000036	ND	0.00075
OCDD		ND	0.00010	ND	0.00043
2,3,7,8-TCDF		ND	0.000043	ND	0.0036
Total TCDF		ND	0.00040	ND	0.018
1,2,3,7,8-PeCDF		ND	0.000040	ND	0.0027
1,3,4,7,8-PeCDF		ND	0.000087	ND	0.0035
Total PeCDF		ND	0.0024	ND	0.020

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95
1,2,3,4,7,8-HxCDF		0.00034	0.0091	0.00057 [0.00050]	0.00056	0.00020
1,2,3,6,7,8-HxCDF		0.00018	0.0015	0.0019 [0.00097]	0.00034	0.000076
2,3,4,6,7,8-HxCDF		0.000033	0.0019	0.00027 [0.00019]	0.00014	0.000042
1,2,3,7,8,9-HxCDF		0.0000078	0.0038	0.000069, [0.000027]	0.000037	0.000058
Total HxCDF		0.00072	0.21	0.0073 [0.0046]	0.0024	0.00059
1,2,3,4,6,7,8-HpCDF		0.00026	0.016	0.00090 [0.00070]	0.00043	0.000068
1,2,3,4,7,8,9-HpCDF		0.000040	0.0066	0.00015 [0.00015]	0.00017	0.000057
Total HpCDF		0.00035	0.089	0.0019 [0.0015]	0.00093	0.00019
OCDF		0.00014	0.012	0.00063 [0.00084]	0.00046	0.000048

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	4-6	4-6	6-8	0-2
	Sample Collection Date:	06/12/95	06/05/95	06/15/95	06/13/95
1,2,3,4,7,8-HxCDF		ND	0.00042	ND	0.0064
1,2,3,6,7,8-HxCDF		ND	0.000036	ND	0.0021
2,3,4,6,7,8-HxCDF		ND	0.000087	ND	0.00060
1,2,3,7,8,9-HxCDF		ND	ND	ND	0.00012
Total HxCDF		ND	0.0024	ND	0.015
1,2,3,4,6,7,8-HpCDF		ND	0.00014	ND	0.0035
1,2,3,4,7,8,9-HpCDF		ND	0.000016	ND	0.00084
Total HpCDF		ND	0.00061	ND	0.0054
OCDF		ND	0.000066	ND	0.0026

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-35	NS-34	NS-36	NS-37
	Sample Depth (Feet):	6-8	8-10	10-12	10-12
	Sample Collection Date:	11/12/96	11/13/96	11/14/96	11/15/96
1,2,3,4,6,7,8-HpCDD		0.0000078 J**	0.000026	ND	0.0000071 J**
1,2,3,4,6,7,8-HpCDF		0.000061	0.00029	0.0000066 J**	0.000066
1,2,3,4,7,8,9-HpCDF		0.000013	0.00015	ND	0.000016
1,2,3,4,7,8-HxCDF		0.000070	0.00053	0.0000075 J**	0.000098
1,2,3,6,7,8-HxCDF		0.000033	0.00020	ND	0.000047
1,2,3,7,8,9-HxCDD		ND	0.0000070 J**	ND	ND
1,2,3,7,8,9-HxCDF		ND	0.000018	ND	ND
1,2,3,7,8-PeCDF		0.000023	0.000096	ND	0.000047
2,3,4,6,7,8-HxCDF		0.0000091 J**	0.00013 w	ND	0.000015
2,3,4,7,8-PeCDF		0.000024	0.00014	ND	0.000047
2,3,7,8-TCDF		0.000037 g	0.00016 g	0.0000047 g	0.000076 g
HpCDDs (total)		0.000015	0.000052	ND	0.000014
HpCDFs (total)		0.00011	0.00063	0.0000066	0.00010
HxCDDs (total)		ND	0.000052	ND	ND
HxCDFs (total)		0.00022	0.0015	0.000027	0.00025
OCDD		0.000030	0.000058	ND	0.000013 J**
OCDF		0.000044	0.00023	ND	0.000038
PeCDFs (total)		0.00031	0.0013	0.000019	0.00045
TCDDs (total)		0.0000029	0.000014	ND	0.0000050
TCDFs (total)		0.00029	0.0012	0.000025	0.00055

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	J9-23-7-4	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	2-4	1-2	1-2
	Sample Collection Date:	11/20/96	11/20/96	11/20/96
1,2,3,4,6,7,8-HpCDD		ND	0.0000081 J**	ND
1,2,3,4,6,7,8-HpCDF		ND	0.0000088 J**	0.0000094 J**
1,2,3,4,7,8,9-HpCDF		ND	ND	ND
1,2,3,4,7,8-HxCDF		ND	0.0000066 J**	ND
1,2,3,6,7,8-HxCDF		ND	ND	ND
1,2,3,7,8,9-HxCDD		ND	ND	ND
1,2,3,7,8,9-HxCDF		ND	ND	ND
1,2,3,7,8-PeCDF		ND	ND	ND
2,3,4,6,7,8-HxCDF		ND	ND	ND
2,3,4,7,8-PeCDF		ND	ND	ND
2,3,7,8-TCDF		0.0000054 g	0.0000074 g	0.0000078 g
HpCDDs (total)		ND	0.000021	ND
HpCDFs (total)		ND	0.000022	0.000019
HxCDDs (total)		ND	ND	ND
HxCDFs (total)		ND	0.000055	0.000071
OCDD		0.000012 J**	0.000046	0.000013 J**
OCDF		ND	ND	ND
PeCDFs (total)		0.0000089	0.000047	0.000085
TCDDs (total)		ND	ND	ND
TCDFs (total)		0.000042	0.000067	0.000074

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Note:

1. 1991 samples were collected by Geraghty & Miller, Inc., and submitted to CompuChem Laboratories for analysis of Appendix IX polychlorinated dibenzo-p-dioxi polychlorinated dibenzofurans (PCDFs). 1995 and 1996 samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Atla Analytical Laboratory, Inc. Quanterra Environmental Services for analysis of PCDDs and PCDFs.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. M(0.00024) - Analyte presence was noted, but not at a level that the laboratory could provide a definitive identification or quantity. The number in parentheses is the detection limit.
6. Multiple results for a particular sample (1991 samples) indicates multiple extractions and analyses were performed for quality control reasons.
7. Duplicate results are shown in brackets.
8. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
9. W - Estimated maximum possible concentration.
10. J** - Indicates an estimated value below the lower calibration limit, but above the target detection limit.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
ate Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
CETONE	20	3200 U	UG/KG
CETONITRILE	100	16000 U	UG/KG
ACROLEIN	100	16000 U	UG/KG
CRYLONITRILE	100	16000 U	UG/KG
LLYL CHLORIDE	5.0	790 U	UG/KG
BENZENE	5.0	790 U	UG/KG
PROMODICHLOROMETHANE	5.0	790 U	UG/KG
ROMOFORM	5.0	790 U	UG/KG
BROMOMETHANE	5.0	790 U	UG/KG
2-CHLORO-1,3-BUTADIENE	5.0	790 U	UG/KG
-BUTANONE (MEK)	10	1600 U	UG/KG
RANS-1,4-DICHLORO-2-BUTENE	5.0	790 U	UG/KG
CARBON DISULFIDE	10	1600 U	UG/KG
CARBON TETRACHLORIDE	5.0	790 U	UG/KG
HLOROBENZENE	5.0	790 U	UG/KG
CHLOROETHANE	5.0	790 U	UG/KG
2-CHLOROETHYLVINYL ETHER	10	1600 U	UG/KG
HLOROFORM	5.0	790 U	UG/KG
CHLOROMETHANE	5.0	790 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	790 U	UG/KG
IBROMOCHLOROMETHANE	5.0	790 U	UG/KG
,2-DIBROMOETHANE	5.0	790 U	UG/KG
DIBROMOMETHANE	5.0	790 U	UG/KG
ICHLORODIFLUOROMETHANE	5.0	790 U	UG/KG
,1-DICHLOROETHANE	5.0	790 U	UG/KG
1,2-DICHLOROETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHENE	5.0	790 U	UG/KG
RANS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
ICHLOROMETHANE	5.0	790 U	UG/KG
1,2-DICHLOROPROPANE	5.0	790 U	UG/KG
IS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
RANS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
1,4-DIOXANE	1000	160000 U	UG/KG
THYL METHACRYLATE	10	1600 U	UG/KG
THYLBENZENE	5.0	790 U	UG/KG
-HEXANONE	10	1600 U	UG/KG
IODOMETHANE	10	1600 U	UG/KG
SOBUTYL ALCOHOL	200	32000 U	UG/KG
ETHACRYLONITRILE	100	16000 U	UG/KG
METHYL METHACRYLATE	10	1600 U	UG/KG
-METHYL-2-PENTANONE(MIBK)	10	1600 U	UG/KG
ROPIONITRILE	100	16000 U	UG/KG
STYRENE	5.0	790 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	790 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
,1,1,2-TETRACHLOROETHANE	5.0	790 U	UG/KG
ETRACHLOROETHENE	5.0	790 U	UG/KG
TOLUENE	5.0	790 U	UG/KG
,1,1-TRICHLOROETHANE	5.0	790 U	UG/KG
,1,2-TRICHLOROETHANE	5.0	790 U	UG/KG
TRICHLOROETHENE	5.0	790 U	UG/KG
TRICHLOROFLUOROMETHANE	5.0	790 U	UG/KG
,2,3-TRICHLOROPROPANE	5.0	790 U	UG/KG
VINYL ACETATE	10	1600 U	UG/KG
VINYL CHLORIDE	5.0	790 U	UG/KG
+P-XYLENE	5.0	790 U	UG/KG
-XYLENE	5.0	790 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-d8	(81 - 117 %)	96	%
IBROMOFLUOROMETHANE	(80 - 120 %)	94	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/16/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
P-(DIMETHYLAMINO)AZOBENZENE	670	850 U	UG/KG
ACENAPHTHENE	330	420 U	UG/KG
ACENAPHTHYLENE	330	420 U	UG/KG
ACETOPHENONE	670	850 U	UG/KG
2-ACETYLAMINOFLUORENE	670	850 U	UG/KG
4-AMINOBIPHENYL	670	850 U	UG/KG
ANILINE	330	420 U	UG/KG
ANTHRACENE	330	420 U	UG/KG
ARAMITE	670	850 U	UG/KG
BENZIDINE	330	420 U	UG/KG
BENZO(A)ANTHRACENE	330	420 U	UG/KG
BENZO(A)PYRENE	330	420 U	UG/KG
BENZO(B)FLUORANTHENE	330	420 U	UG/KG
BENZO(G,H,I)PERYLENE	330	420 U	UG/KG
BENZO(K)FLUORANTHENE	330	420 U	UG/KG
BENZYL ALCOHOL	1300	1700 U	UG/KG
BUTYL BENZYL PHTHALATE	330	420 U	UG/KG
DI-N-BUTYL PHTHALATE	330	420 U	UG/KG
N-NITROSO-DI-N-BUTYLAMINE	670	850 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	420 U	UG/KG
P-CHLOROANILINE	330	420 U	UG/KG
CHLOROBENZILATE	670	850 U	UG/KG
BIS(2-CHLOROETHOXY)METHANE	330	420 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	420 U	UG/KG
2-CHLORONAPHTHALENE	330	420 U	UG/KG
2-CHLOROPHENOL	670	850 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	420 U	UG/KG
CHRYSENE	330	420 U	UG/KG
3+4-METHYLPHENOL (M+P-CRESOL)	670	850 U	UG/KG
DIALLATE	670	850 U	UG/KG
DIBENZ(A,H)ANTHRACENE	330	420 U	UG/KG
DIBENZOFURAN	670	850 U	UG/KG
1,3-DICHLOROBENZENE	330	420 U	UG/KG
1,2-DICHLOROBENZENE	330	420 U	UG/KG
1,4-DICHLOROBENZENE	330	420 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	420 U	UG/KG
2,4-DICHLOROPHENOL	670	850 U	UG/KG
2,6-DICHLOROPHENOL	670	850 U	UG/KG
DIETHYL PHTHALATE	330	420 U	UG/KG
DIMETHOATE	670	850 U	UG/KG
DIMETHYL PHTHALATE	330	420 U	UG/KG
7,12-DIMETHYLBENZ(A)ANTHRACENE	670	850 U	UG/KG
3,3'-DIMETHYLBENZIDINE	330	420 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/16/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
A,A-DIMETHYLPHENETHYLAMINE	670	850 U	UG/KG
2,4-DIMETHYLPHENOL	670	850 U	UG/KG
1,3-DINITROBENZENE	670	850 U	UG/KG
2,4-DINITROPHENOL	3300	4200 U	UG/KG
2,4-DINITROTOLUENE	330	420 U	UG/KG
2,6-DINITROTOLUENE	330	420 U	UG/KG
DIPHENYLAMINE	670	850 U	UG/KG
1,2-DIPHENYLHYDRAZINE	330	420 U	UG/KG
N-NITROSO-N-DIPROPYLAMINE	330	420 U	UG/KG
DISULFOTON	670	850 U	UG/KG
ETHYL METHANESULFONATE	670	850 U	UG/KG
ETHYL PARATHION	670	850 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	420 U	UG/KG
FLUORANTHENE	330	420 U	UG/KG
FLUORENE	330	420 U	UG/KG
HEXACHLOROBENZENE	330	420 U	UG/KG
HEXACHLOROBUTADIENE	330	420 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	420 U	UG/KG
HEXACHLOROETHANE	330	420 U	UG/KG
HEXACHLOROPHENE	670	850 U	UG/KG
HEXACHLOROPROPENE	670	850 U	UG/KG
ISODRIN	670	850 U	UG/KG
ISOPHORONE	330	420 U	UG/KG
ISOSAFROLE	670	850 U	UG/KG
METHAPYRILENE	670	850 U	UG/KG
METHYL METHANESULFONATE	670	850 U	UG/KG
METHYL PARATION	670	850 U	UG/KG
3-METHYLCHOLANTHRENE	670	850 U	UG/KG
2-METHYLNAPHTHALENE	660	840 U	UG/KG
4,6-DINITRO-2-METHYLPHENOL	3300	4200 U	UG/KG
4-CHLORO-3-METHYLPHENOL	670	850 U	UG/KG
2-METHYLPHENOL	330	420 U	UG/KG
NAPHTHALENE	330	420 U	UG/KG
1,4-NAPHTHOQUINONE	670	850 U	UG/KG
1-NAPHTHYLAMINE	670	850 U	UG/KG
2-NAPHTHYLAMINE	670	850 U	UG/KG
2-NITROANILINE	1300	1700 U	UG/KG
3-NITROANILINE	1300	1700 U	UG/KG
4-NITROANILINE	3300	4200 U	UG/KG
NITROBENZENE	330	420 U	UG/KG
2-NITROPHENOL	670	850 U	UG/KG
4-NITROPHENOL	3300	4200 U	UG/KG
N-NITROSODIETHYLAMINE	330	420 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/16/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
N-NITROSODIMETHALAMINE	330	420 U	UG/KG
N-NITROSODIPHENYLAMINE	330	420 U	UG/KG
N-NITROSOMETHYLETHYLAMINE	670	850 U	UG/KG
N-NITROSOMORPHOLINE	670	850 U	UG/KG
N-NITROSOPIPERIDINE	670	850 U	UG/KG
N-NITROSOPYROLIDINE	670	850 U	UG/KG
DI-N-OCTYL PHTHALATE	330	420 U	UG/KG
4-NITROQUINOLINE-1-OXIDE	670	850 U	UG/KG
PENTACHLOROBENZENE	670	850 U	UG/KG
PENTACHLOROETHANE	670	850 U	UG/KG
PENTACHLORONITROBENZENE	670	850 U	UG/KG
PENTACHLOROPHENOL	3300	4200 U	UG/KG
PHENACETIN	670	850 U	UG/KG
PHENANTHRENE	330	420 U	UG/KG
PHENOL	670	850 U	UG/KG
P-PHENYLENEDIAMINE	670	850 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	420 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	420 U	UG/KG
PHORATE	670	850 U	UG/KG
2-PICOLINE	670	850 U	UG/KG
PRONAMIDE	670	850 U	UG/KG
PYRENE	330	420 U	UG/KG
PYRIDINE	670	850 U	UG/KG
SAFROLE	670	850 U	UG/KG
SULFOTEPP	670	850 U	UG/KG
1,2,4,5-TETRACHLOROBENZENE	670	850 U	UG/KG
2,3,4,6-TETRACHLOROPHENOL	670	850 U	UG/KG
THIONAZIN	670	850 U	UG/KG
5-NITRO-O-TOLUIDINE	670	850 U	UG/KG
O-TOLUIDINE	670	850 U	UG/KG
1,2,4-TRICHLOROBENZENE	330	420 U	UG/KG
2,4,6-TRICHLOROPHENOL	670	850 U	UG/KG
2,4,5-TRICHLOROPHENOL	670	850 U	UG/KG
O,O,O-TRIETHYL PHOSPHOROTHIOATE	670	850 U	UG/KG
1,3,5-TRINITROBENZENE	670	850 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(18 - 137 %)	61	%
NITROBENZENE-d5	(23 - 120 %)	65	%
PHENOL-d6	(24 - 113 %)	61	%
2-FLUOROBIPHENYL	(30 - 115 %)	75	%
2-FLUOROPHENOL	(25 - 121 %)	58	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED	: 04/16/98			
ANALYTICAL DILUTION:	1.0			Dry Weight
2,4,6-TRIBROMOPHENOL	(19 - 122 %)		81	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8081A PART 360 EXPANDED
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ALDRIN	1.7	2.2 U	UG/KG
ALPHA-BHC	1.7	2.2 U	UG/KG
BETA-BHC	1.7	2.2 U	UG/KG
GAMMA-BHC	1.7	2.2 U	UG/KG
DELTA-BHC	1.7	2.2 U	UG/KG
ALPHA-CHLORDANE	1.7	2.2 U	UG/KG
GAMMA-CHLORDANE	1.7	2.2 U	UG/KG
4,4'-DDE	1.7	2.2 U	UG/KG
4,4'-DDT	3.3	4.2 U	UG/KG
DIELDRIN	1.7	2.2 U	UG/KG
ALPHA-ENDOSULFAN	1.7	2.2 U	UG/KG
BETA-ENDOSULFAN	3.3	4.2 U	UG/KG
ENDOSULFAN SULFATE	3.3	4.2 U	UG/KG
ENDRIN	1.7	2.2 U	UG/KG
ENDRIN ALDEHYDE	3.3	4.2 U	UG/KG
FAMPHUR	1.7	2.2 U	UG/KG
HEPTACHLOR	1.7	2.2 U	UG/KG
HEPTACHLOR EPOXIDE	1.7	2.2 U	UG/KG
KEPONE	1.7	2.2 U	UG/KG
METHOXYCHLOR	6.6	8.4 U	UG/KG
4,4'-TDE (DDD)	1.7	2.2 U	UG/KG
TOXAPHENE	33	42 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	96	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	95	%

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COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8150B PART 360 EXPANDED
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 100.0			Dry Weight
2,4-D	1.0	130 U	UG/KG
DINOSEB	1.0	130 U	UG/KG
2,4,5-T	1.0	130 U	UG/KG
2,4,5-TP (SILVEX)	1.0	130 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
2,4-DB	(24 - 107 %)	81	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/06/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266

ANALYTE	PQL	RESULT		DRY WT. UNITS	DATE ANALYZED	ANALYTICAL DILUTION
ANTIMONY	6.00	7.62	U	MG/KG	04/16/98	1.0
ARSENIC	1.00	8.35		MG/KG	04/16/98	1.0
BARIUM	2.00	33.0		MG/KG	04/16/98	1.0
BERYLLIUM	0.500	2.64		MG/KG	04/16/98	1.0
CADMIUM	0.500	1.36		MG/KG	04/16/98	1.0
CHROMIUM	1.00	10.4		MG/KG	04/16/98	1.0
COBALT	5.00	8.61		MG/KG	04/16/98	1.0
COPPER	2.00	9.58		MG/KG	04/16/98	1.0
LEAD	5.00	7.40		MG/KG	04/16/98	1.0
MERCURY	0.150	0.191	U	MG/KG	04/17/98	1.0
NICKEL	4.00	14.4		MG/KG	04/16/98	1.0
SELENIUM	0.500	0.635	U	MG/KG	04/20/98	1.0
SILVER	1.00	1.27	U	MG/KG	04/16/98	1.0
THALLIUM	1.00	6.12		MG/KG	04/16/98	1.0
TIN	1.00	12.7	U	MG/KG	04/20/98	10.0
VANADIUM	5.00	9.22		MG/KG	04/16/98	1.0
ZINC	1.00	59.2		MG/KG	04/16/98	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/06/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266

ANALYTE	PQL	RESULT		DRY WT. UNITS	DATE ANALYZED	ANALYTICAL DILUTION
PERCENT SOLIDS	1.0	78.7		%	04/15/98	1.0
TOTAL CYANIDE	1.00	1.27	U	MG/KG	04/17/98	1.0
TOTAL SULFIDE	20.0	25.4	U	MG/KG	04/20/98	1.0

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 4 APPIX+3 SOIL DATA
(ppm, dry weight)

Appendix IX+3 Constituents	T056-SL0517 0-0.5 9/15/98	T057-SL0136 1-1.5 8/14/98	T058-SL0521 1-1.5 9/15/98	T059-SL0135 0-0.5 8/14/98	T060-SL0525 0-0.5 9/15/98	T061-SL0140 0-0.5 8/14/98	T062-SL0527 2-2.5 9/16/98	T063-SL0142 0-0.5 8/14/98
Semivolatile Organics								
1,2,4-Trichlorobenzene	0.22 J	ND(0.55)	0.22 J	0.032 J	0.1 J	0.078 J	0.075 J	0.055 J [ND(0.38)]
1,2-Dichlorobenzene	0.15 J	ND(0.55)	0.15 J	ND(0.34)	0.08 J	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
1,3-Dichlorobenzene	0.23 J	ND(0.55)	0.22 J	ND(0.34)	0.12 J	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
1,4-Dichlorobenzene	0.21 J	ND(0.55)	0.16 J	ND(0.34)	ND(0.37)	0.057 J	ND(0.35)	0.056 J [ND(0.38)]
2-Methylnaphthalene	0.12 J	ND(0.55)	0.056 J	0.039 J	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Acenaphthene	0.053 J	ND(0.55)	0.076 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Acenaphthylene	0.047 J	ND(0.55)	0.12 J	0.067 J	ND(0.37)	ND(0.36)	0.052 J	ND(0.78) [0.040 J]
Anthracene	0.073 J	ND(0.55)	0.24 J	0.043 J	0.038 J	0.04 J	ND(0.35)	0.038 J [0.069 J]
Benzo(a)anthracene	0.53	0.11 J	1.4	0.31 J	0.2 J	0.2 J	0.19 J	0.22 J [0.24 J]
Benzo(a)pyrene	0.57	0.13 J	1.5	0.4	0.2 J	0.22 J	0.29 J	0.23 J [0.27 J]
Benzo(b)fluoranthene	0.4 J	0.093 J	1.5	0.37	0.22 J	0.21 J	0.22 J	0.2 J [0.26 J]
Benzo(g,h,i)perylene	0.44 J	0.089 J	0.9	0.3 J	0.17 J	0.18 J	0.3 J	0.2 J [0.11 J]
Benzo(k)fluoranthene	0.42 J	0.1 J	1.2	0.4	0.18 J	0.19 J	0.21 J	0.23 J [0.21 J]
bis(2-Ethylhexyl)phthalate	0.092 J	ND(0.55)	0.062 J	0.034 J	0.05 J	0.06 J	0.055 J	0.38 J [0.19 J]
Butylbenzylphthalate	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	0.038 J	ND(0.35)	0.062 J [ND(0.38)]
Chrysene	0.52	0.13 J	1.8	0.49	0.26 J	0.24 J	0.26 J	0.25 J [0.29 J]
Di-n-Butylphthalate	0.064 J	ND(0.55)	0.07 J	ND(0.34)	0.11 J	ND(0.36)	ND(0.35)	0.092 J [0.047 J]
Dibenzo(a,h)anthracene	0.15 J	ND(0.55)	0.31 J	0.086 J	0.06 J	0.058 J	0.083 J	0.07 J [0.036 J]
Dibenzofuran	ND(0.51)	ND(0.55)	0.089 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Diethylphthalate	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	0.072 J [ND(0.38)]
Fluoranthene	0.91	0.26 J	5.1	0.8	0.55	0.48	0.38 J	0.46 J [0.45]
Fluorene	0.046 J	ND(0.55)	0.2 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [0.032 J]
Indeno(1,2,3-cd)pyrene	0.39 J	0.083 J	0.95	0.28 J	0.18 J	0.17 J	0.23 J	0.19 J [0.12 J]
Isophorone	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	0.14 J	ND(0.78) [ND(0.38)]
Naphthalene	0.42 J	ND(0.55)	0.16 J	0.079 J	0.037 J	0.044 J	0.065 J	0.053 J [ND(0.38)]
Pentachloroethane	0.14 J	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(1.8)]
Phenanthrene	0.43 J	0.14 J	2.9	0.5	0.3 J	0.31 J	0.25 J	0.27 J [0.32 J]
Pyrene	0.76	0.23 J	2.9	0.97	0.43	0.45	0.42	0.52 J [0.45]
Organochlorine Pesticides								
4,4'-DDE	ND(0.26)	ND(0.28)	0.78	1.1	0.42	ND(7.4)	ND(0.36)	ND(2)
4,4'-DDT	ND(0.26)	ND(0.28)	R	ND(0.7)	ND(0.37)	ND(7.4)	R	ND(2)
Dieldrin	ND(0.26)	ND(0.28)	ND(0.37)	R	ND(0.37)	ND(7.4)	R	ND(2)
Kepone	R	R	R	R	R	R	R	R
Dioxins								
WHO TEF	4.00E-05	3.80E-05	1.30E-04	6.00E-05	3.00E-05	4.60E-05	9.70E-05	3.70E-05
Inorganics								
Antimony	ND(0.5)	1.4	0.48	0.7	ND(0.4)	0.95	ND(0.9)	0.84 [0.540 J]
Arsenic	2.7	3.5	4	3.7	4.9	2.2	2.7	2.5 [3.20]
Barium	35.6	48.9 J	47	40.6 J	50.4	25.1 J	46.2	31.5 [35.5]
Beryllium	0.24	0.28 J	0.34	0.19 J	0.22	0.17	0.17	0.18 [0.290 B]
Cadmium	ND(0.05)	ND(0.05)	ND(0.04)	ND(0.03)	ND(0.04)	ND(0.04)	0.55	ND(0.04) [ND(0.570)]
Chromium	24	20.8 J	31	10.1 J	11.8	10.5 J	17.5	12.4 J [13.8 J]
Cobalt	6.9	8.4	7.8	7.2	9.9	5.7	6.6	6.4 [7.80]
Copper	29.5	62.2	47.9	29.4	28.9	26.7	23.5	25.2 [27.9 J]
Lead	38.7	65.9 J	82.2	51.8 J	34.4	40.5 J	45	34.5 J [40.6]
Mercury	0.25	0.32	0.61	0.16	0.11	0.07	0.25	0.09 [0.0850 B]
Nickel	12	15.4 J	15.3	13.8 J	17.5	10.2 J	12.1	11.1 J [13.2]
Selenium	ND(0.51)	0.52 J	ND(0.38)	ND(0.3)	ND(0.41)	ND(0.37)	0.97 J	ND(0.37) [0.390 B]
Silver	ND(0.2)	0.68 J	1.1	ND(0.12)	ND(0.16)	0.18 J	ND(0.21)	0.2 J [0.330 B]
Thallium	ND(0.85)	0.83 J	0.99	0.88	ND(0.68)	0.75	ND(0.59)	1.1 [0.530 B]
Tin	3.7	5.1	4.1	3	1.6	3	6.7 J	2.6 [ND(11.5)]
Vanadium	10.9	15.8	13.6	14.1	14.4	9.7	10.7	11.9 [12.2]
Zinc	85.6	124	105	90.5	78.6	75.5	71.3 J	73.2 [79.9]

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 5 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T049-SL0124 0-0.5 8/13/98	T050-SL0490 0-0.5 9/11/98	T051-SL0127 1-1.5 8/13/98	T052-SL0512 0-0.5 9/14/98	T053-SL0115 1-1.5 8/13/98	T054-SL0516 1-1.5 9/15/98	T055-SL0131 0-0.5 8/14/98
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	0.41 J (0.31 J)	0.06 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,2,4-Trichlorobenzene	6.6 (0.97 J)	0.41	0.052 J	0.029 J	ND(0.4)	0.12 J	0.09 J
1,2-Dichlorobenzene	0.1 J (ND(4.4))	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,3-Dichlorobenzene	0.073 J (ND(4.4))	ND(0.36)	0.056 J	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,4-Dichlorobenzene	0.21 J (ND(4.4))	0.22 J	0.24 J	0.044 J	ND(0.4)	0.083 J	0.057 J
2,4-Dimethylphenol	0.25 J (ND(4.4))	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
2-Methylnaphthalene	D(0.44) (ND(4.4)	0.065 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
2-Methylphenol	0.23 J (ND(4.4))	0.045 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
4-Methylphenol	0.38 J (ND(4.4))	0.062 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Acenaphthene	D(0.44) (ND(4.4)	0.084 J	ND(0.46)	0.021 J	ND(0.4)	ND(0.34)	ND(0.38)
Acenaphthylene	D(0.44) (ND(4.4)	0.2 J	ND(0.46)	ND(0.44)	ND(0.4)	0.032 J	ND(0.38)
Acetophenone	0.4 J (ND(4.4))	0.066 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Aniline	ND(1.1) (6.5)	ND(0.9)	ND(1.2)	ND(1.1)	ND(1)	ND(0.86)	ND(0.96)
Anthracene	0.36 J (0.33 J)	0.24 J	ND(0.46)	0.042 J	ND(0.4)	0.039 J	0.035 J
Benzo(a)anthracene	1.3 (1.0 J)	1	0.11 J	0.21 J	ND(0.4)	0.24 J	0.19 J
Benzo(a)pyrene	2.1 (1.4 J)	1.5 J	0.12 J	0.23 J	0.045 J	0.25 J	0.22 J
Benzo(b)fluoranthene	2.1 (2.6 J)	1.1	0.1 J	0.22 J	0.037 J	0.23 J	0.2 J
Benzo(g,h,i)perylene	1.4 (0.58 J)	1.2	0.098 J	0.19 J	0.042 J	0.22 J	0.19 J
Benzo(k)fluoranthene	1.9 (ND(4.4))	1	0.098 J	0.19 J	0.036 J	0.22 J	0.22 J
bis(2-Ethylhexyl)phthalate	D(0.44) (ND(4.4)	ND(0.36)	ND(0.46)	0.091 J	ND(0.4)	ND(0.34)	ND(0.38)
Chrysene	1.5 (1.2 J)	1.2	0.12 J	0.25 J	0.041 J	0.3 J	0.27 J
Di-n-Butylphthalate	D(0.44) (ND(4.4)	0.32 J	ND(0.46)	0.057 J	ND(0.4)	0.12 J	ND(0.38)
Dibenzo(a,h)anthracene	0.48 (ND(4.4))	0.33 J	ND(0.46)	0.063 J	ND(0.4)	0.076 J	0.063 J
Dibenzofuran	0.47 (ND(4.4))	0.074 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Fluoranthene	2.8 (ND(4.4))	2.1	0.22 J	0.53	0.059 J	0.72	0.47
Fluorene	0.1 J (ND(4.4))	0.089 J	ND(0.46)	0.026 J	0.059 J	ND(0.34)	ND(0.38)
Hexachlorobenzene	0.12 J (ND(4.4))	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Indeno(1,2,3-cd)pyrene	1.4 (0.64 J)	1	0.086 J	0.19 J	0.036 J	0.21 J	0.17 J
Isophorone	D(0.44) (ND(4.4)	0.15 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
N-Nitrosodiphenylamine	0.092 J (ND(4.4))	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Naphthalene	0.5 (ND(4.4))	0.33 J	ND(0.46)	0.036 J	ND(0.4)	0.076 J	0.076 J
Pentachlorobenzene	0.24 J (ND(4.4))	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Phenanthrene	2 (1.3 J)	1.4	0.12 J	0.25 J	ND(0.4)	0.41	0.31 J
Phenol	ND(0.44) (0.94 J)	0.39	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Pyrene	2.5 (0.96 J)	2.1	0.24 J	0.42 J	0.06 J	0.52	0.56
Organochlorine Pesticides							
4,4'-DDT	ND(910)	ND(1.8)	ND(24)	ND(0.091)	R	ND(3.5)	ND(2)
Dieldrin	ND(910)	R	ND(24)	R	R	ND(3.5)	ND(2)
Kepone	R	R	R	R	R	R	R
Dioxins							
WHO TEF	3.20E-02	3.30E-04	8.30E-05	4.30E-05	9.90E-06	1.20E-04	8.30E-05
Inorganics							
Antimony	8.7 (11.5)	ND(1)	0.52 J	ND(0.42)	0.58 J	0.33	0.72
Arsenic	7 (12.6)	2.5 J	2.3	2.5	1.7	2.3	3.5
Barium	431 (404)	58.4	29.5	38.7	24	22.8	46.2 J
Beryllium	0.3 J (0.590 B)	0.21	0.13 J	0.15	0.15 J	0.16	0.22 J
Cadmium	3.4 (5.40)	0.24	ND(0.05)	ND(0.05)	ND(0.04)	ND(0.03)	ND(0.03)
Chromium	154 (112)	16.4 J	11.3	14.9	9.1	13.7	14.3 J
Cobalt	14.3 (20.4)	5.5 J	6.3	7.9	7	5.9	8.4
Copper	3180 (2460)	116	52.9	25.8	11.6	25.4	54.1
Lead	2100 J (1940)	179	54.7 J	31.7	11.5	39.4	44.6 J
Mercury	1.3 (1.60)	0.26 J	0.04 J	0.12	0.02	0.11	0.17

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 5 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T049-SL0124 0-0.5 8/13/98	T050-SL0490 0-0.5 9/11/98	T051-SL0127 1-1.5 8/13/98	T052-SL0512 0-0.5 9/14/98	T053-SL0115 1-1.5 8/13/98	T054-SL0516 1-1.5 9/15/98	T055-SL0131 0-0.5 8/14/98
Nickel	102 (93.1)	14.4	12	14.2	11.1	10	15.0 J
Selenium	1.5 (3.00)	ND(0.4)	ND(0.56)	ND(0.43)	ND(0.51)	ND(0.33)	ND(0.33)
Silver	8.6 (8.80)	ND(0.33)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.13)	0.16 J
Thallium	1.1 (1.00 B)	ND(0.69)	ND(0.71)	ND(0.71)	0.69	ND(0.54)	0.63 J
Tin	119 (190)	12.9	4.8	2.7	1.4	3.6	3.6
Vanadium	26.2 (23.8)	11.9 J	8.5	12.7	9.4	7.1	14.9
Zinc	2200 J (2290)	212	89.7 J	85.6	47.5	67.7	98.1

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T032-SL0466 0-0.5 9/9/98	T033-SL0100 0-0.5 8/12/98	T034-SL0467 0-0.5 9/10/98	T035-SL0098 1-1.5 8/12/98	T036-SL0471 0-0.5 9/10/98	T037-SL0105 0-0.5 8/12/98	T038-SL0475 1-1.5 9/10/98	T039-SL0106 0-0.5 8/13/98	T040-SL0476 1-1.5 9/10/98	T041-SL0116 0-0.5 8/13/98	T042-SL0480 0-0.5 9/10/98
Semivolatile Organics											
1,2,4,5-Tetrachlorobenzene	ND(0.48)	0.23 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.3 J {ND(3.9)}	0.49 J	0.042 J	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
1,2,4-Trichlorobenzene	0.14 J	0.27 J	ND(0.71)	0.042 J	ND(0.36) {ND(0.37)}	0.14 J {ND(3.9)}	0.19 J	0.044 J	0.017 J	ND(0.38)	0.047 J {ND(0.37)}
1,3-Dichlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	ND(0.68) {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
1,4-Dichlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	0.033 J {ND(0.37)}	ND(0.68) {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	0.037 J {ND(0.37)}
2,4-Dimethylphenol	ND(0.48)	0.082 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	ND(0.68) {ND(3.9)}	0.15 J	ND(0.41)	ND(0.33)	ND(0.38)	0.046 J {ND(0.37)}
2-Methylnaphthalene	0.082 J	0.065 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.47 J {ND(3.9)}	2.6 J	0.44	ND(0.33)	0.035 J	0.047 J {ND(0.37)}
2-Methylphenol	ND(0.48)	0.041 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.11 J {ND(3.9)}	0.096 J	ND(0.41)	ND(0.33)	ND(0.38)	0.099 J {ND(0.37)}
4-Methylphenol	ND(0.48)	0.13 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.12 J {ND(3.9)}	0.22 J	ND(0.41)	ND(0.33)	ND(0.38)	0.08 J {0.036 J}
Acenaphthene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.18 J {0.30 J}	0.18 J	0.2 J	0.02 J	ND(0.38)	0.044 J {0.046 J}
Acenaphthylene	0.14 J	0.047 J	ND(0.71)	ND(0.38)	ND(0.36) {0.049 J}	0.56 J {1.7 J}	0.35 J	0.54	ND(0.33)	ND(0.38)	0.051 J {0.12 J}
Acetophenone	0.12 J	0.44	ND(0.71)	0.11 J	ND(0.36) {ND(0.37)}	0.37 J {ND(3.9)}	0.18 J	0.067 J	ND(0.33)	ND(0.38)	0.055 J {ND(0.37)}
Aniline	ND(1.2)	ND(0.95)	ND(1.8)	ND(0.96)	ND(0.91) {ND(0.37)}	ND(1.7) {7.2}	ND(1.8)	ND(1)	ND(0.83)	ND(0.94)	0.18 J {1.5}
Anthracene	1.2	0.13 J	ND(0.71)	0.056 J	0.047 J {0.053 J}	0.58 J {1.0 J}	0.52 J	0.6	0.047 J	0.09 J	0.1 J {0.11 J}
Benzo(a)anthracene	4.6	0.68	0.17 J	0.3 J	0.28 J {0.20 J}	2.4 {3.0 J}	2.6	2.9	0.23 J	0.44	0.47J {0.41}
Benzo(a)pyrene	3.5	0.82	0.17 J	0.32 J	0.3 J {0.25 J}	2.7 {3.5 J}	2.6	2.9	0.25 J	0.48	0.53 J {0.52}
Benzo(b)fluoranthene	5.9	0.85	0.16 J	0.3 J	0.26 J {0.25 J}	1.8 {3.2 J}	1.6	1.7	0.22 J	0.39	0.41 J {0.51}
Benzo(g,h,i)perylene	1.5	0.66	0.16 J	0.24 J	0.24 J {0.069 J}	1.6 {1.1 J}	1.9	1.8	0.23 J	0.37 J	0.52 J {0.17 J}
Benzo(k)fluoranthene	3.5	0.73	0.14 J	0.28 J	0.29 J {0.30 J}	2 {2.4 J}	1.9	2	0.2 J	0.42	0.42 J {0.53}
Benzyl Alcohol	ND(0.48)	0.081 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.48 J {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
bis(2-Ethylhexyl)phthalate	0.09 J	0.15 J	8.3	ND(0.38)	0.15 J {ND(0.37)}	0.29 J {ND(3.9)}	ND(0.7)	0.054 J	0.047 J	0.035 J	0.068 J {0.075 J}
Butylbenzylphthalate	0.12 J	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	3 {0.64 J}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	0.033 J {ND(0.37)}
Chrysene	12	0.83	0.42 J	0.37 J	0.32 J {0.27 J}	3.4 {4.5}	3.6	3.8	0.29 J	0.55	0.61 {0.59}
Di-n-Butylphthalate	0.13 J	0.078 J	ND(0.71)	0.05 J	0.087 J {ND(0.37)}	ND(0.68) {ND(3.9)}	0.15 J	ND(0.41)	0.11 J	ND(0.38)	0.16 J {0.057 J}
Dibenzo(a,h)anthracene	0.73	0.17 J	ND(0.71)	0.057 J	0.087 J {ND(0.37)}	0.44 J {0.36 J}	0.54	0.49	0.05 J	0.12 J	0.16 J {0.057 J}
Dibenzofuran	ND(0.48)	0.071 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.11 J {ND(3.9)}	0.087 J	0.11 J	ND(0.33)	ND(0.38)	0.028 J {ND(0.37)}
Fluoranthene	3.5 J	0.97	0.39 J	0.62	0.53 {0.41}	4.6 {7.0}	5.8	6.2	0.49	1	1.2 {0.79}
Fluorene	0.15 J	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.42 J {0.69 J}	0.35 J	0.54	0.026 J	0.062 J	0.065 J {0.064 J}
Hexachlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	ND(0.68) {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
Indeno(1,2,3-cd)pyrene	1.6	0.62	0.14 J	0.23 J	0.25 J {0.081 J}	1.3 {1.1 J}	1.6	1.4	0.18 J	0.33 J	0.4 {0.18 J}
Isophorone	ND(0.48)	0.13 J	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	0.091 J {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
Naphthalene	ND(0.48)	0.18 J	ND(0.71)	0.079 J	0.04 J {ND(0.37)}	1.1 {ND(3.9)}	0.5 J	0.84	0.026 J	0.073 J	0.099 J {ND(0.37)}
Pentachlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) {ND(0.37)}	ND(0.68) {ND(3.9)}	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) {ND(0.37)}
Phenanthrene	0.56	0.67	0.22 J	0.4	0.3 J {0.24 J}	6.2 {6.6}	7	7.4	0.29 J	0.76	0.78J {0.69}
Phenol	0.43 J	ND(0.38)	ND(0.71)	ND(0.38)	0.09 J {ND(0.37)}	0.79 {ND(3.9)}	0.24 J	ND(0.41)	0.052 J	ND(0.38)	0.51 J {0.26 J}
Pyrene	4	1.2	0.29 J	0.76	0.53 {0.35 J}	8.8 {7.1}	10	11	0.51	1.2	1.4 J {0.81}
Organochlorine Pesticides											
4,4'-DDE	ND(0.18)	8.1	ND(0.036)	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	1.1 {ND(0.19)}
4,4'-DDT	ND(0.18)	R	ND(0.036)	R	ND(0.19)	R	ND(1.8)	0.92	ND(0.071)	R	ND(0.76) {ND(0.19)}
Dieldrin	ND(0.18)	R	0.048	ND(0.4)	R	R	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	R {ND(0.19)}
Endosulfan II	ND(0.18)	ND(3.9)	ND(0.036)	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	ND(0.76) {0.31}
Endrin Aldehyde	ND(0.18)	ND(3.9)	0.037 J	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	0.86 {0.20}
Kepone	R	R	R	R	R	R	R	R	R	R	R {ND(3.7)}
Herbicides											
2,4,5-T	NS	ND(0.0055)	ND(0.0052)	NS	NS	NS	NS	NS	NS	NS	D(0.0054) {ND(0.022)}
2,4,5-TP	NS	ND(0.0055)	ND(0.0052)	NS	NS	NS	NS	NS	NS	NS	0.0073 J {ND(0.022)}
Dioxins											
WHO TEF	1.10E-04	1.00E-03	1.80E-04	6.90E-05	1.00E-04	4.90E-04	1.53E-03	7.40E-05	7.00E-05	3.50E-05	2.00E-04
Inorganics											
Antimony	1.9 J	2.8 J	ND(0.95)	0.9 J	ND(1) {1.50}	3.7 {9.90}	25.1	0.72 J	ND(0.96)	0.63 J	ND(1) {1.40}
Arsenic	10.2	4.6	R	2.6	R {2.90}	5.6 {8.00}	7.4 J	3.4	R	2.7	R {4.40}
Barium	55.8	140	28.1	43.7	36.5 {54.3}	71.5 {75.1}	179	52.1	36.4	37.7	45.8 {53.9}
Beryllium	0.15	0.19 J	ND(0.18)	0.18 J	0.18 {0.270 B}	ND(0.04) {0.260 B}	0.63	0.17 J	0.19	0.17 J	0.27 {0.430 B}
Cadmium	0.55	0.62	ND(0.09)	ND(0.04)	ND(0.09) {0.310 B}	0.83 {0.940}	2	ND(0.04)	ND(0.09)	ND(0.04)	ND(0.09) {0.400 B}
Chromium	10.2	26.5	11.8 J	15.4	13.3 J {13.4}	30.9 {35.2}	48.6 J	21.4	12.7 J	15.1	16.7J {19.1}
Cobalt	10.9	9.2	4.6 J	7.8	4.9 J {8.10}	9.9 {10.7}	8.9 J	8.3	4.6 J	7.7	6.5 J {10.8}
Copper	86.3	531	50.1	54.3	66.9 {112}	366 {411}	1400	80.8	79.4	34.8	59.4 {71.1}

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T032-SL0466 0-0.5 9/9/98	T033-SL0100 0-0.5 8/12/98	T034-SL0467 0-0.5 9/10/98	T035-SL0098 1-1.5 8/12/98	T036-SL0471 0-0.5 9/10/98	T037-SL0105 0-0.5 8/12/98	T038-SL0475 1-1.5 9/10/98	T039-SL0106 0-0.5 8/13/98	T040-SL0476 1-1.5 9/10/98	T041-SL0116 0-0.5 8/13/98	T042-SL0480 0-0.5 9/10/98
Lead	70.3	661 J	81.8	79 J	127 (147J)	621 (732)	2480	109 J	117	52 J	83.5 (96.1 J)
Mercury	0.2	1	0.07	0.07	0.12 (0.140)	0.16 (0.190)	0.49	0.09	0.07	0.08	0.21 (0.260)
Nickel	24.6	26.4	11	14.7	11.6 (15.0 J)	41.7 (33.7)	41.5	16.6	21.8	13.1	14.6 (19.3 J)
Selenium	0.87	ND(0.46)	ND(0.37)	ND(0.53)	ND(0.4) (0.350 B)	ND(0.55) (0.950)	ND(0.38)	ND(0.52)	ND(0.37)	0.5 J	ND(0.4) (0.730)
Silver	ND(0.19)	0.89 J	ND(0.3)	ND(0.16)	ND(0.33) (0.350 B)	0.93 J (0.900 B)	158	0.59 J	ND(0.3)	0.17	ND(0.33) (0.550 B)
Thallium	1	ND(6)	ND(0.63)	ND(0.69)	ND(0.68) (0.830 B)	0.84 (0.850 B)	ND(0.64)	0.95	ND(0.64)	0.66	ND(0.68) (1.00 B)
Tin	3.6 J	66.8	7.5	6.2	13.7 (ND(13.0))	43.9 (74.8)	320	8.1	5.9	3.6	4.7 (ND(11.1))
Vanadium	14.9	16.9	7.8 J	14.4	8.7 J (11.1)	20.4 (20.0)	11.2 J	16.3	8.6 J	13.6	15.4 J (21.2)
Zinc	201	839 J	129	117 J	185 (215)	792 J (657)	1340	133 J	143	89.3 J	165 (178)
Cyanide	ND(0.6)	ND(0.58)	ND(0.61)	ND(0.58)	ND(0.63) (ND(2.80))	0.62 (ND(2.90))	ND(0.6)	ND(0.63)	ND(0.55)	ND(0.56)	ND(0.61) (ND(2.80))
Sulfide	5.3	5.7	5.3 J	ND(5.7)	5.4 J (ND(55.8))	ND(6) (ND(235))	5.2 J	6.1	ND(5.1)	ND(5.6)	5.5 J (ND(55.6))

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T043-SL0110 1-1.5 8/13/98	T044-SL0482 2-2.5 9/10/98	T045-SL0120 0-0.5 8/13/98	T046-SL0485 1-1.5 9/11/98	T047-SL0114 1-1.5 8/13/98
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	0.21 J	ND(0.38)	ND(0.38)	ND(0.35)
1,2,4-Trichlorobenzene	0.083 J	0.082 J	ND(0.38)	0.049 J	ND(0.35)
1,3-Dichlorobenzene	ND(0.37)	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
1,4-Dichlorobenzene	ND(0.37)	0.054 J	ND(0.38)	ND(0.38)	ND(0.35)
2,4-Dimethylphenol	0.06 J	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
2-Methylnaphthalene	0.21 J	0.023 J	0.071 J	ND(0.38)	0.16 J
2-Methylphenol	0.071 J	0.021 J	ND(0.38)	ND(0.38)	ND(0.35)
4-Methylphenol	0.097 J	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
Acenaphthene	0.071 J	0.026 J	ND(0.38)	0.044 J	0.05 J
Acenaphthylene	0.23 J	ND(0.35)	0.085 J	ND(0.38)	0.19 J
Acetophenone	0.055 J	0.016 J	0.043 J	ND(0.38)	0.065 J
Aniline	ND(0.93)	ND(0.87)	ND(0.96)	ND(0.94)	ND(0.87)
Anthracene	0.19 J	0.053 J	0.087 J	0.094 J	0.15 J
Benzo(a)anthracene	0.89	0.24 J	0.54	0.42	0.82
Benzo(a)pyrene	1	0.28 J	0.58	0.44 J	0.86
Benzo(b)fluoranthene	0.64	0.23 J	0.46	0.36 J	0.5
Benzo(g,h,i)perylene	0.66	0.24 J	0.46	0.39	0.59
Benzo(k)fluoranthene	0.75	0.24 J	0.45	0.42	0.61
Benzyl Alcohol	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
bis(2-Ethylhexyl)phthalate	0.068 J	0.057 J	0.042 J	0.052 J	0.033 J
Butylbenzylphthalate	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
Chrysene	1.2	0.3 J	0.73	0.51	1.2
Di-n-Butylphthalate	ND(0.37)	0.19 J	ND(0.38)	0.036 J	ND(0.35)
Dibenzo(a,h)anthracene	0.18 J	0.062 J	0.13 J	0.13 J	0.16 J
Dibenzofuran	0.052 J	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
Fluoranthene	1.8	0.48 J	1.2	1.1	1.7
Fluorene	0.17 J	0.033 J	0.048 J	0.053 J	0.11 J
Hexachlorobenzene	ND(0.37)	0.036 J	ND(0.38)	ND(0.38)	ND(0.35)
Indeno(1,2,3-cd)pyrene	0.53	0.2 J	0.38 J	0.36 J	0.44
Isophorone	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	0.14 J
Naphthalene	0.41	0.043 J	0.18 J	0.084 J	0.33 J
Pentachlorobenzene	ND(0.37)	0.049 J	ND(0.38)	ND(0.38)	ND(0.35)
Phenanthrene	2.2	0.34 J	0.85	0.77	1.7
Phenol	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
Pyrene	3.2	0.6 J	1.7	1.1	3.1
Organochlorine Pesticides					
4,4'-DDE	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
4,4'-DDT	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
Dieldrin	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
Endosulfan II	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	ND(0.36)
Endrin Aldehyde	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	ND(0.36)
Kepone	R	R	R	R	R
Herbicides					
2,4,5-T	NS	NS	NS	NS	NS
2,4,5-TP	NS	NS	NS	NS	NS
Dioxins					
WHO TEF	1.70E-04	4.30E-05	2.80E-05	5.70E-05	2.50E-05
Inorganics					
Antimony	0.76 J	ND(1)	1.1 J	ND(1.1)	0.72 J
Arsenic	7.2	R	2.5	R	9.1
Barium	69.2	28.3	47.6	44.9	15.9 J
Beryllium	0.040 J	0.2	0.11 J	0.3	ND(0.04)
Cadmium	ND(0.04)	ND(0.09)	ND(0.04)	ND(0.1)	ND(0.04)
Chromium	18.4	11.8	13.6	17.1 J	14.9
Cobalt	9.8	5.0 J	8.1	6.4 J	20.4
Copper	122	31.8	28.9	34.1	35.6

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T043-SL0110 1-1.5 8/13/98	T044-SL0482 2-2.5 9/10/98	T045-SL0120 0-0.5 8/13/98	T046-SL0485 1-1.5 9/11/98	T047-SL0114 1-1.5 8/13/98
Lead	143 J	55.2	35.9 J	54.8	20.8 J
Mercury	0.19	0.09	0.11	0.16 J	ND(0.02)
Nickel	18.4	10.5	13.8	14.4	26.7
Selenium	0.83	ND(0.39)	ND(0.48)	ND(0.43)	ND(0.45)
Silver	0.65 J	ND(0.32)	0.28 J	ND(0.35)	ND(0.14)
Thallium	ND(6.6)	ND(0.66)	0.85	ND(0.74)	ND(5.7)
Tin	10.	7	3.6	2.7	0.92
Vanadium	19.8	8.5 J	12.6	14.3 J	11.4
Zinc	172 J	88.5	100 J	105	80.1 J
Cyanide	ND(0.55)	ND(0.6)	ND(0.58)	ND(0.64)	ND(0.52)
Sulfide	ND(5.6)	5.2 J	ND(5.7)	ND(5.6)	ND(5.2)

Table 3-3 Detected VOC Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01						
	SS07	10-12				
			cis-1,2-Dichloroethene	26		mg/kg
			Trichloroethene	3.3		mg/kg
N2SC-02						
	SS20	34-36				
			Acetone	0.75		mg/kg
			Trichloroethene	0.43		mg/kg
N2SC-03						
	SS09	14-15				
			cis-1,2-Dichloroethene	130		mg/kg
			Toluene	4.5	J	mg/kg
			Trichloroethene	170		mg/kg
N2SC-04						
	SS09	14-15				
			Acetone	1		mg/kg
			Trichloroethene	0.42		mg/kg
N2SC-07						
	SS09	14-15				
			Acetone	0.13		mg/kg
			Benzene	0.0043	J	mg/kg
			Chlorobenzene	0.16		mg/kg
			cis-1,2-Dichloroethene	0.11		mg/kg
			Toluene	0.0042	J	mg/kg
			Vinyl chloride	0.031		mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01						
	CS1015	10-15				
			1,2,4,5-Tetrachlorobenzene	0.81	J	mg/kg
			1,2,4-Trichlorobenzene	24		mg/kg
			2,4-Dimethylphenol	0.37	J	mg/kg
			2-Methylnaphthalene	0.69	J	mg/kg
			Acenaphthene	5.6		mg/kg
			Acenaphthylene	1	J	mg/kg
			Anthracene	6.6		mg/kg
			Benzo(a)anthracene	7.4		mg/kg
			Benzo(a)pyrene	6.5		mg/kg
			Benzo(b)fluoranthene	8.1		mg/kg
			Benzo(ghi)perylene	1.1	J	mg/kg
			Benzo(k)fluoranthene	3.6		mg/kg
			bis(2-Ethylhexyl) phthalate	0.37	J	mg/kg
			Chrysene	7.1		mg/kg
			Dibenz(a,h)anthracene	0.38	J	mg/kg
			Dibenzofuran	2.2	J	mg/kg
			Fluoranthene	24		mg/kg
			Fluorene	5.5		mg/kg
			Indeno(1,2,3-cd)pyrene	1.2	J	mg/kg
			Naphthalene	2.3	J	mg/kg
			Phenanthrene	19		mg/kg
			Pyrene	13		mg/kg
N2SC-02						
	CS0306	3-6				
			1,2,4-Trichlorobenzene	4.5		mg/kg
			Acenaphthene	0.5	J	mg/kg
			Acenaphthylene	1.1	J	mg/kg
			Anthracene	1.5	J	mg/kg
			Benzo(a)anthracene	5.7		mg/kg
			Benzo(a)pyrene	7.2		mg/kg
			Benzo(b)fluoranthene	8.5		mg/kg
			Benzo(ghi)perylene	2.6		mg/kg
			Benzo(k)fluoranthene	3.8		mg/kg
			bis(2-Ethylhexyl) phthalate	0.9	J	mg/kg
			Chrysene	5.7		mg/kg
			Dibenz(a,h)anthracene	0.75	J	mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Dibenzofuran	0.5	J	mg/kg
			Fluoranthene	11		mg/kg
			Fluorene	0.63	J	mg/kg
			Indeno(1,2,3-cd)pyrene	3.1		mg/kg
			Naphthalene	0.64	J	mg/kg
			Phenanthrene	6.2		mg/kg
			Pyrene	8.5		mg/kg
	CS3436	34-36				
			1,2,4,5-Tetrachlorobenzene	28		mg/kg
			1,2,4-Trichlorobenzene	990		mg/kg
			1,2-Dichlorobenzene	14	J	mg/kg
			1,4-Dichlorobenzene	30		mg/kg
			2-Methylnaphthalene	3.8	J	mg/kg
			Dibenzofuran	1.5	J	mg/kg
			Naphthalene	7	J	mg/kg
			Pentachlorobenzene	1.8	J	mg/kg
N2SC-03						
	CS1015	10-15				
			1,2,4,5-Tetrachlorobenzene	4.4		mg/kg
			1,2,4-Trichlorobenzene	210		mg/kg
			1,2-Dichlorobenzene	2.7	J	mg/kg
			1,3-Dichlorobenzene	2.4	J	mg/kg
			1,4-Dichlorobenzene	18		mg/kg
			2,4-Dimethylphenol	0.31	J	mg/kg
			2-Methylnaphthalene	2.6	J	mg/kg
			Acenaphthene	1.6	J	mg/kg
			Acenaphthylene	0.32	J	mg/kg
			Aniline	5.5		mg/kg
			Anthracene	1.4	J	mg/kg
			Benzo(a)anthracene	2.2	J	mg/kg
			Benzo(a)pyrene	1.6	J	mg/kg
			Benzo(b)fluoranthene	2.6	J	mg/kg
			Benzo(k)fluoranthene	1.2	J	mg/kg
			bis(2-Ethylhexyl) phthalate	1.3	J	mg/kg
			Chrysene	2.5	J	mg/kg
			Dibenzofuran	1.1	J	mg/kg
			Fluoranthene	4.7		mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Fluorene	1.7		mg/kg
			Indeno(1,2,3-cd)pyrene	0.27	J	mg/kg
			N-Nitrosodiphenylamine	0.77	J	mg/kg
			Naphthalene	12		mg/kg
			Phenanthrene	7		mg/kg
			Pyrene	4		mg/kg
N2SC-04						
	CS1015	10-15				
			Acenaphthene	0.052	J	mg/kg
			Anthracene	0.14	J	mg/kg
			Benzo(a)anthracene	0.2	J	mg/kg
			Benzo(a)pyrene	0.17	J	mg/kg
			Benzo(b)fluoranthene	0.18	J	mg/kg
			Benzo(ghi)perylene	0.069	J	mg/kg
			Benzo(k)fluoranthene	0.095	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.49		mg/kg
			Chrysene	0.19	J	mg/kg
			Dibenzofuran	0.051	J	mg/kg
			Fluoranthene	0.59		mg/kg
			Fluorene	0.081	J	mg/kg
			Indeno(1,2,3-cd)pyrene	0.071	J	mg/kg
			Phenanthrene	0.55		mg/kg
			Pyrene	0.34	J	mg/kg
N2SC-05						
	CS1015	10-15				
			Benzo(a)pyrene	0.2	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.12	J	mg/kg
N2SC-06						
	CS1015	10-15				
			Acenaphthene	0.83	J	mg/kg
			Acenaphthylene	0.27	J	mg/kg
			Anthracene	0.17	J	mg/kg
			Benzo(a)anthracene	0.5	J	mg/kg
			Benzo(a)pyrene	0.7	J	mg/kg
			Benzo(b)fluoranthene	0.57	J	mg/kg
			Benzo(ghi)perylene	0.51	J	mg/kg
			Benzo(k)fluoranthene	0.25	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.43	J	mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Chrysene	0.55	J	mg/kg
			Fluoranthene	0.72	J	mg/kg
			Fluorene	0.34	J	mg/kg
			Indeno(1,2,3-cd)pyrene	0.38	J	mg/kg
			Phenanthrene	0.36	J	mg/kg
			Pyrene	0.99	J	mg/kg
N2SC-07						
	CS1015	10-15				
			Benzo(a)anthracene	0.037	J	mg/kg
			Benzo(a)pyrene	0.052	J	mg/kg
			Benzo(b)fluoranthene	0.045	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.45		mg/kg
			Chrysene	0.045	J	mg/kg
			Fluoranthene	0.044	J	mg/kg
			Phenanthrene	0.038	J	mg/kg
			Pyrene	0.072	J	mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01						
	CS1015	10-15				
			Antimony	1	B	mg/kg
			Arsenic	5.9		mg/kg
			Barium	64.5		mg/kg
			Beryllium	0.48	B	mg/kg
			Cadmium	1.1		mg/kg
			Chromium	20.9		mg/kg
			Cobalt	13.6		mg/kg
			Copper	77.1		mg/kg
			Lead	145		mg/kg
			Mercury	0.036	B	mg/kg
			Nickel	19.9		mg/kg
			Selenium	1.2		mg/kg
			Thallium	1.4	B	mg/kg
			Tin	11.3	B	mg/kg
			Vanadium	15.1		mg/kg
			Zinc	305		mg/kg
N2SC-011						
	13771					
			Antimony	0	B	mg/kg
			Arsenic	0	B	mg/kg
			Barium	1	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	0	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	10		mg/kg
			Vanadium	0	B	mg/kg
N2SC-02						
	A0257					
			Barium	0	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	1	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	2	B	mg/kg
			Zinc	1	B	mg/kg
	CS0306	3-6				
			Antimony	1.9		mg/kg
			Arsenic	12		mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Barium	682		mg/kg
			Beryllium	0.25	B	mg/kg
			Cadmium	7.1		mg/kg
			Chromium	81.1		mg/kg
			Cobalt	29.4		mg/kg
			Copper	845		mg/kg
			Lead	910		mg/kg
			Mercury	0.61		mg/kg
			Nickel	36.9		mg/kg
			Selenium	1.8		mg/kg
			Silver	9.1		mg/kg
			Tin	165		mg/kg
			Vanadium	27.8		mg/kg
			Zinc	3730		mg/kg
	CS0306 DUP	3-6				
			Antimony	2.5		mg/kg
			Arsenic	11.3		mg/kg
			Barium	817		mg/kg
			Beryllium	0.26		mg/kg
			Cadmium	11.7		mg/kg
			Chromium	34		mg/kg
			Cobalt	14.5		mg/kg
			Copper	1530		mg/kg
			Lead	1060		mg/kg
			Nickel	34.1		mg/kg
			Selenium	0.76		mg/kg
			Silver	85.3		mg/kg
			Tin	181		mg/kg
			Vanadium	17.5		mg/kg
			Zinc	3140		mg/kg
	CS3436	34-36				
			Antimony	0.24	B	mg/kg
			Arsenic	9.7		mg/kg
			Barium	12.7	B	mg/kg
			Beryllium	0.063	B	mg/kg
			Cadmium	0.02	B	mg/kg
			Chromium	6.5		mg/kg
			Cobalt	8.6		mg/kg
			Copper	22.1		mg/kg
			Lead	8.2		mg/kg
			Mercury	0.018	B	mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Nickel	13.7		mg/kg
			Vanadium	4.8	B	mg/kg
			Zinc	37.3		mg/kg
N2SC-03						
	CS1015	10-15				
			Antimony	0.9	B	mg/kg
			Arsenic	3.9		mg/kg
			Barium	57.2		mg/kg
			Beryllium	0.32	B	mg/kg
			Cadmium	0.38	B	mg/kg
			Chromium	27.8		mg/kg
			Cobalt	9.1	B	mg/kg
			Copper	138		mg/kg
			Lead	221		mg/kg
			Mercury	0.32		mg/kg
			Nickel	21.2		mg/kg
			Selenium	0.86	B	mg/kg
			Silver	0.14	B	mg/kg
			Tin	11.1	B	mg/kg
			Vanadium	12.1		mg/kg
			Zinc	225		mg/kg
	CS1015 DUP	10-15				
			Antimony	1.7		mg/kg
			Arsenic	4		mg/kg
			Barium	70.8		mg/kg
			Beryllium	0.38		mg/kg
			Cadmium	0.48		mg/kg
			Chromium	15.6		mg/kg
			Cobalt	9.3		mg/kg
			Copper	113		mg/kg
			Lead	351		mg/kg
			Nickel	20.6		mg/kg
			Selenium	1.2		mg/kg
			Silver	0.1		mg/kg
			Tin	9.8		mg/kg
			Vanadium	13.6		mg/kg
			Zinc	217		mg/kg
N2SC-03I						
	13773					
			Antimony	0	B	mg/kg
			Barium	1	B	mg/kg

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A
	Sample Depth (Feet):	18-20	12-14	14-16	16-18	18-20	20-22	22-24
	Sample Collection Date:	05/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91
Phenol		ND	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND	ND	ND	ND	ND
3-Methylphenol		ND	ND	ND	ND	ND	ND	ND
4-Methylphenol		ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	0.048 J	ND	0.049 J	0.17 J	ND	0.21 J
Phenanthrene		ND	0.17 J	0.25 J	0.18 J	1.7	ND	2.1
Anthracene		ND	ND	0.051 J	ND	0.29 J	ND	0.38 J
Di-n-butylphthalate		ND	ND	ND	ND	ND	ND	ND
Fluoranthene		0.056 J	0.091 J	ND	ND	0.42 J	ND	0.56
Pyrene		0.087 J	0.11 J	ND	ND	0.86	ND	1.0
Benzo(a)anthracene		ND	0.069 J	0.13 J	0.12 J	0.32 J	ND	0.38 J
Chrysene		0.042 J	0.072 J	0.097 J	0.095 J	0.38 J	ND	0.31 J
Bis(2-ethylhexyl)phthalate		0.37 BJ	0.095 J	0.063 J	0.08 J	0.15 J	ND	0.087 J
Benzo(b)fluoranthene		0.047 JX	0.11 JX	0.2 JX	0.19 JX	0.28 JX	ND	0.37 JX
Benzo(k)fluoranthene		0.047 JX	0.11 JX	0.2 JX	0.19 JX	0.28 JX	ND	0.37 JX
Benzo(a)pyrene		ND	0.076 J	0.11 J	0.13 J	0.24 J	ND	0.3 J
Indeno(1,2,3-cd)pyrene		ND	ND	0.066 J	0.079 J	0.088 J	ND	0.1 J
Dibenz(a,h)anthracene		ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	0.046 J	0.089 J	0.11 J	0.12 J	ND	0.13 J
1,2,4-Trichlorobenzene		0.13 J	ND	0.11 J	0.078 J	0.06 J	ND	0.081 J
1,4-Dichlorobenzene		ND	ND	ND	0.36 J	0.22 J	ND	0.28 J
1-Methylnaphthalene		ND	ND	0.063 J	ND	0.26 J	ND	0.28 J
Fluorene		ND	ND	0.045 J	ND	0.33 J	ND	0.4 J
1,3-Dichlorobenzene		ND	ND	ND	0.076 J	0.054 J	ND	0.052 J
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A	NS-2A
	Sample Depth (Feet):	18-20	12-14	14-16	16-18	18-20	20-22	22-24
	Sample Collection Date:	05/23/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91	11/12/91
Naphthalene		ND	0.2 J	0.075 J	0.12 J	0.46 J	ND	0.54
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		ND	0.086 J	ND	ND	0.23 J	ND	0.26 J
1,2,3,4-Tetrachlorobenzene		ND	ND	0.14 J	0.095 J	ND	ND	0.051 J
1,2,3,5-Tetrachlorobenzene		ND	ND	0.055 JX	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	ND	0.055 JX	ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND	0.056 J	ND	0.052 J
Dibenzofuran		ND	ND	ND	ND	ND	ND	ND
2-Methylphenol		ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
Methapyrilene		ND	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	0.87	ND	ND
Zinophos		ND	ND	ND	ND	0.06 J	ND	ND
Cyclophosphamide		ND	ND	ND	ND	0.089 J	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10
	Sample Depth (Feet):	2-4	4-6	12-14	12-14	14-16	8-10	10-12
	Sample Collection Date:	05/22/91	11/12/91	05/21/91	05/28/91	10/25/91	11/15/91	11/15/91
Phenol		0.17 J	ND	ND	0.088 J	ND	ND	ND
Aniline		0.7	ND	ND	0.32 J	ND	ND	ND
3-Methylphenol		0.097 JX	ND	ND	0.054 JX	ND	ND	ND
4-Methylphenol		0.097 JX	ND	ND	0.054 JX	ND	ND	ND
2,4-Dimethylphenol		0.061 J	ND	ND	0.061 J	ND	ND	ND
Acenaphthylene		ND	0.13 J	ND	0.062 J	0.15 J	ND	ND
Phenanthrene		1.3	16	0.074 J	0.19 J	2.5	110	1.0 J
Anthracene		0.23 J	3.6	ND	0.063 J	0.3 J	27	ND
Di-n-butylphthalate		ND	ND	ND	0.089 J	ND	ND	ND
Fluoranthene		1.3	10	ND	0.43	1.6	89	0.3 J
Pyrene		0.99	7.3	ND	0.4 J	2.0	71	0.24 J
Benzo(a)anthracene		0.58	3.9	ND	0.29 J	0.92	77	0.4 J
Chrysene		0.59	3.6	0.055 J	0.33 J	0.77	42	ND
Bis(2-ethylhexyl)phthalate		0.16 BJ	0.36 J	0.075	0.28 BJ	0.067 J	ND	0.58 J
Benzo(b)fluoranthene		1.1 X	5.1 X	ND	0.22 J	1.1 X	45 X	ND
Benzo(k)fluoranthene		1.1 X	5.1 X	ND	0.57	1.1 X	45 X	ND
Benzo(a)pyrene		0.44	2.2	ND	0.35 J	0.67	25 J	ND
Indeno(1,2,3-cd)pyrene		0.25 J	1.2	ND	0.17 J	0.35 J	14 J	ND
Dibenz(a,h)anthracene		0.14 J	0.64 J	ND	0.073 J	0.11 J	4.8 J	ND
Benzo(g,h,i)perylene		0.27 J	1.4	ND	0.22 J	0.4	14 J	ND
1,2,4-Trichlorobenzene		ND	1.2	0.37 J	ND	ND	4.2 J	1.4 J
1,4-Dichlorobenzene		ND	ND	0.096 J	ND	ND	9.0 J	ND
1-Methylnaphthalene		0.063 J	1.7	0.051 J	ND	ND	ND	0.44 J
Fluorene		0.091 J	5.3	ND	ND	0.29 J	15 J	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10
	Sample Depth (Feet):	2-4	4-6	12-14	12-14	14-16	8-10	10-12
	Sample Collection Date:	05/22/91	11/12/91	05/21/91	05/28/91	10/25/91	11/15/91	11/15/91
Naphthalene		0.092 J	3.5	ND	ND	ND	ND	1.1 J
1,2,3-Trichlorobenzene		ND	0.16 J	0.12 J	ND	ND	ND	ND
2-Methylnaphthalene		0.048 J	1.7	ND	ND	ND	ND	0.39 J
1,2,3,4-Tetrachlorobenzene		ND	0.15 J	ND	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
Acenaphthene		0.11 J	4.4	ND	ND	0.04 J	5.6 J	ND
Dibenzofuran		0.083 J	2.8	ND	ND	ND	9.6 J	ND
2-Methylphenol		ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	0.23 J	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	ND	ND	ND	0.43 J
Methapyrilene		ND	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND	ND
Zinophos		ND	ND	ND	ND	ND	ND	1.5 J
Cyclophosphamide		ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	0.042 BJ	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND	1.5 J
2-Naphthylamine		ND	ND	ND	ND	ND	ND	0.34 J
2-Picoline		ND	ND	ND	ND	ND	ND	0.59 J
3-Nitroaniline		ND	ND	ND	ND	ND	ND	0.49 J
4-Nitrophenol		ND	ND	ND	ND	ND	ND	1.5 J
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND	1.5 J
Hexachloroethane		ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND	0.023 J
Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-10**	NS-10	NS-10	NS-10	NS-10 RE	NS-10	NS-11
	Sample Depth (Feet):	10-12	12-14	14-16	16-18	16-18	18-20	8-10
	Sample Collection Date:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91
Phenol		ND	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND	ND	ND	ND	ND
3-Methylphenol		ND	ND	ND	ND	ND	ND	ND
4-Methylphenol		ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	ND	ND
Phenanthrene		ND	0.85 J	1.4	22	22	0.15 J	3.3 J
Anthracene		ND	ND	0.22 J	4.9	4.6	ND	0.81 J
Di-n-butylphthalate		ND	ND	ND	0.71 J	ND	ND	ND
Fluoranthene		ND	0.31 J	ND	14	16	0.096 J	5.8
Pyrene		ND	0.45 J	ND	10	11	0.098 J	4.0 J
Benzo(a)anthracene		ND	ND	ND	7.0	12	0.074 J	3.2 J
Chrysene		ND	0.58 J	ND	5.7	5.8	0.13 J	4.7
Bis(2-ethylhexyl)phthalate		ND	ND	ND	0.79 J	0.53 J	0.1 J	ND
Benzo(b)fluoranthene		ND	ND	ND	7.0 X	7.3 X	ND	2.8 JX
Benzo(k)fluoranthene		ND	ND	ND	7.0 X	7.3 X	ND	2.8 JX
Benzo(a)pyrene		ND	ND	ND	3.8	4.2	ND	2.3 J
Indeno(1,2,3-cd)pyrene		ND	ND	ND	2.1	1.8 J	ND	0.81 J
Dibenz(a,h)anthracene		ND	ND	ND	0.67 J	0.6 J	ND	ND
Benzo(g,h,i)perylene		ND	ND	ND	1.9 J	1.6 J	ND	0.85 J
1,2,4-Trichlorobenzene		ND	ND	0.21 J	0.4 J	0.38 J	ND	1.9 J
1,4-Dichlorobenzene		ND	3.0	ND	ND	1.2 J	ND	4.6
1-Methylnaphthalene		ND	0.48 J	ND	3.0	3.0	ND	1.0 J
Fluorene		ND	ND	0.25 J	ND	4.7	ND	0.46 J
1,3-Dichlorobenzene		ND	ND	0.85	ND	ND	ND	1.0 J
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-10**	NS-10	NS-10	NS-10	NS-10 RE	NS-10	NS-11
	Sample Depth (Feet):	10-12	12-14	14-16	16-18	16-18	18-20	8-10
	Sample Collection Date:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	12/10/91
Naphthalene		ND	0.72 J	0.67	8.1	8.1	ND	0.72 J
1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		ND	0.36 J	0.23 J	2.9	2.6	ND	0.59 J
1,2,3,4-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	ND	ND	ND	ND	ND	ND
Acenaphthene		ND	ND	0.13 J	0.32 J	3.0	ND	ND
Dibenzofuran		ND	ND	0.19 J	ND	4.3	ND	ND
2-Methylphenol		ND	ND	ND	ND	ND	ND	ND
Benzoic acid		ND	ND	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
Methapyrilene		2.8 J	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND	ND
Zinophos		0.5 J	ND	ND	ND	ND	ND	ND
Cyclophosphamide		ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND	ND
Dimethoate		ND	1.2 J	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		0.65 J	1.2 J	ND	1.1 J	1.0 J	ND	ND
Hexachloroethane		ND	2.1 J	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	25	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-12	NS-12 DL	NS-13	NS-13 DL	NS-14	RB-6
	Sample Depth (Feet):	14-16	14-16	14-16	14-16	12-14	0-2
	Sample Collection Date:	05/22/91	05/22/91	05/21/91	05/21/91	05/24/91	05/21/91
Phenol		ND	ND	ND	ND	ND	0.51
Aniline		ND	ND	ND	ND	ND	1.5
3-Methylphenol		ND	ND	ND	ND	ND	0.043 JX
4-Methylphenol		ND	ND	ND	ND	ND	0.043 JX
2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	0.19 J
Phenanthrene		ND	ND	0.94	1.2 DJ	0.8 J	0.28 J
Anthracene		ND	ND	ND	ND	ND	0.066
Di-n-butylphthalate		ND	ND	ND	ND	ND	0.35 J
Fluoranthene		ND	ND	0.55	ND	0.43 J	0.45
Pyrene		ND	ND	0.54	ND	0.36 J	0.56
Benzo(a)anthracene		ND	ND	0.31 J	0.61 DJ	ND	0.33 J
Chrysene		ND	ND	0.63	1.1 DJ	ND	0.44
Bis(2-ethylhexyl)phthalate		ND	ND	ND	3.2 DJ	1.7 BJ	0.06 J
Benzo(b)fluoranthene		ND	ND	0.31 JX	0.62 DJ	ND	0.75 X
Benzo(k)fluoranthene		ND	ND	0.31 JX	0.62 DJ	ND	0.75 X
Benzo(a)pyrene		ND	ND	0.15 J	ND	ND	0.41
Indeno(1,2,3-cd)pyrene		ND	ND	0.071 J	ND	ND	0.25 J
Dibenz(a,h)anthracene		ND	ND	ND	ND	ND	0.11 J
Benzo(g,h,i)perylene		ND	ND	0.098 J	ND	ND	0.32 J
1,2,4-Trichlorobenzene		14	18 D	9.6 E	14 D	ND	ND
1,4-Dichlorobenzene		38 E	38 D	25 E	44 D	1.2 J	ND
1-Methylnaphthalene		ND	ND	0.6	0.81 DJ	0.21 J	ND
Fluorene		ND	ND	0.23 J	ND	0.22 J	0.057 J
1,3-Dichlorobenzene		3.7	4.1 D	5.1	6.5 D	ND	ND
1,2-Dichlorobenzene		3.8	4.5 D	0.52	0.67 DJ	ND	ND
Benzyl chloride		ND	ND	0.35 J	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-12	NS-12 DL	NS-13	NS-13 DL	NS-14	RB-6
Sample Depth (Feet):	14-16	14-16	14-16	14-16	12-14	0-2
Sample Collection Date:	05/22/91	05/22/91	05/21/91	05/21/91	05/24/91	05/21/91
Naphthalene	ND	ND	0.76	1.0 DJ	ND	0.041 J
1,2,3-Trichlorobenzene	11	12 D	0.7	0.88 DJ	ND	ND
2-Methylnaphthalene	ND	ND	0.43 J	0.57 DJ	ND	ND
1,2,3,4-Tetrachlorobenzene	0.86 J	0.88 DJ	0.26 J	ND	ND	ND
1,2,3,5-Tetrachlorobenzene	0.68 JX	0.65 DJ	0.67 X	0.98 DJX	ND	ND
1,2,4,5-Tetrachlorobenzene	0.68 JX	0.65 DJ	0.67 X	0.98 DJX	ND	ND
Acenaphthene	ND	ND	0.16 J	ND	ND	ND
Dibenzofuran	ND	ND	0.14 J	ND	ND	ND
2-Methyl phenol	ND	ND	ND	ND	ND	0.06 J
Benzoic acid	ND	ND	ND	ND	ND	0.1 J
7,12-Dimethylbenzanthracene	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	6.8 D	ND	ND
Methapyrilene	ND	ND	ND	ND	ND	ND
Dimethylphenylethylamine	ND	ND	ND	ND	ND	ND
Zinophos	ND	ND	ND	ND	ND	ND
Cyclophosphamide	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND
Dimethoate	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND
2-Naphthylamine	ND	ND	ND	ND	ND	ND
2-Picoline	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND
4-Aminobiphenyl	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

TABLE 4-7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Phenol		ND	0.43	0.18 J	ND	ND	ND
Aniline		0.29 J	0.61	0.5 J	ND	ND	ND
3-Methylphenol		ND	0.062 JX	ND	ND	ND	ND
4-Methylphenol		ND	0.062 JX	ND	ND	ND	ND
2,4-Dimethylphenol		ND	0.047 J	ND	ND	ND	ND
Acenaphthylene		ND	0.33 J	1.7	ND	ND	ND
Phenanthrene		0.12 J	0.38	0.46 J	ND	ND	0.04 J
Anthracene		0.04 J	0.12 J	0.4 J	ND	ND	ND
Di-n-butylphthalate		0.071 J	ND	ND	ND	ND	ND
Fluoranthene		0.13 J	ND	1.5	ND	ND	0.056 J
Pyrene		0.16 J	ND	2.5	ND	0.044 J	0.078 J
Benzo(a)anthracene		0.079 J	0.52	1.9	ND	ND	ND
Chrysene		0.1 J	0.76	2.4	ND	ND	0.05 J
Bis(2-ethylhexyl)phthalate		0.041 J	ND	ND	0.045 J	0.34 J	0.26 J
Benzo(b)fluoranthene		0.19 JX	1.3 X	5.5 X	ND	ND	0.06 JX
Benzo(k)fluoranthene		0.19 JX	1.3 X	5.5 X	ND	ND	0.06 JX
Benzo(a)pyrene		0.11 J	0.59	3.8	ND	ND	ND
Indeno(1,2,3-cd)pyrene		0.067 J	0.4	1.9	ND	ND	ND
Dibenz(a,h)anthracene		ND	0.18 J	0.82	ND	ND	ND
Benzo(g,h,i)perylene		0.088 J	0.47	2.9	ND	ND	ND
1,2,4-Trichlorobenzene		ND	0.38	0.096 J	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND
1-Methylnaphthalene		ND	0.052 J	ND	ND	ND	ND
Fluorene		ND	ND	0.15 J	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND	ND	ND
Benzyl chloride		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Naphthalene		ND	0.09 J	0.097 J	ND	ND	ND
1,2,3-Trichlorobenzene		ND	0.11 J	ND	ND	ND	ND
2-Methylnaphthalene		ND	ND	0.41 J	ND	ND	ND
1,2,3,4-Tetrachlorobenzene		ND	0.2 J	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene		ND	0.092 JX	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene		ND	0.092 JX	ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	ND	ND
2-Methyl phenol		ND	ND	ND	ND	ND	ND
Benzoic acid		0.15 J	ND	ND	ND	ND	ND
7,12-Dimethylbenzanthracene		ND	ND	0.08 J	ND	ND	ND
2-Nitroaniline		0.039 J	ND	ND	ND	ND	ND
Methapyrilene		0.22 J	ND	ND	ND	ND	ND
Dimethylphenylethylamine		ND	ND	ND	ND	ND	ND
Zinophos		ND	ND	ND	ND	ND	ND
Cyclophosphamide		ND	ND	ND	ND	ND	ND
Butylbenzylphthalate		ND	ND	ND	ND	ND	ND
Dimethoate		ND	ND	ND	ND	ND	ND
Acetophenone		ND	ND	ND	ND	ND	ND
2-Naphthylamine		ND	ND	ND	ND	ND	ND
2-Picoline		ND	ND	ND	ND	ND	ND
3-Nitroaniline		ND	ND	ND	ND	ND	ND
4-Nitrophenol		ND	ND	ND	ND	ND	ND
4-Aminobiphenyl		ND	ND	ND	ND	ND	ND
Hexachloroethane		ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene		ND	ND	ND	ND	ND	ND
Pentachlorophenol		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2
	Sample Collection Date:	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95
Acenaphthene		0.14	ND	ND [ND]	ND	ND	ND	0.16	ND	0.13
Acenaphthylene		2.0	ND	0.27 [0.18]	ND	0.075	ND	1.1	ND	0.22
Acetophenone		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
Aniline		ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.35
Anthracene		0.76	ND	0.076 [ND]	0.16	ND	ND	0.74	ND	0.56
Benzo(a)anthracene		1.9	0.19	0.21 [0.14]	0.45	ND	ND	2.6	ND	2.8
Benzo(b)fluoranthene		3.1	0.14	0.41 [0.30]	1.5	ND	ND	3.0	ND	4.5
Benzo(k)fluoranthene		1.2	0.059	0.15 [0.097]	0.50	ND	ND	1.1	ND	1.6
Benzo(ghi)perylene		1.6	NA	0.16 [0.11]	0.43	ND	ND	0.84	ND	1.2
Benzo(a)pyrene		3.1	0.078	0.32 [0.22]	0.57	ND	ND	2.7	ND	2.9
Bis(2-ethylhexyl)phthalate		0.11	0.22	0.070 [0.077]	0.26	0.055	0.043	0.26	ND	0.072
Chrysene		2.1	0.060	0.21 [0.16]	0.37	ND	ND	2.7	ND	2.8
Dibenzofuran		0.076	ND	ND [ND]	ND	ND	ND	0.097	ND	0.11
Di-n-butyl phthalate		2.3	0.44	0.73 [0.56]	0.56	0.40	0.42	0.71	1.1	0.72
Dibenz(a,h)anthracene		ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.12
1,3-Dichlorobenzene		ND	0.28	ND [ND]	0.25	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	2.6	ND [ND]	0.57	ND	ND	ND	ND	ND
2,4-Dimethylphenol		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
Fluoranthene		1.9	0.13	0.25 [0.17]	0.58	ND	ND	2.7	ND	3.1
Fluorene		ND	0.17	ND [ND]	0.12	ND	ND	0.36	ND	0.15

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2
	Sample Collection Date:	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95	6/95
Indeno(1,2,3-cd)pyrene		1.1	ND	0.12 [0.077]	0.38	ND	ND	0.67	ND	1.1
2-Methylphenol(o-Cresol)		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene		0.16	0.10	0.069 [ND]	ND	ND	ND	0.10	ND	0.064
Naphthalene		0.24	0.17	0.20 [0.13]	0.11	0.039	ND	0.17	ND	0.15
Pentachlorobenzene		ND	ND	ND [ND]	ND	ND	ND	ND	ND	0.34
Phenanthrene		1.2	0.35	0.19 [0.13]	0.69	ND	ND	1.9	ND	1.9
Pyrene		4.6	0.57	0.43 [0.32]	0.28	ND	ND	4.9	ND	3.1
1,2,4,5-Tetrachlorobenzene		ND	ND	ND [ND]	0.11	ND	ND	ND	ND	3.5
1,2,4-Trichlorobenzene		ND	ND	0.093 [0.062]	2.2	ND	ND	ND	ND	0.77

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1				NS-2		
	Sample Depth (Feet):	0-4	4-8	8-12	12-16	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89	8/89	8/89	8/89	8/89
Acenaphthylene		0.51 J	0.48 J	ND	NA	0.18 J	1.8 J	ND
Anthracene		ND	ND	ND	NA	ND	0.54 J	ND
Benzo(a)anthracene		ND	ND	ND	NA	0.16 J	1.1 J	ND
Benzo(b)fluoranthene		0.58 J	0.47 J	ND	NA	0.14 J	1.1 J	ND
Benzo(k)fluoranthene		0.47 J	0.49 J	ND	NA	0.13 J	1.1 J	ND
Benzo(a)pyrene		0.56 J	0.41 J	ND	NA	0.2 J	1.4 J	ND
Benzo(g,h,i)perylene		ND	ND	ND	NA	ND	1.6 J	ND
Bis(2-ethylhexyl)phthalate		ND	ND	0.14 J	NA	ND	ND	ND
Chrysene		ND	ND	ND	NA	0.16 J	1.2 J	ND
Dibenzo(a,h)anthracene		ND	ND	ND	NA	ND	ND	ND
Fluoranthene		ND	ND	ND	NA	0.24 J	1.1 J	ND
Indeno(1,2,3-cd)pyrene		0.44 J	0.35 J	ND	NA	0.11 J	1.1 J	ND
Phenanthrene		ND	ND	ND	NA	0.21 J	0.69 J	ND
Pyrene		ND	ND	ND	NA	0.38 J	1.8 J	ND
1,2,4-Trichlorobenzene		1.7 J	2.5 J	ND	NA	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-3			NS-4		
	Sample Depth (Feet):	0-4	4-8	8-12	0-4	4-8	8-12
	Sample Collection Date:	8/89	8/89	8/89	8/89	8/89	8/89
Acenaphthylene		ND	2.9 J	ND	ND	ND	ND
Anthracene		ND	0.85 J	ND	ND	ND	ND
Benzo(a)anthracene		0.58 J	2.2 J	ND	ND	ND	ND
Benzo(b)fluoranthene		0.42 J	2.1 J	ND	ND	ND	ND
Benzo(k)fluoranthene		ND	ND	ND	ND	ND	ND
Benzo(a)pyrene		0.55 J	1.8 J	ND	ND	ND	ND
Benzo(g,h,i)perylene		ND	2.1 J	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate		ND	ND	0.098 J	ND	0.14 J	0.28 J
Chrysene		0.48 J	1.7 J	ND	ND	ND	ND
Dibenzo(a,h)anthracene		ND	0.57 J	ND	ND	ND	ND
Fluoranthene		0.78 J	1.5 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ND	1.6 J	ND	ND	ND	ND
Phenanthrene		0.71 J	0.66 J	ND	ND	ND	ND
Pyrene		0.91	3.2 J	ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte / Boring ID.:	NS-34	NS-35	NS-36	NS-37	J9-23-7-4	J9-23-7-5	NS-153-C3
Sample Depth (Feet):	8-10	6-8	10-12	10-12	2-4	1-2	1-2
Sample Collection Date:	11/13/96	11/12/96	11/14/96	11/15/96	11/20/96	11/20/96	11/20/96
1,2,4-Trichlorobenzene	0.650 J	ND	ND	ND	ND	ND	ND
Acetophenone	0.160 J	ND	ND	0.063 BJ	ND	0.61	ND
Anthracene	ND	ND	ND	ND	ND	0.47	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	2.4	1.4
Benzo(a)pyrene	ND	ND	ND	ND	ND	2.6	1.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	2.2	1.4
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	1.6	1.1
Benzo(k)fluoranthene	ND	ND	ND	0.063 JX	ND	3.0	1.5
Bis(2-ethylhexyl)phthalate	0.200 J	0.061 J	0.069 BJ	0.051 BJ	0.59	0.43	ND
Chrysene	ND	ND	ND	0.045 J	ND	3.0	1.7
Di-n-butylphthalate	0.280 J	0.260 J	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	0.53	ND
Fluoranthene	ND	ND	ND	0.050 J	ND	5.7	3.2
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	1.4	0.93
Phenanthrene	ND	ND	ND	ND	ND	2.4	1.6
Pyrene	ND	ND	ND	0.059 J	0.43	5.2	3.1

(See Notes on Page 16)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF SVOCs DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Notes:

1. 1989-1991 Samples were collected by Geraghty & Miller, Inc., and submitted to Compuchem Laboratories for analysis. 1995-1996 samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Maximillian Technologies or Quanterra, Inc., for analysis.
2. Samples were analyzed for Appendix IX+3 Semivolatile Organic Constituents (SVOCs). Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. J - Indicates an estimated value less than the CLP-required quantitation limit.
6. X - Indicates coeluting indistinguishable isomers.
7. E - The compound concentration exceeded the calibration range of the GC/MS instrument for that specific analysis.
8. D or DL - Indicates that analysis was performed at a secondary dilution factor.
9. RE - Indicates a re-extraction and re-analysis.

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10**	NS-11	NS-12
	Sample Depth (Feet):	18-20	18-20	2-4	4-6	12-14	12-14	14-16	10-12	10-12	8-10	14-16
	Sample Collection Date:	05/23/91	11/12/91	05/22/91	11/12/91	05/21/91	10/25/91	10/25/91	11/15/91	11/15/91	12/10/91	05/22/91
Aluminum		7,480	8,300	8,140	10,700	11,400	8,620	8,830	7,400	7,750	9,180 S	10,200
Antimony		ND	ND	ND	7.9 N	ND	ND	ND	ND	ND	13.9 J*N	ND
Arsenic		3.1 N	4.0 N	2.9	10.2 AN	7.1	3.4 AN	4.7	1.5 S	2.4 S	8.6 A	1.4
Barium		17.2 J*	24.3 J*	246 S	152	670 S	27.4	17 J*	10.6 J*NS	63.2 NS	240	31 S
Beryllium		0.16 J*	0.19 J*	0.20 J*	0.29 J*	0.55 J*	0.21 J*	ND	0.21 J*	0.33 J*	0.57 J*	0.25 J*
Cadmium		ND	ND	1.2	5.6	ND	ND	ND	ND	ND	2.6	ND
Calcium		7,820	4,700	21,500 E	25,000	1,420 E	23,300	9,840 S	707 ES	2,010 ES	9,190 E	25,500 E
Chromium		8.9	10.9	25.4	62.4	19.7	9.2	10	6.9 ENS	13.3 ENS	106	10.2
Cobalt		9.6	11.2	8.7	11.9	11.3	9.2	13.2	7.6 S	6.2 S	13.9	9.1
Copper		37.8	33.5	193	1,060	233	20.9	62.8 NS	36.9 S	336 S	980 N	17.3
Iron		16,800	18,700 E	18,300 E	28,400 E	23,100 E	19,400	21,200 E	15,600 ES	20,400 ES	32,600 S	20,600 E
Lead		21.1 A	20.7	271 S	520 N	235 S	13.8 A	64.5 N	33.2 E	469 E	968 S	2.4 AS
Magnesium		5,750	4,640	12,000	11,000	3,840	14,300	7,620 S	3,190	3,070	4,300	17,000
Manganese		422	413	405 ES	875	195 ES	415	668	177 ES	198 ES	473 NS	368 ES
Mercury		ND	ND	4.6	3.3 NS	0.16	ND	ND	ND	ND	3.7	ND
Nickel		18.1	18.1	19.3	45	27.6	17.3	19.7	16.5 NS	15.2 NS	70.2	17.6
Potassium		528 J*	590 J*	484 J*	816	649 J*	1,040	307 J*	325 J*	458 J*	567 J*	1,150
Selenium		ND	0.62 J*WN	ND	ND	ND	ND	ND	ND	0.50 J*N	ND	ND
Silver		ND	ND	ND	1.4 S	ND	ND	ND	ND	ND	3.4 N	ND
Sodium		74.3 J*	140 J*	268 J*	280 J*	368 J*	192 J*	171 J*	97.4 J*	195 J*	451 J*	76.5 J*
Vanadium		7.1	9.3	17.1	12.4	19.2	8.6	8.3	7.2	9.0	21.9	13.7
Zinc		57.3	77.9 E	986 E	806 E	216 E	65.1	86.7 E	66.1 ES	275 ES	1,300	59.4 E

(See Notes on Page 5)

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	14-16	12-14	0-2	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Aluminum		2,690	7,230	6,920	7,110	9,450	6,920	12,400 S	13,500 S	7,470 S
Antimony		ND	ND	ND	ND	ND	ND	ND	ND	11.1 J*N
Arsenic		2.6	3.3 N	3.8	4.6 A	7.9	3.7	37.4 A	4.9	4.5
Barium		54.9 S	34	46.5 S	40.7 S	35.6 S	93.4 S	37.5 J*	20.6 J*	22.0 J*
Beryllium		ND	ND	0.32 J*	0.26 J*	0.30 J*	0.24 J*	ND	ND	ND
Cadmium		ND	ND	0.58 J*	ND	ND	0.94	ND	ND	ND
Calcium		427 J*E	1,320	6,450 E	6,040 E	7,830 E	4,070 E	1,680 E	7,070 E	639 J*E
Chromium		8.2	9.2	23.5	16.8	9.3	25.5	13	15.2	9.0
Cobalt		2.9 J*	9.2	7.4	7.8	11.6	7.4	14.4	15.2	10.9 J*
Copper		1,440	68.4	81.4	23.1	17.8	184	22.7 N	39.1 N	45.5 N
Iron		5,410 E	18,300	15,200 E	15,200 E	24,400 E	15,400 E	32,500 S	30,600 S	18,000 S
Lead		108 S	32.1	60.2 S	50.2 S	15.3 S	123 S	8.9 S	65.4 S	22.5 AS
Magnesium		969	3,060	6,350	6,310	6,490	4,840	5,050	8,790	3,200
Manganese		51.1 ES	335	324 ES	431 ES	633 ES	269 ES	1,070 NS	747 NS	299 NS
Mercury		0.26	1.1	0.10	0.22	3.0	0.35	ND	ND	ND
Nickel		16.1	17.4	13.9	13.5	19.6	16	23.9	26.1	15.6
Potassium		175 J*	348 J*	422 J*	405 J*	437 J*	446 J*	286 J*	318 J*	364 J*
Selenium		0.67 J*AN	ND	ND	ND	ND	ND	ND	ND	ND
Silver		ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium		147 J*	82.9 J*	56.6 J*	67.5 J*	50.8 J*	132 J*	108 J*	119 J*	118 J*
Vanadium		3.6 J*	7.0	12.6	12.8	15.6	12.5	12.3	12.3	8.4 J*
Zinc		196 E	63.1	98.1 E	67.0 E	82.7 E	291 E	67.5	90.2	66.7

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-23	NS-24
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-0.5	0-2
	Sample Collection Date:	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95	7/95
Antimony		0.64	0.17	1.7 [2.1]	0.78	0.51	0.81	1.7	0.62	1.2	130
Arsenic		6.5	5.2	4.0 [6.5]	8.2	2.6	2.6	4.1	5.5	5.7	26
Barium		42	260	170 [230]	200	16	4.6	76	7.5	81	580
Beryllium		0.27	0.33	0.15 [0.24]	0.27	0.22	0.73	0.21	0.33	0.17	0.45
Cadmium		2.4	1.4	1.8 [3.0]	2.2	1.3	1.9	1.7	2.5	1.9	18
Chromium		27	9.5	11 [16]	14	7.7	8.1	13	7.2	10	210
Cobalt		11	8.1	5.1 [6.8]	16	9.8	8.1	9.4	10	6.8	25
Copper		82	26	4,100 [3,510]	110	13	4.2	250	17	49	11,000
Lead		87	25	710 [160]	4,600	5.0	5.4	210	7.2	170	12,000
Mercury		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	2.2
Nickel		18	10	34 [30]	730	12	14	14	14	14	130
Selenium		1.4	1.1	0.71 [1.3]	2.0	0.65	1.2	0.75	1.5	1.1	4.1
Silver		ND	ND	3.3 [0.45]	ND	ND	ND	ND	ND	ND	23
Thallium		ND	ND	ND [ND]	ND	ND	ND	ND	ND	ND	1.0
Tin		18	9.6	150 [91]	30	0.81	9.6	30	7.3	16	1,200
Vanadium		11	11	8.2 [13]	11	9.0	17	8.9	9.4	14	26
Zinc		410	64	620 [54]	260	42	53	130	45	190	3,000

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID:	NS-34	NS-35	NS-36	NS-37	J9-23-7-4	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	8-10	6-8	10-12	10-12	2-4	1-2	1-2
	Sample Collection Date:	11/13/96	11/12/96	11/14/96	11/15/96	11/20/96	11/20/96	11/20/96
Antimony		8.8 J*N	3.7 J*N	ND	ND	ND	ND	ND
Arsenic		12.1	3.2	7.9	2.5	4.9	9.9	8.5
Barium		243	11.6 J*	10.9 J*E	39.4	17.2 J*	20.1 J*	21.0 J*
Beryllium		1.4 J*	0.13 J*	0.18 J*	0.32 J*	0.24 J*	0.14 J*	0.25 J*
Cadmium		ND	ND	0.33 J*N	0.50 J*N	ND	ND	ND
Chromium		40.5	4.7	17.3 E	11.0	10	7.7	8.0
Cobalt		36.1	15.1	20.3 E	7.5	8.2	6.3	7.2
Copper		192 N*	20.9 N*	35.3	37.7 N	11.5 N	9.4 N	20.2 N
Lead		46.5 E*	13.5 E*	12.8 E	55.0	15.7	27.4	27.3
Mercury		0.15 J*	ND	0.12 J*	0.07 J*	0.08 J*	0.10 J*	0.07 J*
Nickel		53.6	11.8	32.3	12.9	15.5	6.8	15.0
Selenium		2.6	0.32 J*	ND	0.64 J*	0.82	0.98	0.70
Silver		1.8 J*	ND	ND	ND	ND	ND	ND
Acid Volatile Sulfide		ND	297	ND	345	ND	ND	1350
Tin		ND	ND	ND	ND	ND	ND	ND
Vanadium		46.5	4.9 J*	11.8 E	8.4	10.5	13.0	7.4
Zinc		407 E	63.7 E	89.8 E	97.3 E	50.1 E	34.3 E	68.8 E

(See Notes on Page 5)

TABLE 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF METALS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Notes:

1. Samples were collected by Geraghty & Miller, Inc. and Blasland, Bouck & Lee, Inc. and submitted to CompuChem Laboratories, or MTI for analysis of Appendix IX metals.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound analyzed for but not detected.
5. S - Indicates sample matrix duplicate was outside control limits.
6. A - Results reported from single-point method-of-standard addition calculation.
7. J* - Indicates the reported value is less than the CLP-required detection limit (CRDL), but greater than the instrument detection limit (IDL).
8. E - Indicates the reported value is estimated because of the presence of interference.
9. N - Indicates sample matrix spike analysis was outside control limits.
10. Q - Indicates severe physical or chemical interference in the sample matrix.
11. W - Indicates slight matrix-related interference for the analyte.

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-2A	NS-5	NS-6	NS-8	NS-9	NS-9	NS-10	NS-10**	NS-11
	Sample Depth (Feet):	18-20	18-20	2-4	4-6	12-14	12-14	14-16	10-12	10-12	8-10
	Sample Collection Date:	05/23/91	11/12/91	05/22/91	11/12/91	05/21/91	10/25/91	10/25/91	11/15/91	11/15/91	12/10/91
Phenols		ND	0.31	0.19	0.35	0.42	ND	0.3/0.34	1.0	0.29	1.2
Cyanide		ND	ND	0.63	ND	ND	ND	ND	ND	ND	0.99
Sulfide		ND	ND	13.0	ND	ND	ND	15.4	38.9	ND	ND
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	ND	NA	ND	NA	NA	NA	0.12	ND	NA

Analyte	Boring ID.:	NS-12	NS-13	NS-14	RB-6	RB-6	RB-7	RB-7	GE-9	GE-10	GE-11
	Sample Depth (Feet):	14-16	14-16	12-14	0-2	2-4	0-2	2-4	8-10	10-12	10-12
	Sample Collection Date:	05/22/91	05/21/91	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91	12/12/91	12/11/91	12/12/91
Phenols		1.3	2.0	0.13	0.67	0.2	0.43	0.32	ND	ND	ND
Cyanide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide		ND	ND	ND	23.2	ND	ND	ND	ND	ND	ND
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(See Notes on Page 3)

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19	NS-20	NS-21	NS-22	NS-24	RB-8-3
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8	4-6	4-6	6-8	0-2	0-0.5
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95	06/12/95	06/15/95	06/15/95	06/13/95	06/21/95
Phenols		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	5.8	<4.0	<4.0	<4.0
Sulfide		<200	<200	<200	<200	<200	<200	<200	<200	<200	<10
TOC		NA	NA	NA	NA	NA	NA	NA	NA	NA	7.9
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Analyte	Boring ID.:	RB-8-3	RB-8-6	RB-8-6	RB-8-9	RB-8-9	NS-35	NS-34	NS-36	NS-37	J9-23-7-4
	Sample Depth (Feet):	0.5-1	0-0.5	0.5-1	0-0.5	0.5-1	6-8	8-10	10-12	10-12	2-4
	Sample Collection Date:	7/95	7/95	7/95	7/95	7/95	11/12/96	11/13/96	11/14/96	11/15/96	11/20/96
Phenols		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Sulfide		NA	NA	NA	NA	NA	297	ND	ND	345	ND
TOC		8.1	15	10	30	14	NA	NA	NA	NA	NA
Organophosporus Pesticides											
Sulfotepp		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

(See Notes on Page 3)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PHENOLS, CYANIDE, SULFIDE, TOC AND ORGANOPHOSPHORUS PESTICIDES
DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	1-2	1-2
	Sample Collection Date:	11/20/96	11/20/96
Phenols		NA	NA
Cyanide		ND	ND
Sulfide		ND	1350
TOC		NA	NA
Organophosporus Pesticides			
Sulfotepp		NA	NA

Notes:

1. 1991 samples were collected by Geraghty & Miller, Inc., and submitted to CompuChem Laboratories for analysis of Appendix IX phenols and organophosphorus pesticides, as well as cyanide and sulfide. 1995 and 1996 samples were collected by Blasland, Bouck & Lee, Inc. and submitted to GTEL Environmental Laboratories, Inc. and/or Quanterra Environmental Services for cyanide, sulfide and total organic carbon analyses.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. NA - Not analyzed.
6. 0.3/0.34 - Indicates laboratory duplicate analyses.

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	GE-9	GE-10	GE-11	NS-9	NS-9
	Sample Depth (Feet):	8-10	10-12	10-12	12-14	14-16
	Sample Collection Date:	12/12/91	12/11/91	12/12/91	10/25/91	10/25/91
TCDD		ND	ND	ND	ND	ND
PeCDD		ND	ND	ND	ND	ND
HxCDD		ND	ND	ND	ND	ND
HpCDD		ND	ND	ND	ND	ND
OCDD		ND	ND	0.000065	ND	0.000061
2,3,7,8 TCDF		ND	ND	0.00013	ND	0.00007
TCDF		ND	ND	0.00072	ND	0.00035
PeCDF		ND	ND	0.00078	ND	0.00044
HxCDF		ND	0.000033	0.00078	ND	0.0004
HpCDF		ND	ND	0.00033	ND	M(0.000089)
OCDF		ND	ND	0.00019	ND	0.00011

(See Notes on Page 11)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-10	NS-10††	NS-11	NS-2A	NS-6
	Sample Depth (Feet):	10-12	10-12	8-10	18-20	4-6
	Sample Collection Date:	11/15/91	11/15/91	12/10/91	11/12/91	11/12/91
TCDD		ND,ND	ND,ND	ND,ND,ND	ND	ND, M(0.00024)
PeCDD		ND,ND	ND,ND	ND,ND,ND	ND	0.0011, M(0.0011)
HxCDD		ND,ND	ND,ND	0.00069,M(0.001), 0.0013	M(0.00011)	0.0025, 0.0028
HpCDD		0.00013, ND	ND,ND	0.0011, M(0.003), 0.002	M(0.000067)	0.0022, 0.0027
OCDD		0.00023 0.000078	0.00037, ND	0.0028, 0.0070, 0.0057	0.00011	0.0016, 0.0019
2,3,7,8 TCDF		ND,ND	ND,ND	0.0019, 0.0047, 0.0029	0.0002	0.0061, 0.0089
TCDF		ND,ND	ND,ND	0.019, 0.0217, 0.0145	0.00098	0.0208,0.0366
PeCDF		M(0.00016),0.000083	M(0.00016), ND	0.0074,0.0257, 0.0116	0.0018	0.0327, 0.0484
HxCDF		0.0011, 0.00044	0.0016. 0.0014	0.0098, 0.0207, 0.0183	0.0016	0.0376, 0.0464
HpCDF		0.0029, 0.00096	0.0045, 0.0038	0.0058,0.0121, 0.011	0.00054	0.0165, 0.0205
OCDF		0.0009, 0.00032	0.0015, M(0.0012)	0.0027, 0.0091, 0.0064	0.00033	0.0101, 0.0123

(See Notes on Page 11)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-1A	NS-5	NS-7	NS-8	NS-12	NS-13
	Sample Depth (Feet):	18-20	2-4	14-16	12-14	14-16	14-16
	Sample Collection Date:	05/23/91	05/22/91	05/24/91	05/21/91	05/22/91	05/21/91
TCDD		ND	ND	ND	ND	ND	ND
PeCDD		ND	ND	0.000076	ND	M(0.00023)	0.001
HxCDD		ND	ND	0.00016	ND	0.0015	0.0053
HpCDD		ND	0.00040	0.00028	ND	0.0028	0.0067
OCDD		0.00024	0.00059	0.00024	M(0.0003)	0.0177	0.0239
2,3,7,8 TCDF		0.00016	0.00037	0.0012	0.001	0.00013	0.0012
TCDF		0.00084	0.00070	0.0053	0.0056	0.001	0.0091
PeCDF		0.0021	0.0018	0.004	0.0136	0.0046	0.0383
HxCDF		0.0032	0.0042	0.0035	0.024	0.0099	0.139
HpCDF		0.0011	0.0019	0.0017	0.0082	0.0059	0.0974
OCDF		0.00039	0.00081	0.0011	0.0034	0.0026	0.0892

(See Notes on Page 11)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-14	RB-6	RB-6	RB-7	RB-7
	Sample Depth (Feet):	12-14	0-2	2-4	0-2	2-4
	Sample Collection Date:	05/24/91	05/21/91	05/21/91	05/21/91	05/21/91
TCDD		ND	ND	ND	0.00034	0.000083
PeCDD		ND	ND	ND	M(0.00089)	ND
HxCDD		0.00044	ND	ND	0.0035	0.00096
HpCDD		0.001	ND	ND	0.0028	0.00077
OCDD		0.0043	0.00047	ND	0.0016	0.00058
2,3,7,8 TCDF		0.000060	0.0001	ND	0.0217	0.0014
TCDF		0.00037	0.00066	ND	0.134	0.0085
PeCDF		0.00057	0.00049	ND	0.19	0.0154
HxCDF		0.0022	0.0007	ND	0.188	0.0126
HpCDF		0.002	0.00052	ND	0.0599	0.0042
OCDF		0.00075	0.00031	ND	0.0192	0.0017

(See Notes on Page 11)

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GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95
2,3,7,8-TCDD		ND	0.000062	ND, [ND]	ND	ND
Total TCDD		ND	0.0017	ND [ND]	ND	ND
1,2,3,7,8-PeCDD		ND	0.000094	ND [ND]	ND	ND
Total PeCDD		ND	0.0014	ND [ND]	ND	ND
1,2,3,4,7,8-HxCDD		ND	0.00051	ND [ND]	ND	ND
1,2,3,6,7,8-HxCDD		ND	0.00033	ND [ND]	ND	ND
1,2,3,7,8,9-HxCDD		ND	0.00035	ND [ND]	ND	ND
Total HxCDD		0.000024	0.0067	0.000094 [0.000015]	ND	ND
1,2,3,4,6,7,8-HpCDD		0.000024	0.0070	0.000079 [0.000066]	0.000027	0.000011
Total HpCDD		0.000047	0.014	0.00015 [0.00012]	0.000051	0.000019
OCDD		0.000054	0.11	0.00034 [0.0010]	0.00012	0.000064
2,3,7,8-TCDF		0.00012	0.00049	0.00022 [0.00019]	0.000091	ND
Total TCDF		0.00083	0.15	0.0028 [0.0022]	0.00085	0.000052
1,2,3,7,8-PeCDF		0.00026	0.00098	0.00018 [0.00018]	0.000069	ND
1,3,4,7,8-PeCDF		0.00028	0.00052	0.00028 [0.00026]	0.00020	0.000051
Total PeCDF		0.0018	0.24	0.0077 [0.0049]	0.0017	0.00024

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	4-6	4-6	6-8	0-2
	Sample Collection Date:	06/12/95	06/05/95	06/15/95	06/13/95
2,3,7,8-TCDD		ND	ND	ND	ND
Total TCDD		ND	ND	ND	0.00016
1,2,3,7,8-PeCDD		ND	ND	ND	ND
Total PeCDD		ND	ND	ND	ND
1,2,3,4,7,8-HxCDD		ND	ND	ND	0.000024
1,2,3,6,7,8-HxCDD		ND	ND	ND	0.000051
1,2,3,7,8,9-HxCDD		ND	ND	ND	0.000017
Total HxCDD		ND	ND	ND	0.00038
1,2,3,4,6,7,8-HpCDD		ND	0.000018	ND	0.00032
Total HpCDD		ND	0.000036	ND	0.00075
OCDD		ND	0.00010	ND	0.00043
2,3,7,8-TCDF		ND	0.000043	ND	0.0036
Total TCDF		ND	0.00040	ND	0.018
1,2,3,7,8-PeCDF		ND	0.000040	ND	0.0027
1,3,4,7,8-PeCDF		ND	0.000087	ND	0.0035
Total PeCDF		ND	0.0024	ND	0.020

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-15	NS-16	NS-17	NS-18	NS-19
	Sample Depth (Feet):	6-8	8-10	2-4	6-8	6-8
	Sample Collection Date:	06/16/95	06/13/95	06/14/95	06/14/95	06/14/95
1,2,3,4,7,8-HxCDF		0.00034	0.0091	0.00057 [0.00050]	0.00056	0.00020
1,2,3,6,7,8-HxCDF		0.00018	0.0015	0.0019 [0.00097]	0.00034	0.000076
2,3,4,6,7,8-HxCDF		0.000033	0.0019	0.00027 [0.00019]	0.00014	0.000042
1,2,3,7,8,9-HxCDF		0.0000078	0.0038	0.000069, [0.000027]	0.000037	0.000058
Total HxCDF		0.00072	0.21	0.0073 [0.0046]	0.0024	0.00059
1,2,3,4,6,7,8-HpCDF		0.00026	0.016	0.00090 [0.00070]	0.00043	0.000068
1,2,3,4,7,8,9-HpCDF		0.000040	0.0066	0.00015 [0.00015]	0.00017	0.000057
Total HpCDF		0.00035	0.089	0.0019 [0.0015]	0.00093	0.00019
OCDF		0.00014	0.012	0.00063 [0.00084]	0.00046	0.000048

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-20	NS-21	NS-22	NS-24
	Sample Depth (Feet):	4-6	4-6	6-8	0-2
	Sample Collection Date:	06/12/95	06/05/95	06/15/95	06/13/95
1,2,3,4,7,8-HxCDF		ND	0.00042	ND	0.0064
1,2,3,6,7,8-HxCDF		ND	0.000036	ND	0.0021
2,3,4,6,7,8-HxCDF		ND	0.000087	ND	0.00060
1,2,3,7,8,9-HxCDF		ND	ND	ND	0.00012
Total HxCDF		ND	0.0024	ND	0.015
1,2,3,4,6,7,8-HpCDF		ND	0.00014	ND	0.0035
1,2,3,4,7,8,9-HpCDF		ND	0.000016	ND	0.00084
Total HpCDF		ND	0.00061	ND	0.0054
OCDF		ND	0.000066	ND	0.0026

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	NS-35	NS-34	NS-36	NS-37
	Sample Depth (Feet):	6-8	8-10	10-12	10-12
	Sample Collection Date:	11/12/96	11/13/96	11/14/96	11/15/96
1,2,3,4,6,7,8-HpCDD		0.0000078 J**	0.000026	ND	0.0000071 J**
1,2,3,4,6,7,8-HpCDF		0.000061	0.00029	0.0000066 J**	0.000066
1,2,3,4,7,8,9-HpCDF		0.000013	0.00015	ND	0.000016
1,2,3,4,7,8-HxCDF		0.000070	0.00053	0.0000075 J**	0.000098
1,2,3,6,7,8-HxCDF		0.000033	0.00020	ND	0.000047
1,2,3,7,8,9-HxCDD		ND	0.0000070 J**	ND	ND
1,2,3,7,8,9-HxCDF		ND	0.000018	ND	ND
1,2,3,7,8-PeCDF		0.000023	0.000096	ND	0.000047
2,3,4,6,7,8-HxCDF		0.0000091 J**	0.00013 w	ND	0.000015
2,3,4,7,8-PeCDF		0.000024	0.00014	ND	0.000047
2,3,7,8-TCDF		0.000037 g	0.00016 g	0.0000047 g	0.000076 g
HpCDDs (total)		0.000015	0.000052	ND	0.000014
HpCDFs (total)		0.00011	0.00063	0.0000066	0.00010
HxCDDs (total)		ND	0.000052	ND	ND
HxCDFs (total)		0.00022	0.0015	0.000027	0.00025
OCDD		0.000030	0.000058	ND	0.000013 J**
OCDF		0.000044	0.00023	ND	0.000038
PeCDFs (total)		0.00031	0.0013	0.000019	0.00045
TCDDs (total)		0.0000029	0.000014	ND	0.0000050
TCDFs (total)		0.00029	0.0012	0.000025	0.00055

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Analyte	Boring ID.:	J9-23-7-4	J9-23-7-5	NS-153-C3
	Sample Depth (Feet):	2-4	1-2	1-2
	Sample Collection Date:	11/20/96	11/20/96	11/20/96
1,2,3,4,6,7,8-HpCDD		ND	0.0000081 J**	ND
1,2,3,4,6,7,8-HpCDF		ND	0.0000088 J**	0.0000094 J**
1,2,3,4,7,8,9-HpCDF		ND	ND	ND
1,2,3,4,7,8-HxCDF		ND	0.0000066 J**	ND
1,2,3,6,7,8-HxCDF		ND	ND	ND
1,2,3,7,8,9-HxCDD		ND	ND	ND
1,2,3,7,8,9-HxCDF		ND	ND	ND
1,2,3,7,8-PeCDF		ND	ND	ND
2,3,4,6,7,8-HxCDF		ND	ND	ND
2,3,4,7,8-PeCDF		ND	ND	ND
2,3,7,8-TCDF		0.0000054 g	0.0000074 g	0.0000078 g
HpCDDs (total)		ND	0.000021	ND
HpCDFs (total)		ND	0.000022	0.000019
HxCDDs (total)		ND	ND	ND
HxCDFs (total)		ND	0.000055	0.000071
OCDD		0.000012 J**	0.000046	0.000013 J**
OCDF		ND	ND	ND
PeCDFs (total)		0.0000089	0.000047	0.000085
TCDDs (total)		ND	ND	ND
TCDFs (total)		0.000042	0.000067	0.000074

(See Notes on Page 11)

TABLE 4-10

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP SUPPLEMENTAL PHASE II/RCRA FACILITY INVESTIGATION REPORT
FOR NEWELL STREET PARKING LOT/USEPA AREA 5B

SUMMARY OF PCDD/PCDF COMPOUNDS DETECTED IN SOIL BORING SAMPLES
(Results are presented in dry-weight parts per million, ppm)

Note:

1. 1991 samples were collected by Geraghty & Miller, Inc., and submitted to CompuChem Laboratories for analysis of Appendix IX polychlorinated dibenzo-p-dioxi polychlorinated dibenzofurans (PCDFs). 1995 and 1996 samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Atla Analytical Laboratory, Inc. Quanterra Environmental Services for analysis of PCDDs and PCDFs.
2. Only analytes detected in at least one sample are shown.
3. ** - Field duplicate sample.
4. ND - Compound was analyzed for, but not detected.
5. M(0.00024) - Analyte presence was noted, but not at a level that the laboratory could provide a definitive identification or quantity. The number in parentheses is the detection limit.
6. Multiple results for a particular sample (1991 samples) indicates multiple extractions and analyses were performed for quality control reasons.
7. Duplicate results are shown in brackets.
8. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
9. W - Estimated maximum possible concentration.
10. J** - Indicates an estimated value below the lower calibration limit, but above the target detection limit.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
ate Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
CETONE	20	3200 U	UG/KG
.CETONITRILE	100	16000 U	UG/KG
ACROLEIN	100	16000 U	UG/KG
CRYLONITRILE	100	16000 U	UG/KG
LLYL CHLORIDE	5.0	790 U	UG/KG
BENZENE	5.0	790 U	UG/KG
PROMODICHLOROMETHANE	5.0	790 U	UG/KG
ROMOFORM	5.0	790 U	UG/KG
BROMOMETHANE	5.0	790 U	UG/KG
2-CHLORO-1,3-BUTADIENE	5.0	790 U	UG/KG
-BUTANONE (MEK)	10	1600 U	UG/KG
RANS-1,4-DICHLORO-2-BUTENE	5.0	790 U	UG/KG
CARBON DISULFIDE	10	1600 U	UG/KG
CARBON TETRACHLORIDE	5.0	790 U	UG/KG
HLOROBENZENE	5.0	790 U	UG/KG
CHLOROETHANE	5.0	790 U	UG/KG
2-CHLOROETHYLVINYL ETHER	10	1600 U	UG/KG
HLOROFORM	5.0	790 U	UG/KG
HLOROMETHANE	5.0	790 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	790 U	UG/KG
IBROMOCHLOROMETHANE	5.0	790 U	UG/KG
,2-DIBROMOETHANE	5.0	790 U	UG/KG
DIBROMOMETHANE	5.0	790 U	UG/KG
ICHLORODIFLUOROMETHANE	5.0	790 U	UG/KG
,1-DICHLOROETHANE	5.0	790 U	UG/KG
1,2-DICHLOROETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHENE	5.0	790 U	UG/KG
RANS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
ICHLOROMETHANE	5.0	790 U	UG/KG
1,2-DICHLOROPROPANE	5.0	790 U	UG/KG
IS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
RANS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
1,4-DIOXANE	1000	160000 U	UG/KG
THYL METHACRYLATE	10	1600 U	UG/KG
THYLBENZENE	5.0	790 U	UG/KG
-HEXANONE	10	1600 U	UG/KG
IODOMETHANE	10	1600 U	UG/KG
SOBUTYL ALCOHOL	200	32000 U	UG/KG
ETHACRYLONITRILE	100	16000 U	UG/KG
METHYL METHACRYLATE	10	1600 U	UG/KG
-METHYL-2-PENTANONE(MIBK)	10	1600 U	UG/KG
ROPIONITRILE	100	16000 U	UG/KG
STYRENE	5.0	790 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	790 U	UG/KG

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
ate Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
,1,1,2-TETRACHLOROETHANE	5.0	790 U	UG/KG
ETRACHLOROETHENE	5.0	790 U	UG/KG
TOLUENE	5.0	790 U	UG/KG
,1,1-TRICHLOROETHANE	5.0	790 U	UG/KG
,1,2-TRICHLOROETHANE	5.0	790 U	UG/KG
TRICHLOROETHENE	5.0	790 U	UG/KG
TRICHLOROFLUOROMETHANE	5.0	790 U	UG/KG
,2,3-TRICHLOROPROPANE	5.0	790 U	UG/KG
VINYL ACETATE	10	1600 U	UG/KG
VINYL CHLORIDE	5.0	790 U	UG/KG
+P-XYLENE	5.0	790 U	UG/KG
-XYLENE	5.0	790 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-d8	(81 - 117 %)	96	%
IBROMOFLUOROMETHANE	(80 - 120 %)	94	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

DATE EXTRACTED : 04/16/98
DATE ANALYZED : 04/16/98
ANALYTICAL DILUTION: 1.0

ANALYTE	PQL	RESULT	UNITS
			Dry Weight
P-(DIMETHYLAMINO)AZOBENZENE	670	850 U	UG/KG
ACENAPHTHENE	330	420 U	UG/KG
ACENAPHTHYLENE	330	420 U	UG/KG
ACETOPHENONE	670	850 U	UG/KG
2-ACETYLAMINOFLUORENE	670	850 U	UG/KG
4-AMINOBIPHENYL	670	850 U	UG/KG
ANILINE	330	420 U	UG/KG
ANTHRACENE	330	420 U	UG/KG
ARAMITE	670	850 U	UG/KG
BENZIDINE	330	420 U	UG/KG
BENZO(A)ANTHRACENE	330	420 U	UG/KG
BENZO(A)PYRENE	330	420 U	UG/KG
BENZO(B)FLUORANTHENE	330	420 U	UG/KG
BENZO(G,H,I)PERYLENE	330	420 U	UG/KG
BENZO(K)FLUORANTHENE	330	420 U	UG/KG
BENZYL ALCOHOL	1300	1700 U	UG/KG
BUTYL BENZYL PHTHALATE	330	420 U	UG/KG
DI-N-BUTYL PHTHALATE	330	420 U	UG/KG
N-NITROSO-DI-N-BUTYLAMINE	670	850 U	UG/KG
INDENO(1,2,3-CD)PYRENE	330	420 U	UG/KG
P-CHLOROANILINE	330	420 U	UG/KG
CHLOROBENZILATE	670	850 U	UG/KG
BIS(2-CHLOROETHOXY)METHANE	330	420 U	UG/KG
BIS(2-CHLOROETHYL)ETHER	330	420 U	UG/KG
2-CHLORONAPHTHALENE	330	420 U	UG/KG
2-CHLOROPHENOL	670	850 U	UG/KG
2,2'-OXYBIS(1-CHLOROPROPANE)	330	420 U	UG/KG
CHRYSENE	330	420 U	UG/KG
3+4-METHYLPHENOL (M+P-CRESOL)	670	850 U	UG/KG
DIALLATE	670	850 U	UG/KG
DIBENZ(A,H)ANTHRACENE	330	420 U	UG/KG
DIBENZOFURAN	670	850 U	UG/KG
1,3-DICHLOROBENZENE	330	420 U	UG/KG
1,2-DICHLOROBENZENE	330	420 U	UG/KG
1,4-DICHLOROBENZENE	330	420 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	420 U	UG/KG
2,4-DICHLOROPHENOL	670	850 U	UG/KG
2,6-DICHLOROPHENOL	670	850 U	UG/KG
DIETHYL PHTHALATE	330	420 U	UG/KG
DIMETHOATE	670	850 U	UG/KG
DIMETHYL PHTHALATE	330	420 U	UG/KG
7,12-DIMETHYLBENZ(A)ANTHRACENE	670	850 U	UG/KG
3,3'-DIMETHYLBENZIDINE	330	420 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/16/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
A,A-DIMETHYLPHENETHYLAMINE	670	850 U	UG/KG
2,4-DIMETHYLPHENOL	670	850 U	UG/KG
1,3-DINITROBENZENE	670	850 U	UG/KG
2,4-DINITROPHENOL	3300	4200 U	UG/KG
2,4-DINITROTOLUENE	330	420 U	UG/KG
2,6-DINITROTOLUENE	330	420 U	UG/KG
DIPHENYLAMINE	670	850 U	UG/KG
1,2-DIPHENYLHYDRAZINE	330	420 U	UG/KG
N-NITROSO-N-DIPROPYLAMINE	330	420 U	UG/KG
DISULFOTON	670	850 U	UG/KG
ETHYL METHANESULFONATE	670	850 U	UG/KG
ETHYL PARATHION	670	850 U	UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	330	420 U	UG/KG
FLUORANTHENE	330	420 U	UG/KG
FLUORENE	330	420 U	UG/KG
HEXACHLOROBENZENE	330	420 U	UG/KG
HEXACHLOROBUTADIENE	330	420 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	420 U	UG/KG
HEXACHLOROETHANE	330	420 U	UG/KG
HEXACHLOROPHENE	670	850 U	UG/KG
HEXACHLOROPROPENE	670	850 U	UG/KG
ISODRIN	670	850 U	UG/KG
ISOPHORONE	330	420 U	UG/KG
ISOSAFROLE	670	850 U	UG/KG
METHAPYRILENE	670	850 U	UG/KG
METHYL METHANESULFONATE	670	850 U	UG/KG
METHYL PARATION	670	850 U	UG/KG
3-METHYLCHOLANTHRENE	670	850 U	UG/KG
2-METHYLNAPHTHALENE	660	840 U	UG/KG
4,6-DINITRO-2-METHYLPHENOL	3300	4200 U	UG/KG
4-CHLORO-3-METHYLPHENOL	670	850 U	UG/KG
2-METHYLPHENOL	330	420 U	UG/KG
NAPHTHALENE	330	420 U	UG/KG
1,4-NAPHTHOQUINONE	670	850 U	UG/KG
1-NAPHTHYLAMINE	670	850 U	UG/KG
2-NAPHTHYLAMINE	670	850 U	UG/KG
2-NITROANILINE	1300	1700 U	UG/KG
3-NITROANILINE	1300	1700 U	UG/KG
4-NITROANILINE	3300	4200 U	UG/KG
NITROBENZENE	330	420 U	UG/KG
2-NITROPHENOL	670	850 U	UG/KG
4-NITROPHENOL	3300	4200 U	UG/KG
N-NITROSODIETHYLAMINE	330	420 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/16/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
N-NITROSODIMETHALAMINE	330	420 U	UG/KG
N-NITROSODIPHENYLAMINE	330	420 U	UG/KG
N-NITROSOMETHYLETHYLAMINE	670	850 U	UG/KG
N-NITROSOMORPHOLINE	670	850 U	UG/KG
N-NITROSOPIPERIDINE	670	850 U	UG/KG
N-NITROSOPYROLIDINE	670	850 U	UG/KG
DI-N-OCTYL PHTHALATE	330	420 U	UG/KG
4-NITROQUINOLINE-1-OXIDE	670	850 U	UG/KG
PENTACHLOROBENZENE	670	850 U	UG/KG
PENTACHLOROETHANE	670	850 U	UG/KG
PENTACHLORONITROBENZENE	670	850 U	UG/KG
PENTACHLOROPHENOL	3300	4200 U	UG/KG
PHENACETIN	670	850 U	UG/KG
PHENANTHRENE	330	420 U	UG/KG
PHENOL	670	850 U	UG/KG
P-PHENYLENEDIAMINE	670	850 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	420 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	420 U	UG/KG
PHORATE	670	850 U	UG/KG
2-PICOLINE	670	850 U	UG/KG
PRONAMIDE	670	850 U	UG/KG
PYRENE	330	420 U	UG/KG
PYRIDINE	670	850 U	UG/KG
SAFROLE	670	850 U	UG/KG
SULFOTEPP	670	850 U	UG/KG
1,2,4,5-TETRACHLOROBENZENE	670	850 U	UG/KG
2,3,4,6-TETRACHLOROPHENOL	670	850 U	UG/KG
THIONAZIN	670	850 U	UG/KG
5-NITRO-O-TOLUIDINE	670	850 U	UG/KG
O-TOLUIDINE	670	850 U	UG/KG
1,2,4-TRICHLOROBENZENE	330	420 U	UG/KG
2,4,6-TRICHLOROPHENOL	670	850 U	UG/KG
2,4,5-TRICHLOROPHENOL	670	850 U	UG/KG
O,O,O-TRIETHYL PHOSPHOROTHIOATE	670	850 U	UG/KG
1,3,5-TRINITROBENZENE	670	850 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(18 - 137 %)	61	%
NITROBENZENE-d5	(23 - 120 %)	65	%
PHENOL-d6	(24 - 113 %)	61	%
2-FLUOROBIPHENYL	(30 - 115 %)	75	%
2-FLUOROPHENOL	(25 - 121 %)	58	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C APPENDIX IX
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED	: 04/16/98			
ANALYTICAL DILUTION:	1.0			Dry Weight
2,4,6-TRIBROMOPHENOL	(19 - 122 %)		81	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8081A PART 360 EXPANDED
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ALDRIN	1.7	2.2 U	UG/KG
ALPHA-BHC	1.7	2.2 U	UG/KG
BETA-BHC	1.7	2.2 U	UG/KG
GAMMA-BHC	1.7	2.2 U	UG/KG
DELTA-BHC	1.7	2.2 U	UG/KG
ALPHA-CHLORDANE	1.7	2.2 U	UG/KG
GAMMA-CHLORDANE	1.7	2.2 U	UG/KG
4,4'-DDE	1.7	2.2 U	UG/KG
4,4'-DDT	3.3	4.2 U	UG/KG
DIELDRIN	1.7	2.2 U	UG/KG
ALPHA-ENDOSULFAN	1.7	2.2 U	UG/KG
BETA-ENDOSULFAN	3.3	4.2 U	UG/KG
ENDOSULFAN SULFATE	3.3	4.2 U	UG/KG
ENDRIN	1.7	2.2 U	UG/KG
ENDRIN ALDEHYDE	3.3	4.2 U	UG/KG
FAMPHUR	1.7	2.2 U	UG/KG
HEPTACHLOR	1.7	2.2 U	UG/KG
HEPTACHLOR EPOXIDE	1.7	2.2 U	UG/KG
KEPONE	1.7	2.2 U	UG/KG
METHOXYCHLOR	6.6	8.4 U	UG/KG
4,4'-TDE (DDD)	1.7	2.2 U	UG/KG
TOXAPHENE	33	42 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	96	%
TETRACHLORO-META-XYLENE	(30 - 150 %)	95	%

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COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8150B PART 360 EXPANDED
Reported: 05/18/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266 **Percent Solid:** 78.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/16/98			
DATE ANALYZED : 04/17/98			
ANALYTICAL DILUTION: 100.0			Dry Weight
2,4-D	1.0	130 U	UG/KG
DINOSEB	1.0	130 U	UG/KG
2,4,5-T	1.0	130 U	UG/KG
2,4,5-TP (SILVEX)	1.0	130 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
2,4-DB	(24 - 107 %)	81	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/06/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266

ANALYTE	PQL	RESULT		DRY WT. UNITS	DATE ANALYZED	ANALYTICAL DILUTION
ANTIMONY	6.00	7.62	U	MG/KG	04/16/98	1.0
ARSENIC	1.00	8.35		MG/KG	04/16/98	1.0
BARIUM	2.00	33.0		MG/KG	04/16/98	1.0
BERYLLIUM	0.500	2.64		MG/KG	04/16/98	1.0
CADMIUM	0.500	1.36		MG/KG	04/16/98	1.0
CHROMIUM	1.00	10.4		MG/KG	04/16/98	1.0
COBALT	5.00	8.61		MG/KG	04/16/98	1.0
COPPER	2.00	9.58		MG/KG	04/16/98	1.0
LEAD	5.00	7.40		MG/KG	04/16/98	1.0
MERCURY	0.150	0.191	U	MG/KG	04/17/98	1.0
NICKEL	4.00	14.4		MG/KG	04/16/98	1.0
SELENIUM	0.500	0.635	U	MG/KG	04/20/98	1.0
SILVER	1.00	1.27	U	MG/KG	04/16/98	1.0
THALLIUM	1.00	6.12		MG/KG	04/16/98	1.0
TIN	1.00	12.7	U	MG/KG	04/20/98	10.0
VANADIUM	5.00	9.22		MG/KG	04/16/98	1.0
ZINC	1.00	59.2		MG/KG	04/16/98	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/06/98

General Electric Company
Project Reference: I9-7-1 (NEWELL ST AREA II) SUBSURFACE BORINGS
Client Sample ID : I9-7-1-SB-2 (10-12')

Date Sampled : 04/07/98 **Order #:** 205864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/08/98 **Submission #:** 9804000266

ANALYTE	PQL	RESULT	DRY WT. UNITS	DATE ANALYZED	ANALYTICAL DILUTION
PERCENT SOLIDS	1.0	78.7	%	04/15/98	1.0
TOTAL CYANIDE	1.00	1.27 U	MG/KG	04/17/98	1.0
TOTAL SULFIDE	20.0	25.4 U	MG/KG	04/20/98	1.0

GENERAL ELECTRIC
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REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 4 APPIX+3 SOIL DATA
(ppm, dry weight)

Appendix IX+3 Constituents	T056-SL0517 0-0.5 9/15/98	T057-SL0136 1-1.5 8/14/98	T058-SL0521 1-1.5 9/15/98	T059-SL0135 0-0.5 8/14/98	T060-SL0525 0-0.5 9/15/98	T061-SL0140 0-0.5 8/14/98	T062-SL0527 2-2.5 9/16/98	T063-SL0142 0-0.5 8/14/98
Semivolatile Organics								
1,2,4-Trichlorobenzene	0.22 J	ND(0.55)	0.22 J	0.032 J	0.1 J	0.078 J	0.075 J	0.055 J [ND(0.38)]
1,2-Dichlorobenzene	0.15 J	ND(0.55)	0.15 J	ND(0.34)	0.08 J	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
1,3-Dichlorobenzene	0.23 J	ND(0.55)	0.22 J	ND(0.34)	0.12 J	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
1,4-Dichlorobenzene	0.21 J	ND(0.55)	0.16 J	ND(0.34)	ND(0.37)	0.057 J	ND(0.35)	0.056 J [ND(0.38)]
2-Methylnaphthalene	0.12 J	ND(0.55)	0.056 J	0.039 J	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Acenaphthene	0.053 J	ND(0.55)	0.076 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Acenaphthylene	0.047 J	ND(0.55)	0.12 J	0.067 J	ND(0.37)	ND(0.36)	0.052 J	ND(0.78) [0.040 J]
Anthracene	0.073 J	ND(0.55)	0.24 J	0.043 J	0.038 J	0.04 J	ND(0.35)	0.038 J [0.069 J]
Benzo(a)anthracene	0.53	0.11 J	1.4	0.31 J	0.2 J	0.2 J	0.19 J	0.22 J [0.24 J]
Benzo(a)pyrene	0.57	0.13 J	1.5	0.4	0.2 J	0.22 J	0.29 J	0.23 J [0.27 J]
Benzo(b)fluoranthene	0.4 J	0.093 J	1.5	0.37	0.22 J	0.21 J	0.22 J	0.2 J [0.26 J]
Benzo(g,h,i)perylene	0.44 J	0.089 J	0.9	0.3 J	0.17 J	0.18 J	0.3 J	0.2 J [0.11 J]
Benzo(k)fluoranthene	0.42 J	0.1 J	1.2	0.4	0.18 J	0.19 J	0.21 J	0.23 J [0.21 J]
bis(2-Ethylhexyl)phthalate	0.092 J	ND(0.55)	0.062 J	0.034 J	0.05 J	0.06 J	0.055 J	0.38 J [0.19 J]
Butylbenzylphthalate	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	0.038 J	ND(0.35)	0.062 J [ND(0.38)]
Chrysene	0.52	0.13 J	1.8	0.49	0.26 J	0.24 J	0.26 J	0.25 J [0.29 J]
Di-n-Butylphthalate	0.064 J	ND(0.55)	0.07 J	ND(0.34)	0.11 J	ND(0.36)	ND(0.35)	0.092 J [0.047 J]
Dibenzo(a,h)anthracene	0.15 J	ND(0.55)	0.31 J	0.086 J	0.06 J	0.058 J	0.083 J	0.07 J [0.036 J]
Dibenzofuran	ND(0.51)	ND(0.55)	0.089 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(0.38)]
Diethylphthalate	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	0.072 J [ND(0.38)]
Fluoranthene	0.91	0.26 J	5.1	0.8	0.55	0.48	0.38 J	0.46 J [0.45]
Fluorene	0.046 J	ND(0.55)	0.2 J	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [0.032 J]
Indeno(1,2,3-cd)pyrene	0.39 J	0.083 J	0.95	0.28 J	0.18 J	0.17 J	0.23 J	0.19 J [0.12 J]
Isophorone	ND(0.51)	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	0.14 J	ND(0.78) [ND(0.38)]
Naphthalene	0.42 J	ND(0.55)	0.16 J	0.079 J	0.037 J	0.044 J	0.065 J	0.053 J [ND(0.38)]
Pentachloroethane	0.14 J	ND(0.55)	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	ND(0.35)	ND(0.78) [ND(1.8)]
Phenanthrene	0.43 J	0.14 J	2.9	0.5	0.3 J	0.31 J	0.25 J	0.27 J [0.32 J]
Pyrene	0.76	0.23 J	2.9	0.97	0.43	0.45	0.42	0.52 J [0.45]
Organochlorine Pesticides								
4,4'-DDE	ND(0.26)	ND(0.28)	0.78	1.1	0.42	ND(7.4)	ND(0.36)	ND(2)
4,4'-DDT	ND(0.26)	ND(0.28)	R	ND(0.7)	ND(0.37)	ND(7.4)	R	ND(2)
Dieldrin	ND(0.26)	ND(0.28)	ND(0.37)	R	ND(0.37)	ND(7.4)	R	ND(2)
Kepone	R	R	R	R	R	R	R	R
Dioxins								
WHO TEF	4.00E-05	3.80E-05	1.30E-04	6.00E-05	3.00E-05	4.60E-05	9.70E-05	3.70E-05
Inorganics								
Antimony	ND(0.5)	1.4	0.48	0.7	ND(0.4)	0.95	ND(0.9)	0.84 [0.540 J]
Arsenic	2.7	3.5	4	3.7	4.9	2.2	2.7	2.5 [3.20]
Barium	35.6	48.9 J	47	40.6 J	50.4	25.1 J	46.2	31.5 [35.5]
Beryllium	0.24	0.28 J	0.34	0.19 J	0.22	0.17	0.17	0.18 [0.290 B]
Cadmium	ND(0.05)	ND(0.05)	ND(0.04)	ND(0.03)	ND(0.04)	ND(0.04)	0.55	ND(0.04) [ND(0.570)]
Chromium	24	20.8 J	31	10.1 J	11.8	10.5 J	17.5	12.4 J [13.8 J]
Cobalt	6.9	8.4	7.8	7.2	9.9	5.7	6.6	6.4 [7.80]
Copper	29.5	62.2	47.9	29.4	28.9	26.7	23.5	25.2 [27.9 J]
Lead	38.7	65.9 J	82.2	51.8 J	34.4	40.5 J	45	34.5 J [40.6]
Mercury	0.25	0.32	0.61	0.16	0.11	0.07	0.25	0.09 [0.0850 B]
Nickel	12	15.4 J	15.3	13.8 J	17.5	10.2 J	12.1	11.1 J [13.2]
Selenium	ND(0.51)	0.52 J	ND(0.38)	ND(0.3)	ND(0.41)	ND(0.37)	0.97 J	ND(0.37) [0.390 B]
Silver	ND(0.2)	0.68 J	1.1	ND(0.12)	ND(0.16)	0.18 J	ND(0.21)	0.2 J [0.330 B]
Thallium	ND(0.85)	0.83 J	0.99	0.88	ND(0.68)	0.75	ND(0.59)	1.1 [0.530 B]
Tin	3.7	5.1	4.1	3	1.6	3	6.7 J	2.6 [ND(11.5)]
Vanadium	10.9	15.8	13.6	14.1	14.4	9.7	10.7	11.9 [12.2]
Zinc	85.6	124	105	90.5	78.6	75.5	71.3 J	73.2 [79.9]

(See notes on Page 25)

GENERAL ELECTRIC
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REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 5 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T049-SL0124 0-0.5 8/13/98	T050-SL0490 0-0.5 9/11/98	T051-SL0127 1-1.5 8/13/98	T052-SL0512 0-0.5 9/14/98	T053-SL0115 1-1.5 8/13/98	T054-SL0516 1-1.5 9/15/98	T055-SL0131 0-0.5 8/14/98
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	0.41 J [0.31 J]	0.06 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,2,4-Trichlorobenzene	6.6 [0.97 J]	0.41	0.052 J	0.029 J	ND(0.4)	0.12 J	0.09 J
1,2-Dichlorobenzene	0.1 J [ND(4.4)]	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,3-Dichlorobenzene	0.073 J [ND(4.4)]	ND(0.36)	0.056 J	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
1,4-Dichlorobenzene	0.21 J [ND(4.4)]	0.22 J	0.24 J	0.044 J	ND(0.4)	0.083 J	0.057 J
2,4-Dimethylphenol	0.23 J [ND(4.4)]	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
2-Methylnaphthalene	D(0.44) [ND(4.4)]	0.065 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
2-Methylphenol	0.23 J [ND(4.4)]	0.045 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
4-Methylphenol	0.38 J [ND(4.4)]	0.062 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Acenaphthene	D(0.44) [ND(4.4)]	0.084 J	ND(0.46)	0.021 J	ND(0.4)	ND(0.34)	ND(0.38)
Acenaphthylene	D(0.44) [ND(4.4)]	0.2 J	ND(0.46)	ND(0.44)	ND(0.4)	0.032 J	ND(0.38)
Acetophenone	0.4 J [ND(4.4)]	0.066 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Aniline	ND(1.1) [6.5]	ND(0.9)	ND(1.2)	ND(1.1)	ND(1)	ND(0.86)	ND(0.96)
Anthracene	0.36 J [0.33 J]	0.24 J	ND(0.46)	0.042 J	ND(0.4)	0.039 J	0.035 J
Benzo(a)anthracene	1.3 [1.0 J]	1	0.11 J	0.21 J	ND(0.4)	0.24 J	0.19 J
Benzo(a)pyrene	2.1 [1.4 J]	1.5 J	0.12 J	0.23 J	0.045 J	0.25 J	0.22 J
Benzo(b)fluoranthene	2.1 [2.6 J]	1.1	0.1 J	0.22 J	0.037 J	0.23 J	0.2 J
Benzo(g,h,i)perylene	1.4 [0.58 J]	1.2	0.098 J	0.19 J	0.042 J	0.22 J	0.19 J
Benzo(k)fluoranthene	1.9 [ND(4.4)]	1	0.098 J	0.19 J	0.036 J	0.22 J	0.22 J
bis(2-Ethylhexyl)phthalate	D(0.44) [ND(4.4)]	ND(0.36)	ND(0.46)	0.091 J	ND(0.4)	ND(0.34)	ND(0.38)
Chrysene	1.5 [1.2 J]	1.2	0.12 J	0.25 J	0.041 J	0.3 J	0.27 J
Di-n-Butylphthalate	D(0.44) [ND(4.4)]	0.32 J	ND(0.46)	0.057 J	ND(0.4)	0.12 J	ND(0.38)
Dibenzo(a,h)anthracene	0.48 [ND(4.4)]	0.33 J	ND(0.46)	0.063 J	ND(0.4)	0.076 J	0.063 J
Dibenzofuran	0.47 [ND(4.4)]	0.074 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Fluoranthene	2.8 [ND(4.4)]	2.1	0.22 J	0.53	0.059 J	0.72	0.47
Fluorene	0.1 J [ND(4.4)]	0.089 J	ND(0.46)	0.026 J	0.059 J	ND(0.34)	ND(0.38)
Hexachlorobenzene	0.12 J [ND(4.4)]	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Indeno(1,2,3-cd)pyrene	1.4 [0.64 J]	1	0.086 J	0.19 J	0.036 J	0.21 J	0.17 J
Isophorone	D(0.44) [ND(4.4)]	0.15 J	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
N-Nitrosodiphenylamine	0.092 J [ND(4.4)]	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Naphthalene	0.5 [ND(4.4)]	0.33 J	ND(0.46)	0.036 J	ND(0.4)	0.076 J	0.076 J
Pentachlorobenzene	0.24 J [ND(4.4)]	ND(0.36)	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Phenanthrene	2 [1.3 J]	1.4	0.12 J	0.25 J	ND(0.4)	0.41	0.31 J
Phenol	ND(0.44) [0.94 J]	0.39	ND(0.46)	ND(0.44)	ND(0.4)	ND(0.34)	ND(0.38)
Pyrene	2.5 [0.96 J]	2.1	0.24 J	0.42 J	0.06 J	0.52	0.56
Organochlorine Pesticides							
4,4'-DDT	ND(910)	ND(1.8)	ND(24)	ND(0.091)	R	ND(3.5)	ND(2)
Dieldrin	ND(910)	R	ND(24)	R	R	ND(3.5)	ND(2)
Kepone	R	R	R	R	R	R	R
Dioxins							
WHO TEF	3.20E-02	3.30E-04	8.30E-03	4.30E-05	9.90E-06	1.20E-04	8.30E-05
Inorganics							
Antimony	8.7 [11.5]	ND(1)	0.52 J	ND(0.42)	0.58 J	0.33 J	0.72
Arsenic	7 [12.6]	2.5 J	2.3	2.5	1.7	2.3	3.5
Barium	431 [404]	58.4	29.5	38.7	24	22.8	46.2 J
Beryllium	0.3 J [0.590 B]	0.21	0.13 J	0.15	0.15 J	0.16	0.22 J
Cadmium	3.4 [5.40]	0.24	ND(0.05)	ND(0.05)	ND(0.04)	ND(0.03)	ND(0.03)
Chromium	154 [112]	16.4 J	11.3	14.9	9.1	13.7	14.3 J
Cobalt	14.3 [20.4]	5.5 J	6.3	7.9	7	5.9	8.4
Copper	3180 [2460]	116	52.9	25.8	11.6	25.4	54.1
Lead	2100 J [1940]	179	54.7 J	31.7	11.5 J	39.4	44.6 J
Mercury	1.3 [1.60]	0.26 J	0.04 J	0.12	0.02	0.11	0.17

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 5 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T049-SL0124 0-0.5 8/13/98	T050-SL0490 0-0.5 9/11/98	T051-SL0127 1-1.5 8/13/98	T052-SL0512 0-0.5 9/14/98	T053-SL0115 1-1.5 8/13/98	T054-SL0516 1-1.5 9/15/98	T055-SL0131 0-0.5 8/14/98
Nickel	102 (93.1)	14.4	12	14.2	11.1	10	15.0 J
Selenium	1.5 (3.00)	ND(0.4)	ND(0.56)	ND(0.43)	ND(0.51)	ND(0.33)	ND(0.33)
Silver	8.6 (8.80)	ND(0.33)	ND(0.17)	ND(0.17)	ND(0.16)	ND(0.13)	0.16 J
Thallium	1.1 (1.00 B)	ND(0.69)	ND(0.71)	ND(0.71)	0.69	ND(0.54)	0.63 J
Tin	119 (190)	12.9	4.8	2.7	1.4	3.6	3.6
Vanadium	26.2 (23.8)	11.9 J	8.5	12.7	9.4	7.1	14.9
Zinc	2200 J (2290)	212	89.7 J	85.6	47.5	67.7	98.1

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T032-SL0466 0-0.5 9/9/98	T033-SL0100 0-0.5 8/12/98	T034-SL0467 0-0.5 9/10/98	T035-SL0098 1-1.5 8/12/98	T036-SL0471 0-0.5 9/10/98	T037-SL0105 0-0.5 8/12/98	T038-SL0475 1-1.5 9/10/98	T039-SL0106 0-0.5 8/13/98	T040-SL0476 1-1.5 9/10/98	T041-SL0116 0-0.5 8/13/98	T042-SL0480 0-0.5 9/10/98
Semivolatile Organics											
1,2,4,5-Tetrachlorobenzene	ND(0.48)	0.23 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.3 J [ND(3.9)]	0.49 J	0.042 J	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
1,2,4-Trichlorobenzene	0.14 J	0.27 J	ND(0.71)	0.042 J	ND(0.36) [ND(0.37)]	0.14 J [ND(3.9)]	0.19 J	0.044 J	0.017 J	ND(0.38)	0.047 J [ND(0.37)]
1,3-Dichlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.68) [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
1,4-Dichlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	0.033 J [ND(0.37)]	ND(0.68) [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	0.037 J [ND(0.37)]
2,4-Dimethylphenol	ND(0.48)	0.082 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.68) [ND(3.9)]	0.15 J	ND(0.41)	ND(0.33)	ND(0.38)	0.046 J [ND(0.37)]
2-Methylnaphthalene	0.082 J	0.065 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.47 J [ND(3.9)]	2.6 J	0.44	ND(0.33)	0.035 J	0.047 J [ND(0.37)]
2-Methylphenol	ND(0.48)	0.041 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.11 J [ND(3.9)]	0.096 J	ND(0.41)	ND(0.33)	ND(0.38)	0.099 J [ND(0.37)]
4-Methylphenol	ND(0.48)	0.13 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.12 J [ND(3.9)]	0.22 J	ND(0.41)	ND(0.33)	ND(0.38)	0.08 J [0.036 J]
Acenaphthene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.18 J [0.30 J]	0.18 J	0.2 J	0.02 J	ND(0.38)	0.044 J [0.046 J]
Acenaphthylene	0.14 J	0.047 J	ND(0.71)	ND(0.38)	ND(0.36) [0.049 J]	0.56 J [1.7 J]	0.35 J	0.54	ND(0.33)	ND(0.38)	0.051 J [0.12 J]
Acetophenone	0.12 J	0.44	ND(0.71)	0.11 J	ND(0.36) [ND(0.37)]	0.37 J [ND(3.9)]	0.18 J	0.067 J	ND(0.33)	ND(0.38)	0.055 J [ND(0.37)]
Aniline	ND(1.2)	ND(0.95)	ND(1.8)	ND(0.96)	ND(0.91) [ND(0.37)]	ND(1.7) [7.2]	ND(1.8)	ND(1)	ND(0.83)	ND(0.94)	0.18 J [1.5]
Anthracene	1.2	0.13 J	ND(0.71)	0.056 J	0.047 J [0.053 J]	0.58 J [1.0 J]	0.52 J	0.6	0.047 J	0.09 J	0.1 J [0.11 J]
Benzo(a)anthracene	4.6	0.68	0.17 J	0.3 J	0.28 J [0.20 J]	2.4 [3.0 J]	2.6	2.9	0.23 J	0.44	0.47J [0.41]
Benzo(a)pyrene	3.5	0.82	0.17 J	0.32 J	0.3 J [0.25 J]	2.7 [3.5 J]	2.6	2.9	0.25 J	0.48	0.53 J [0.52]
Benzo(b)fluoranthene	5.9	0.85	0.16 J	0.3 J	0.26 J [0.25 J]	1.8 [3.2 J]	1.6	1.7	0.22 J	0.39	0.41 J [0.51]
Benzo(g,h,i)perylene	1.5	0.66	0.16 J	0.24 J	0.24 J [0.069 J]	1.6 [1.1 J]	1.9	1.8	0.23 J	0.37 J	0.52 J [0.17 J]
Benzo(k)fluoranthene	3.5	0.73	0.14 J	0.28 J	0.29 J [0.30 J]	2 [2.4 J]	1.9	2	0.2 J	0.42	0.42 J [0.53]
Benzyl Alcohol	ND(0.48)	0.081 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.48 J [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
bis(2-Ethylhexyl)phthalate	0.09 J	0.15 J	8.3	ND(0.38)	0.15 J [ND(0.37)]	0.29 J [ND(3.9)]	ND(0.7)	0.054 J	0.047 J	0.035 J	0.068 J [0.075 J]
Butylbenzylphthalate	0.12 J	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	3 [0.64 J]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	0.033 J [ND(0.37)]
Chrysene	12	0.83	0.42 J	0.37 J	0.32 J [0.27 J]	3.4 [4.5]	3.6	3.8	0.29 J	0.55	0.61 [0.59]
Di-n-Butylphthalate	0.13 J	0.078 J	ND(0.71)	0.05 J	0.087 J [ND(0.37)]	ND(0.68) [ND(3.9)]	0.15 J	ND(0.41)	0.11 J	ND(0.38)	0.16 J [0.057 J]
Dibenzo(a,h)anthracene	0.73	0.17 J	ND(0.71)	0.057 J	0.087 J [ND(0.37)]	0.44 J [0.36 J]	0.54	0.49	0.05 J	0.12 J	0.16 J [0.057 J]
Dibenzofuran	ND(0.48)	0.071 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.11 J [ND(3.9)]	0.087 J	0.11 J	ND(0.33)	ND(0.38)	0.028 J [ND(0.37)]
Fluoranthene	3.5 J	0.97	0.39 J	0.62	0.53 [0.41]	4.6 [7.0]	5.8	6.2	0.49	1	1.2 [0.79]
Fluorene	0.15 J	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.42 J [0.69 J]	0.35 J	0.54	0.026 J	0.062 J	0.065 J [0.064 J]
Hexachlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.68) [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
Indeno(1,2,3-cd)pyrene	1.6	0.62	0.14 J	0.23 J	0.25 J [0.081 J]	1.3 [1.1 J]	1.6	1.4	0.18 J	0.33 J	0.4 [0.18 J]
Isophorone	ND(0.48)	0.13 J	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	0.091 J [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
Naphthalene	ND(0.48)	0.18 J	ND(0.71)	0.079 J	0.04 J [ND(0.37)]	1.1 [ND(3.9)]	0.5 J	0.84	0.026 J	0.073 J	0.099 J [ND(0.37)]
Pentachlorobenzene	ND(0.48)	ND(0.38)	ND(0.71)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.68) [ND(3.9)]	ND(0.7)	ND(0.41)	ND(0.33)	ND(0.38)	ND(0.37) [ND(0.37)]
Phenanthrene	0.56	0.67	0.22 J	0.4	0.3 J [0.24 J]	6.2 [6.6]	7	7.4	0.29 J	0.76	0.78J [0.69]
Phenol	0.43 J	ND(0.38)	ND(0.71)	ND(0.38)	0.09 J [ND(0.37)]	0.79 [ND(3.9)]	0.24 J	ND(0.41)	0.052 J	ND(0.38)	0.51 J [0.26 J]
Pyrene	9.4	1.2	0.29 J	0.76	0.53 [0.35 J]	8.8 [7.1]	10	11	0.51	1.2	1.4 J [0.81]
Organochlorine Pesticides											
4,4'-DDE	ND(0.18)	8.1	ND(0.036)	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	1.1 [ND(0.19)]
4,4'-DDT	ND(0.18)	R	ND(0.036)	R	ND(0.19)	R	ND(1.8)	0.92	ND(0.071)	R	ND(0.76) [ND(0.19)]
Dieldrin	ND(0.18)	R	0.048	ND(0.4)	R	R	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	R [ND(0.19)]
Endosulfan II	ND(0.18)	ND(3.9)	ND(0.036)	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	ND(0.76) [0.31]
Endrin Aldehyde	ND(0.18)	ND(3.9)	0.037 J	ND(0.4)	ND(0.19)	ND(21)	ND(1.8)	ND(0.42)	ND(0.071)	ND(0.39)	0.86 [0.20]
Kepone	R	R	R	R	R	R	R	R	R	R	R [ND(3.7)]
Herbicides											
2,4,5-T	NS	ND(0.0055)	ND(0.0052)	NS	NS	NS	NS	NS	NS	NS	D(0.0054) [ND(0.022)]
2,4,5-TP	NS	ND(0.0055)	ND(0.0052)	NS	NS	NS	NS	NS	NS	NS	0.0073 J [ND(0.022)]
Dioxins											
WHO TEF	1.10E-04	1.00E-03	1.80E-04	6.90E-05	1.00E-04	4.90E-04	1.53E-03	7.40E-05	7.00E-05	3.50E-05	2.00E-04
Inorganics											
Antimony	1.9 J	2.8 J	ND(0.95)	0.9 J	ND(1) [1.50]	3.7 [9.90]	25.1	0.72 J	ND(0.96)	0.63 J	ND(1) [1.40]
Arsenic	10.2	4.6	R	2.6	R [2.90]	5.6 [8.00]	7.4 J	3.4	R	2.7	R [4.40]
Barium	55.8	140	28.1	43.7	36.5 [54.1]	71.5 [75.1]	179	52.1	36.4	37.7	45.8 [53.9]
Beryllium	0.15	0.19 J	ND(0.18)	0.18 J	0.18 [0.270 B]	ND(0.04) [0.260 B]	0.63	0.17 J	0.19	0.17 J	0.27 [0.430 B]
Cadmium	0.55	0.62	ND(0.09)	ND(0.04)	ND(0.09) [0.310 B]	0.83 [0.940]	2	ND(0.04)	ND(0.09)	ND(0.04)	ND(0.09) [0.400 B]
Chromium	10.2	26.5	11.8 J	15.4	13.3 J [13.4]	30.9 [35.2]	48.6 J	21.4	12.7 J	15.1	16.7J [19.1]
Cobalt	10.9	9.2	4.6 J	7.8	4.9 J [8.10]	9.9 [10.7]	8.9 J	8.3	4.6 J	7.7	6.5 J [10.8]
Copper	86.3	531	50.1	54.3	66.9 [112]	366 [411]	1400	80.8	79.4	34.8	59.4 [71.1]

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T032-SL0466 0-0.5 9/9/98	T033-SL0100 0-0.5 8/12/98	T034-SL0467 0-0.5 9/10/98	T035-SL0098 1-1.5 8/12/98	T036-SL0471 0-0.5 9/10/98	T037-SL0105 0-0.5 8/12/98	T038-SL0475 1-1.5 9/10/98	T039-SL0106 0-0.5 8/13/98	T040-SL0476 1-1.5 9/10/98	T041-SL0116 0-0.5 8/13/98	T042-SL0480 0-0.5 9/10/98
Lead	70.3	661 J	81.8	79 J	127 {147J}	621 {732}	2480	109 J	117	52 J	83.5 {96.1 J}
Mercury	0.2	1	0.07	0.07	0.12 {0.140}	0.16 {0.190}	0.49	0.09	0.07	0.08	0.21 {0.260}
Nickel	24.6	26.4	11	14.7	11.6 {15.0 J}	41.7 {33.7}	41.5	16.6	21.8	13.1	14.6 {19.3 J}
Selenium	0.87	ND(0.46)	ND(0.37)	ND(0.53)	ND(0.4) {0.350 B}	ND(0.55) {0.950}	ND(0.38)	ND(0.52)	ND(0.37)	0.5 J	ND(0.4) {0.730}
Silver	ND(0.19)	0.89 J	ND(0.3)	ND(0.16)	ND(0.33) {0.350 B}	0.93 J {0.900 B}	158	0.59 J	ND(0.3)	0.17	ND(0.33) {0.550 B}
Thallium	1	ND(6)	ND(0.63)	ND(0.69)	ND(0.68) {0.830 B}	0.84 {0.850 B}	ND(0.64)	0.95	ND(0.64)	0.66	ND(0.68) {1.00 B}
Tin	3.6 J	66.8	7.5	6.2	13.7 {ND(13.0)}	43.9 {74.8}	320	8.1	5.9	3.6	4.7 {ND(11.1)}
Vanadium	14.9	16.9	7.8 J	14.4	8.7 J {11.1}	20.4 {20.0}	11.2 J	16.3	8.6 J	13.6	15.4 J {21.2}
Zinc	201	839 J	129	117 J	185 {215}	792 J {657}	1340	133 J	143	89.3 J	165 {178}
Cyanide	ND(0.6)	ND(0.58)	ND(0.61)	ND(0.58)	ND(0.63) {ND(2.80)}	0.62 {ND(2.90)}	ND(0.6)	ND(0.63)	ND(0.55)	ND(0.56)	ND(0.61) {ND(2.80)}
Sulfide	5.3	5.7	5.3 J	ND(5.7)	5.4 J {ND(55.8)}	ND(6) {ND(235)}	5.2 J	6.1	ND(5.1)	ND(5.6)	5.5 J {ND(55.6)}

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T043-SL0110 1-1.5 8/13/98	T044-SL0482 2-2.5 9/10/98	T045-SL0120 0-0.5 8/13/98	T046-SL0485 1-1.5 9/11/98	T047-SL0114 1-1.5 8/13/98
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	0.21 J	ND(0.38)	ND(0.38)	ND(0.35)
1,2,4-Trichlorobenzene	0.083 J	0.082 J	ND(0.38)	0.049 J	ND(0.35)
1,3-Dichlorobenzene	ND(0.37)	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
1,4-Dichlorobenzene	ND(0.37)	0.054 J	ND(0.38)	ND(0.38)	ND(0.35)
2,4-Dimethylphenol	0.06 J	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
2-Methylnaphthalene	0.21 J	0.023 J	0.071 J	ND(0.38)	0.16 J
2-Methylphenol	0.071 J	0.021 J	ND(0.38)	ND(0.38)	ND(0.35)
4-Methylphenol	0.097 J	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
Acenaphthene	0.071 J	0.026 J	ND(0.38)	0.044 J	0.05 J
Acenaphthylene	0.23 J	ND(0.35)	0.085 J	ND(0.38)	0.19 J
Acetophenone	0.055 J	0.016 J	0.043 J	ND(0.38)	0.065 J
Aniline	ND(0.93)	ND(0.87)	ND(0.96)	ND(0.94)	ND(0.87)
Anthracene	0.19 J	0.053 J	0.087 J	0.094 J	0.15 J
Benzo(a)anthracene	0.89	0.24 J	0.54	0.42	0.82
Benzo(a)pyrene	1	0.28 J	0.58	0.44 J	0.86
Benzo(b)fluoranthene	0.64	0.23 J	0.46	0.36 J	0.5
Benzo(g,h,i)perylene	0.66	0.24 J	0.46	0.39	0.59
Benzo(k)fluoranthene	0.75	0.24 J	0.45	0.42	0.61
Benzyl Alcohol	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
bis(2-Ethylhexyl)phthalate	0.068 J	0.057 J	0.042 J	0.052 J	0.033 J
Butylbenzylphthalate	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
Chrysene	1.2	0.3 J	0.73	0.51	1.2
Di-n-Butylphthalate	ND(0.37)	0.19 J	ND(0.38)	0.036 J	ND(0.35)
Dibenzo(a,h)anthracene	0.18 J	0.062 J	0.13 J	0.13 J	0.16 J
Dibenzofuran	0.052 J	0.02 J	ND(0.38)	ND(0.38)	ND(0.35)
Fluoranthene	1.8	0.48 J	1.2	1.1	1.7
Fluorene	0.17 J	0.033 J	0.048 J	0.053 J	0.11 J
Hexachlorobenzene	ND(0.37)	0.036 J	ND(0.38)	ND(0.38)	ND(0.35)
Indeno(1,2,3-cd)pyrene	0.53	0.2 J	0.38 J	0.36 J	0.44
Isophorone	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	0.14 J
Naphthalene	0.41	0.043 J	0.18 J	0.084 J	0.33 J
Pentachlorobenzene	ND(0.37)	0.049 J	ND(0.38)	ND(0.38)	ND(0.35)
Phenanthrene	2.2	0.34 J	0.85	0.77	1.7
Phenol	ND(0.37)	ND(0.35)	ND(0.38)	ND(0.38)	ND(0.35)
Pyrene	3.2	0.6 J	1.7	1.1	3.1
Organochlorine Pesticides					
4,4'-DDE	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
4,4'-DDT	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
Dieldrin	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	R
Endosulfan II	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	ND(0.36)
Endrin Aldehyde	ND(7.6)	ND(1.1)	ND(1.2)	ND(0.39)	ND(0.36)
Kepone	R	R	R	R	R
Herbicides					
2,4,5-T	NS	NS	NS	NS	NS
2,4,5-TP	NS	NS	NS	NS	NS
Dioxins					
WHO TEF	1.70E-04	4.30E-05	2.80E-05	5.70E-05	2.50E-05
Inorganics					
Antimony	0.76 J	ND(1)	1.1 J	ND(1.1)	0.72 J
Arsenic	7.2	R	2.5	R	9.1
Barium	69.2	28.3	47.6	44.9	15.9 J
Beryllium	0.040 J	0.2	0.11 J	0.3	ND(0.04)
Cadmium	ND(0.04)	ND(0.09)	ND(0.04)	ND(0.1)	ND(0.04)
Chromium	18.4	11.8	13.6	17.1 J	14.9
Cobalt	9.8	5.0 J	8.1	6.4 J	20.4
Copper	122	31.8	28.9	34.1	35.6

(See notes on Page 25)

GENERAL ELECTRIC
PITTSFIELD, MA

REMOVAL ACTION WORK PLAN - UPPER 1/2 MILE OF HOUSATONIC RIVER

AREA 6 APPIX+3 SOIL DATA
(ppm, dry-weight)

Appendix IX+3 Constituents	T043-SL0110 1-1.5 8/13/98	T044-SL0482 2-2.5 9/10/98	T045-SL0120 0-0.5 8/13/98	T046-SL0485 1-1.5 9/11/98	T047-SL0114 1-1.5 8/13/98
Lead	143 J	55.2	35.9 J	54.8	20.8 J
Mercury	0.19	0.09	0.11	0.16 J	ND(0.02)
Nickel	18.4	10.5	13.8	14.4	26.7
Selenium	0.83	ND(0.39)	ND(0.48)	ND(0.43)	ND(0.45)
Silver	0.65 J	ND(0.32)	0.28 J	ND(0.35)	ND(0.14)
Thallium	ND(6.6)	ND(0.66)	0.85	ND(0.74)	ND(5.7)
Tin	10	7	3.6	2.7	0.92
Vanadium	19.8	8.5 J	12.6	14.3 J	11.4
Zinc	172 J	88.5	100 J	105	80.1 J
Cyanide	ND(0.55)	ND(0.6)	ND(0.58)	ND(0.64)	ND(0.52)
Sulfide	ND(5.6)	5.2 J	ND(5.7)	ND(5.6)	ND(5.2)

(See notes on Page 23)

Table 3-3 Detected VOC Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01						
	SS07	10-12				
			cis-1,2-Dichloroethene	26		mg/kg
			Trichloroethene	3.3		mg/kg
N2SC-02						
	SS20	34-36				
			Acetone	0.75		mg/kg
			Trichloroethene	0.43		mg/kg
N2SC-03						
	SS09	14-15				
			cis-1,2-Dichloroethene	130		mg/kg
			Toluene	4.5	J	mg/kg
			Trichloroethene	170		mg/kg
N2SC-04						
	SS09	14-15				
			Acetone	1		mg/kg
			Trichloroethene	0.42		mg/kg
N2SC-07						
	SS09	14-15				
			Acetone	0.13		mg/kg
			Benzene	0.0043	J	mg/kg
			Chlorobenzene	0.16		mg/kg
			cis-1,2-Dichloroethene	0.11		mg/kg
			Toluene	0.0042	J	mg/kg
			Vinyl chloride	0.031		mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II.

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Units
N2SC-01						
	CS1015	10-15				
			1,2,4,5-Tetrachlorobenzene	0.81	J	mg/kg
			1,2,4-Trichlorobenzene	24		mg/kg
			2,4-Dimethylphenol	0.37	J	mg/kg
			2-Methylnaphthalene	0.69	J	mg/kg
			Acenaphthene	5.6		mg/kg
			Acenaphthylene	1	J	mg/kg
			Anthracene	6.6		mg/kg
			Benzo(a)anthracene	7.4		mg/kg
			Benzo(a)pyrene	6.5		mg/kg
			Benzo(b)fluoranthene	8.1		mg/kg
			Benzo(ghi)perylene	1.1	J	mg/kg
			Benzo(k)fluoranthene	3.6		mg/kg
			bis(2-Ethylhexyl) phthalate	0.37	J	mg/kg
			Chrysene	7.1		mg/kg
			Dibenz(a,h)anthracene	0.38	J	mg/kg
			Dibenzofuran	2.2	J	mg/kg
			Fluoranthene	24		mg/kg
			Fluorene	5.5		mg/kg
			Indeno(1,2,3-cd)pyrene	1.2	J	mg/kg
			Naphthalene	2.3	J	mg/kg
			Phenanthrene	19		mg/kg
			Pyrene	13		mg/kg
N2SC-02						
	CS0306	3-6				
			1,2,4-Trichlorobenzene	4.5		mg/kg
			Acenaphthene	0.5	J	mg/kg
			Acenaphthylene	1.1	J	mg/kg
			Anthracene	1.5	J	mg/kg
			Benzo(a)anthracene	5.7		mg/kg
			Benzo(a)pyrene	7.2		mg/kg
			Benzo(b)fluoranthene	8.5		mg/kg
			Benzo(ghi)perylene	2.6		mg/kg
			Benzo(k)fluoranthene	3.8		mg/kg
			bis(2-Ethylhexyl) phthalate	0.9	J	mg/kg
			Chrysene	5.7		mg/kg
			Dibenz(a,h)anthracene	0.75	J	mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Dibenzofuran	0.5	J	mg/kg
			Fluoranthene	11		mg/kg
			Fluorene	0.63	J	mg/kg
			Indeno(1,2,3-cd)pyrene	3.1		mg/kg
			Naphthalene	0.64	J	mg/kg
			Phenanthrene	6.2		mg/kg
			Pyrene	8.5		mg/kg
	CS3436	34-36				
			1,2,4,5-Tetrachlorobenzene	28		mg/kg
			1,2,4-Trichlorobenzene	990		mg/kg
			1,2-Dichlorobenzene	14	J	mg/kg
			1,4-Dichlorobenzene	30		mg/kg
			2-Methylnaphthalene	3.8	J	mg/kg
			Dibenzofuran	1.5	J	mg/kg
			Naphthalene	7	J	mg/kg
			Pentachlorobenzene	1.8	J	mg/kg
N2SC-03						
	CS1015	10-15				
			1,2,4,5-Tetrachlorobenzene	4.4		mg/kg
			1,2,4-Trichlorobenzene	210		mg/kg
			1,2-Dichlorobenzene	2.7	J	mg/kg
			1,3-Dichlorobenzene	2.4	J	mg/kg
			1,4-Dichlorobenzene	18		mg/kg
			2,4-Dimethylphenol	0.31	J	mg/kg
			2-Methylnaphthalene	2.6	J	mg/kg
			Acenaphthene	1.6	J	mg/kg
			Acenaphthylene	0.32	J	mg/kg
			Aniline	5.5		mg/kg
			Anthracene	1.4	J	mg/kg
			Benzo(a)anthracene	2.2	J	mg/kg
			Benzo(a)pyrene	1.6	J	mg/kg
			Benzo(b)fluoranthene	2.6	J	mg/kg
			Benzo(k)fluoranthene	1.2	J	mg/kg
			bis(2-Ethylhexyl) phthalate	1.3	J	mg/kg
			Chrysene	2.5	J	mg/kg
			Dibenzofuran	1.1	J	mg/kg
			Fluoranthene	4.7		mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Units
			Fluorene	1.7		mg/kg
			Indeno(1,2,3-cd)pyrene	0.27	J	mg/kg
			N-Nitrosodiphenylamine	0.77	J	mg/kg
			Naphthalene	12		mg/kg
			Phenanthrene	7		mg/kg
			Pyrene	4		mg/kg
N2SC-04						
	CS1015	10-15				
			Acenaphthene	0.052	J	mg/kg
			Anthracene	0.14	J	mg/kg
			Benzo(a)anthracene	0.2	J	mg/kg
			Benzo(a)pyrene	0.17	J	mg/kg
			Benzo(b)fluoranthene	0.18	J	mg/kg
			Benzo(ghi)perylene	0.069	J	mg/kg
			Benzo(k)fluoranthene	0.095	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.49		mg/kg
			Chrysene	0.19	J	mg/kg
			Dibenzofuran	0.051	J	mg/kg
			Fluoranthene	0.59		mg/kg
			Fluorene	0.081	J	mg/kg
			Indeno(1,2,3-cd)pyrene	0.071	J	mg/kg
			Phenanthrene	0.55		mg/kg
			Pyrene	0.34	J	mg/kg
N2SC-05						
	CS1015	10-15				
			Benzo(a)pyrene	0.2	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.12	J	mg/kg
N2SC-06						
	CS1015	10-15				
			Acenaphthene	0.83	J	mg/kg
			Acenaphthylene	0.27	J	mg/kg
			Anthracene	0.17	J	mg/kg
			Benzo(a)anthracene	0.5	J	mg/kg
			Benzo(a)pyrene	0.7	J	mg/kg
			Benzo(b)fluoranthene	0.57	J	mg/kg
			Benzo(ghi)perylene	0.51	J	mg/kg
			Benzo(k)fluoranthene	0.25	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.43	J	mg/kg

Table 3-4 Detected SVOC Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Chrysene	0.55	J	mg/kg
			Fluoranthene	0.72	J	mg/kg
			Fluorene	0.34	J	mg/kg
			Indeno(1,2,3-cd)pyrene	0.38	J	mg/kg
			Phenanthrene	0.36	J	mg/kg
			Pyrene	0.99	J	mg/kg
N2SC-07						
	CS1015	10-15				
			Benzo(a)anthracene	0.037	J	mg/kg
			Benzo(a)pyrene	0.052	J	mg/kg
			Benzo(b)fluoranthene	0.045	J	mg/kg
			bis(2-Ethylhexyl) phthalate	0.45		mg/kg
			Chrysene	0.045	J	mg/kg
			Fluoranthene	0.044	J	mg/kg
			Phenanthrene	0.038	J	mg/kg
			Pyrene	0.072	J	mg/kg

Qualifier

J *Result is between MDL and RL.*

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01						
	CS1015	10-15				
			Antimony	1	B	mg/kg
			Arsenic	5.9		mg/kg
			Barium	64.5		mg/kg
			Beryllium	0.48	B	mg/kg
			Cadmium	1.1		mg/kg
			Chromium	20.9		mg/kg
			Cobalt	13.6		mg/kg
			Copper	77.1		mg/kg
			Lead	145		mg/kg
			Mercury	0.036	B	mg/kg
			Nickel	19.9		mg/kg
			Selenium	1.2		mg/kg
			Thallium	1.4	B	mg/kg
			Tin	11.3	B	mg/kg
			Vanadium	15.1		mg/kg
			Zinc	305		mg/kg
N2SC-011						
	13771					
			Antimony	0	B	mg/kg
			Arsenic	0	B	mg/kg
			Barium	1	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	0	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	10		mg/kg
			Vanadium	0	B	mg/kg
N2SC-02						
	A0257					
			Barium	0	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	1	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	2	B	mg/kg
			Zinc	1	B	mg/kg
	CS0306	3-6				
			Antimony	1.9		mg/kg
			Arsenic	12		mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Barium	682		mg/kg
			Beryllium	0.25	B	mg/kg
			Cadmium	7.1		mg/kg
			Chromium	81.1		mg/kg
			Cobalt	29.4		mg/kg
			Copper	845		mg/kg
			Lead	910		mg/kg
			Mercury	0.61		mg/kg
			Nickel	36.9		mg/kg
			Selenium	1.8		mg/kg
			Silver	9.1		mg/kg
			Tin	165		mg/kg
			Vanadium	27.8		mg/kg
			Zinc	3730		mg/kg
	CS0306 DUP	3-6				
			Antimony	2.5		mg/kg
			Arsenic	11.3		mg/kg
			Barium	817		mg/kg
			Beryllium	0.26		mg/kg
			Cadmium	11.7		mg/kg
			Chromium	34		mg/kg
			Cobalt	14.5		mg/kg
			Copper	1530		mg/kg
			Lead	1060		mg/kg
			Nickel	34.1		mg/kg
			Selenium	0.76		mg/kg
			Silver	85.3		mg/kg
			Tin	181		mg/kg
			Vanadium	17.5		mg/kg
			Zinc	3140		mg/kg
	CS3436	34-36				
			Antimony	0.24	B	mg/kg
			Arsenic	9.7		mg/kg
			Barium	12.7	B	mg/kg
			Beryllium	0.063	B	mg/kg
			Cadmium	0.02	B	mg/kg
			Chromium	6.5		mg/kg
			Cobalt	8.6		mg/kg
			Copper	22.1		mg/kg
			Lead	8.2		mg/kg
			Mercury	0.018	B	mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Nickel	13.7		mg/kg
			Vanadium	4.8	B	mg/kg
			Zinc	37.3		mg/kg
N2SC-03						
	CS1015	10-15				
			Antimony	0.9	B	mg/kg
			Arsenic	3.9		mg/kg
			Barium	57.2		mg/kg
			Beryllium	0.32	B	mg/kg
			Cadmium	0.38	B	mg/kg
			Chromium	27.8		mg/kg
			Cobalt	9.1	B	mg/kg
			Copper	138		mg/kg
			Lead	221		mg/kg
			Mercury	0.32		mg/kg
			Nickel	21.2		mg/kg
			Selenium	0.86	B	mg/kg
			Silver	0.14	B	mg/kg
			Tin	11.1	B	mg/kg
			Vanadium	12.1		mg/kg
			Zinc	225		mg/kg
	CS1015 DUP	10-15				
			Antimony	1.7		mg/kg
			Arsenic	4		mg/kg
			Barium	70.8		mg/kg
			Beryllium	0.38		mg/kg
			Cadmium	0.48		mg/kg
			Chromium	15.6		mg/kg
			Cobalt	9.3		mg/kg
			Copper	113		mg/kg
			Lead	351		mg/kg
			Nickel	20.6		mg/kg
			Selenium	1.2		mg/kg
			Silver	0.1		mg/kg
			Tin	9.8		mg/kg
			Vanadium	13.6		mg/kg
			Zinc	217		mg/kg
N2SC-03I						
	13773					
			Antimony	0	B	mg/kg
			Barium	1	B	mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Chromium	0	B	mg/kg
			Copper	2	B	mg/kg
			Lead	2		mg/kg
			Mercury	0	B	mg/kg
			Tin	6	B	mg/kg
			Vanadium	0	B	mg/kg
N2SC-03S						
	13772					
			Antimony	0	B	mg/kg
			Arsenic	1		mg/kg
			Barium	1	B	mg/kg
			Chromium	1	B	mg/kg
			Copper	6		mg/kg
			Lead	6		mg/kg
			Mercury	0	B	mg/kg
			Nickel	3	B	mg/kg
			Silver	0	B	mg/kg
			Tin	7	B	mg/kg
			Vanadium	1	B	mg/kg
			Zinc	2	B	mg/kg
N2SC-04						
	CS1015	10-15				
			Antimony	0.25	B	mg/kg
			Arsenic	1.3		mg/kg
			Barium	323		mg/kg
			Beryllium	0.17	B	mg/kg
			Cadmium	0.041	B	mg/kg
			Chromium	6.5		mg/kg
			Cobalt	6	B	mg/kg
			Copper	9.1		mg/kg
			Lead	117		mg/kg
			Mercury	0.026	B	mg/kg
			Nickel	8.4		mg/kg
			Vanadium	5.7	B	mg/kg
			Zinc	61.7		mg/kg
N2SC-05						
	CS1015	10-15				
			Antimony	0.35	B	mg/kg
			Arsenic	1.4	B	mg/kg
			Barium	21.2	B	mg/kg
			Beryllium	0.22	B	mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Cadmium	0.059	B	mg/kg
			Chromium	7.5		mg/kg
			Cobalt	6.6	B	mg/kg
			Copper	8.2		mg/kg
			Lead	4.1		mg/kg
			Mercury	0.024	B	mg/kg
			Nickel	9.6		mg/kg
			Selenium	0.54	B	mg/kg
			Thallium	0.84	B	mg/kg
			Vanadium	7	B	mg/kg
			Zinc	41.6		mg/kg
	CS1015 DUP	10-15				
			Antimony	0.37		mg/kg
			Arsenic	1.8		mg/kg
			Barium	23.5		mg/kg
			Beryllium	0.24		mg/kg
			Cadmium	0.09		mg/kg
			Chromium	8.1		mg/kg
			Cobalt	7		mg/kg
			Copper	8.7		mg/kg
			Lead	4.5		mg/kg
			Nickel	11		mg/kg
			Vanadium	7.7		mg/kg
			Zinc	42		mg/kg
N2SC-06						
	CS1015	10-15				
			Antimony	0.73	B	mg/kg
			Arsenic	2.4		mg/kg
			Barium	43.8		mg/kg
			Beryllium	0.26	B	mg/kg
			Cadmium	0.39	B	mg/kg
			Chromium	12.6		mg/kg
			Cobalt	8.6		mg/kg
			Copper	167		mg/kg
			Lead	94.5		mg/kg
			Mercury	0.21		mg/kg
			Nickel	13		mg/kg
			Selenium	0.3	B	mg/kg
			Silver	0.09	B	mg/kg
			Thallium	1.2	B	mg/kg
			Tin	13.3		mg/kg

Table 3-5 Detected Metals Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth (feet)*	*Compound*	*Result*	*Qualifier*	*Units*
			Vanadium	9.7		mg/kg
			Zinc	201		mg/kg
	CS1015 DUP	10-15				
			Antimony	0.59		mg/kg
			Arsenic	2.7		mg/kg
			Barium	44.1		mg/kg
			Beryllium	0.28		mg/kg
			Cadmium	0.39		mg/kg
			Chromium	12.3		mg/kg
			Cobalt	9.2		mg/kg
			Copper	187		mg/kg
			Lead	84.7		mg/kg
			Mercury	0.26		mg/kg
			Nickel	15.9		mg/kg
			Thallium	1.4		mg/kg
			Tin	13.1		mg/kg
			Vanadium	9.3		mg/kg
			Zinc	210		mg/kg
N2SC-07						
	CS1015	10-15				
			Arsenic	2.6		mg/kg
			Barium	15.2	B	mg/kg
			Beryllium	0.19	B	mg/kg
			Cadmium	0.06	B	mg/kg
			Chromium	7.5		mg/kg
			Cobalt	7.3		mg/kg
			Copper	10.5		mg/kg
			Lead	7.6		mg/kg
			Mercury	0.02	B	mg/kg
			Nickel	10.5		mg/kg
			Selenium	0.28	B	mg/kg
			Thallium	0.95	B	mg/kg
			Vanadium	6.8		mg/kg
			Zinc	44.5		mg/kg

Qualifier

B Result is between MDL and RL

Table 3-6 Detected Dioxin and Furan Soil Concentrations, Newell Street Area II.

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
N2SC-01	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.00013		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00063		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.00042		ug/kg
			1,2,3,4,7,8-HxCDD	0.000027		ug/kg
			1,2,3,4,7,8-HxCDF	0.00099		ug/kg
			1,2,3,6,7,8-HxCDD	0.000013		ug/kg
			1,2,3,6,7,8-HxCDF	0.00034		ug/kg
			1,2,3,7,8,9-HxCDD	0.0000085		ug/kg
			1,2,3,7,8,9-HxCDF	0.00002	F	ug/kg
			1,2,3,7,8-PeCDD	0.000013		ug/kg
			1,2,3,7,8-PeCDF	0.000052		ug/kg
			2,3,4,6,7,8-HxCDF	0.000083		ug/kg
			2,3,4,7,8-PeCDF	0.00018		ug/kg
			2,3,7,8-TCDD	0.0000019		ug/kg
			2,3,7,8-TCDF	0.000046	g	ug/kg
			HpCDDs (total)	0.00025		ug/kg
			HpCDFs (total)	0.0021		ug/kg
			HxCDDs (total)	0.00017		ug/kg
			HxCDFs (total)	0.0035		ug/kg
			OCDD	0.00058		ug/kg
			OCDF	0.00067		ug/kg
			PeCDDs (total)	0.000034		ug/kg
			PeCDFs (total)	0.0017		ug/kg
			TCDDs (total)	0.000026		ug/kg
			TCDFs (total)	0.00037		ug/kg
N2SC-02	CS0306	3-6				
			1,2,3,4,6,7,8-HpCDD	0.0017		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0033	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0014		ug/kg
			1,2,3,4,7,8-HxCDD	0.00011		ug/kg
			1,2,3,6,7,8-HxCDD	0.00017		ug/kg
			1,2,3,6,7,8-HxCDF	0.0011		ug/kg
			1,2,3,7,8,9-HxCDD	0.00014		ug/kg
			1,2,3,7,8,9-HxCDF	0.00014		ug/kg
			1,2,3,7,8-PeCDD	0.000069		ug/kg
			1,2,3,7,8-PeCDF	0.0028	E	ug/kg
			2,3,4,6,7,8-HxCDF	0.00034		ug/kg
			2,3,4,7,8-PeCDF	0.002		ug/kg

Table 3-6 Detected Dioxin and Furan Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			2,3,7,8-TCDD	0.000015		ug/kg
			2,3,7,8-TCDF	0.0073	Dg	ug/kg
			HpCDDs (total)	0.0044		ug/kg
			HpCDFs (total)	0.0075		ug/kg
			HxCDDs (total)	0.0031		ug/kg
			HxCDFs (total)	0.01		ug/kg
			OCDD	0.0068	E	ug/kg
			OCDF	0.0039		ug/kg
			PeCDDs (total)	0.00084		ug/kg
			PeCDFs (total)	0.015		ug/kg
			TCDDs (total)	0.00082		ug/kg
			TCDFs (total)	0.038		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.013	E	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.011	E	ug/kg
			1,2,3,4,7,8,9-HpCDF	0.011	E	ug/kg
			1,2,3,4,7,8-HxCDD	0.002		ug/kg
			1,2,3,4,7,8-HxCDF	0.03	E	ug/kg
			1,2,3,6,7,8-HxCDD	0.0088	E	ug/kg
			1,2,3,6,7,8-HxCDF	0.0092	E	ug/kg
			1,2,3,7,8,9-HxCDD	0.005	E	ug/kg
			1,2,3,7,8,9-HxCDF	0.00032		ug/kg
			1,2,3,7,8-PeCDD	0.0037	E	ug/kg
			1,2,3,7,8-PeCDF	0.0023	E	ug/kg
			2,3,4,6,7,8-HxCDF	0.0021		ug/kg
			2,3,4,7,8-PeCDF	0.0078	E	ug/kg
			2,3,7,8-TCDD	0.00032		ug/kg
			2,3,7,8-TCDF	0.0017	gE	ug/kg
			HpCDDs (total)	0.028		ug/kg
			HpCDFs (total)	0.036		ug/kg
			HxCDDs (total)	0.093		ug/kg
			HxCDFs (total)	0.082		ug/kg
			OCDD	0.011	E	ug/kg
			OCDF	0.011	E	ug/kg
			PeCDDs (total)	0.039		ug/kg
			PeCDFs (total)	0.066		ug/kg
			TCDDs (total)	0.014		ug/kg
			TCDFs (total)	0.026		ug/kg
N2SC-03	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.0000015	s	ug/kg

Table 3-6 Detected Dioxin and Furan Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			1,2,3,4,6,7,8-HpCDF	0.00001		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0000067		ug/kg
			1,2,3,4,7,8-HxCDF	0.000027		ug/kg
			1,2,3,7,8,9-HxCDF	0.0000049		ug/kg
			2,3,4,6,7,8-HxCDF	0.0000067		ug/kg
			HpCDDs (total)	0.0000029		ug/kg
			HpCDFs (total)	0.000032		ug/kg
			HxCDFs (total)	0.000068		ug/kg
			OCDD	0.0000063	a	ug/kg
			OCDF	0.0000063	a	ug/kg
			PeCDFs (total)	0.000044		ug/kg
			TCDFs (total)	0.0000092		ug/kg
N2SC-04	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.0000048	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.000033		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0000083		ug/kg
			1,2,3,4,7,8-HxCDF	0.000031		ug/kg
			1,2,3,6,7,8-HxCDF	0.000016		ug/kg
			1,2,3,7,8-PeCDF	0.0000091		ug/kg
			2,3,4,6,7,8-HxCDF	0.0000042	j	ug/kg
			2,3,4,7,8-PeCDF	0.000012		ug/kg
			2,3,7,8-TCDD	6.9E-07	j	ug/kg
			2,3,7,8-TCDF	0.000013	g	ug/kg
			HpCDDs (total)	0.000011		ug/kg
			HpCDFs (total)	0.000064		ug/kg
			HxCDDs (total)	0.0000077		ug/kg
			HxCDFs (total)	0.00012		ug/kg
			OCDD	0.000012	j	ug/kg
			OCDF	0.00004		ug/kg
			PeCDFs (total)	0.00014		ug/kg
			TCDDs (total)	0.0000036		ug/kg
			TCDFs (total)	0.00013		ug/kg
N2SC-06	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.000029		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.00027		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.000096		ug/kg
			1,2,3,4,7,8-HxCDF	0.00026		ug/kg
			1,2,3,6,7,8-HxCDD	0.0000041	j	ug/kg
			1,2,3,6,7,8-HxCDF	0.00014		ug/kg

Table 3-6 Detected Dioxin and Furan Soil Concentrations, Newell Street Area II (continued).

Location	Sample Name	Sample Depth	Compound	Result	Qualifier	Units
			1,2,3,7,8,9-HxCDD	0.0000075		ug/kg
			1,2,3,7,8,9-HxCDF	0.0000044	j	ug/kg
			1,2,3,7,8-PeCDF	0.000053		ug/kg
			2,3,4,6,7,8-HxCDF	0.000029		ug/kg
			2,3,4,7,8-PeCDF	0.00007		ug/kg
			2,3,7,8-TCDF	0.00015	g	ug/kg
			HpCDDs (total)	0.000064		ug/kg
			HpCDFs (total)	0.00052		ug/kg
			HxCDDs (total)	0.000059		ug/kg
			HxCDFs (total)	0.0011		ug/kg
			OCDD	0.00009		ug/kg
			OCDF	0.00028		ug/kg
			PeCDDs (total)	0.0000048		ug/kg
			PeCDFs (total)	0.0012		ug/kg
			TCDDs (total)	0.000024		ug/kg
			TCDFs (total)	0.0014		ug/kg
N2SC-07	CS1015	10-15				
			1,2,3,4,6,7,8-HpCDD	0.0000051	j	ug/kg
			1,2,3,4,6,7,8-HpCDF	0.000038		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.000015		ug/kg
			1,2,3,4,7,8-HxCDF	0.000054		ug/kg
			1,2,3,6,7,8-HxCDF	0.000041		ug/kg
			1,2,3,7,8-PeCDF	0.000022		ug/kg
			2,3,4,6,7,8-HxCDF	0.0000076		ug/kg
			2,3,4,7,8-PeCDF	0.000026		ug/kg
			2,3,7,8-TCDF	0.000022	g	ug/kg
			HpCDDs (total)	0.000012		ug/kg
			HpCDFs (total)	0.000076		ug/kg
			HxCDDs (total)	0.0000053		ug/kg
			HxCDFs (total)	0.00022		ug/kg
			OCDD	0.00001	j	ug/kg
			OCDF	0.000032		ug/kg
			PeCDFs (total)	0.00033		ug/kg
			TCDDs (total)	8.1E-07		ug/kg
			TCDFs (total)	0.00029		ug/kg
			1,2,3,4,6,7,8-HpCDD	0.0000027		ug/kg
			1,2,3,4,6,7,8-HpCDF	0.0000036		ug/kg
			1,2,3,4,7,8,9-HpCDF	0.0000029		ug/kg
			1,2,3,4,7,8-HxCDF	0.000011		ug/kg

Table 3-6 Detected Dioxin and Furan Soil Concentrations, Newell Street Area II (continued).

Location	*Sample Name*	*Sample Depth*	*Compound*	*Result*	*Qualifier*	*Units*
			1,2,3,6,7,8-HxCDD	0.0000021		ug/kg
			1,2,3,7,8,9-HxCDD	8.9E-07	s	ug/kg
			1,2,3,7,8,9-HxCDF	0.0000027		ug/kg
			2,3,4,6,7,8-HxCDF	0.0000022		ug/kg
			HpCDDs (total)	0.000006		ug/kg
			HpCDFs (total)	0.000012		ug/kg
			HxCDDs (total)	0.000017		ug/kg
			HxCDFs (total)	0.000025		ug/kg
			OCDD	0.0000034	a	ug/kg
			OCDF	0.0000037	sa	ug/kg
			PeCDDs (total)	0.0000045	a	ug/kg
			PeCDFs (total)	0.000017		ug/kg
			TCDFs (total)	0.000064		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.*
- *a* *See narrative.*
- *s* *Result detected is below the lowest standard and above zero.*
- *D* *Compound quantified using a secondary dilution.*

Table 3-7 Summary of DNAPL Analyses, Newell Street Area II.

Analysis	*Location*	*Sample Name*	*Compound*	*Result*	*Qual*	*Units*
PCBs						
	N2SC-01I					
		13771				
			Aroclor 1254	290000		mg/kg
			Total PCBs	**290000**		mg/kg
	N2SC-02					
		A0257				
			Aroclor 1254	320000		mg/kg
			Total PCBs	**320000**		mg/kg
	N2SC-03I					
		13773				
			Aroclor 1254	300000		mg/kg
			Total PCBs	**300000**		mg/kg
	N2SC-03S					
		13772				
			Aroclor 1254	290000		mg/kg
			Total PCBs	**290000**		mg/kg
VOC						
	N2SC-01I					
		13771				
			cis-1,2-Dichloroethene	1100	J	mg/kg
			Tetrachloroethene	2800		mg/kg
			Toluene	2700		mg/kg
			Trichloroethene	56000		mg/kg
			Xylenes (total)	5500		mg/kg
	N2SC-02					
		A0257				
			Tetrachloroethene	2100	J	mg/kg
			Toluene	2400	J	mg/kg
			Trichloroethene	66000		mg/kg
			Xylenes (total)	6900		mg/kg
	N2SC-03I					
		13773				
			Toluene	1600	J	mg/kg
			Trichloroethene	62000		mg/kg
			Xylenes (total)	6300		mg/kg
	N2SC-03S					
		13772				
			cis-1,2-Dichloroethene	4800		mg/kg

Table 3-7 Summary of DNAPL Analyses, Newell Street Area II (continued).

Analysis	*Location*	*Sample Name*	*Compound*	*Result*	*Qual*	*Units*
			Toluene	1600	J	mg/kg
			Trichloroethene	69000		mg/kg
SVOC						
	N2SC-01I					
		13771				
			1,2,4,5-Tetrachlorobenzen	970	J	mg/kg
			1,2,4-Trichlorobenzene	31000		mg/kg
			1,2-Dichlorobenzene	580	J	mg/kg
			1,4-Dichlorobenzene	1200		mg/kg
			2-Methylnaphthalene	110	J	mg/kg
			Naphthalene	230	J	mg/kg
			Pentachlorobenzene	260	J	mg/kg
	N2SC-02					
		A0257				
			1,2,4,5-Tetrachlorobenzen	670	J	mg/kg
			1,2,4-Trichlorobenzene	24000		mg/kg
			1,2-Dichlorobenzene	460	J	mg/kg
			1,4-Dichlorobenzene	1100		mg/kg
			2-Methylnaphthalene	100	J	mg/kg
			Naphthalene	200	J	mg/kg
			Pentachlorobenzene	59	J	mg/kg
	N2SC-03I					
		13773				
			1,2,4,5-Tetrachlorobenzen	360	J	mg/kg
			1,2,4-Trichlorobenzene	16000		mg/kg
			1,2-Dichlorobenzene	280	J	mg/kg
			1,4-Dichlorobenzene	650	J	mg/kg
			2-Methylnaphthalene	110	J	mg/kg
			Fluoranthene	55	J	mg/kg
			Naphthalene	260	J	mg/kg
			Phenanthrene	79	J	mg/kg
	N2SC-03S					
		13772				
			1,2,4,5-Tetrachlorobenzen	250	J	mg/kg
			1,2,4-Trichlorobenzene	13000		mg/kg
			1,2-Dichlorobenzene	170	J	mg/kg

Table 3-7 Summary of DNAPL Analyses, Newell Street Area II (continued).

Analysis	*Location*	*Sample Name*	*Compound*	*Result*	*Qual*	*Units*
			1,4-Dichlorobenzene	140	J	mg/kg
			2-Methylnaphthalene	110	J	mg/kg
			Acenaphthene	83	J	mg/kg
			Anthracene	59	J	mg/kg
			Benzo(a)anthracene	100	J	mg/kg
			Benzo(a)pyrene	61	J	mg/kg
			Benzo(b)fluoranthene	120	J	mg/kg
			Benzo(k)fluoranthene	60	J	mg/kg
			Chrysene	97	J	mg/kg
			Dibenzofuran	53	J	mg/kg
			Fluoranthene	320	J	mg/kg
			Fluorene	87	J	mg/kg
			Naphthalene	670	J	mg/kg
			Phenanthrene	360	J	mg/kg
			Pyrene	180	J	mg/kg
Metals						
	N2SC-01I					
		13771				
			Antimony	0	B	mg/kg
			Arsenic	0	B	mg/kg
			Barium	1	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	0	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	10		mg/kg
			Vanadium	0	B	mg/kg
	N2SC-02					
		A0257				
			Barium	0	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	1	B	mg/kg
			Lead	1		mg/kg
			Mercury	0	B	mg/kg
			Tin	2	B	mg/kg
			Zinc	1	B	mg/kg

Table 3-7 Summary of DNAPL Analyses, Newell Street Area II (continued).

Analysis	*Location*	*Sample Name*	*Compound*	*Result*	*Qual*	*Units*
	N2SC-03I					
		13773				
			Antimony	0	B	mg/kg
			Barium	1	B	mg/kg
			Chromium	0	B	mg/kg
			Copper	2	B	mg/kg
			Lead	2		mg/kg
			Mercury	0	B	mg/kg
			Tin	6	B	mg/kg
			Vanadium	0	B	mg/kg
	N2SC-03S					
		13772				
			Antimony	0	B	mg/kg
			Arsenic	1		mg/kg
			Barium	1	B	mg/kg
			Chromium	1	B	mg/kg
			Copper	6		mg/kg
			Lead	6		mg/kg
			Mercury	0	B	mg/kg
			Nickel	3	B	mg/kg
			Silver	0	B	mg/kg
			Tin	7	B	mg/kg
			Vanadium	1	B	mg/kg
			Zinc	2	B	mg/kg

Qualifier

- *a* *Matrix spike percent recovery outside of QC limits. For Dioxins: See narrative.*
- *B* *For organics, compound found in method blank. For metals: Result is between MDL and RL*
- *D* *Compound quantified using a secondary dilution.*
- *E* *Result exceeds calibration range.*
- *J* *For organics, result is between MDL and RL.*

Table 4-3. Detected Soil VOC Concentrations, Newell Street Area II

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
N2SC-08							
	SS06	8-10					
			Trichloroethene	0.013			mg/kg
	SS22	38-40					
			1,2-Dichloroethane	0.01			mg/kg
			Benzene	0.01			mg/kg
			Chlorobenzene	0.01			mg/kg
			Chloroform	0.01			mg/kg
			Ethylbenzene	0.02			mg/kg
			Tetrachloroethene	0.04			mg/kg
			Toluene	0.1			mg/kg
			Trichloroethene	3.1			mg/kg
			Xylenes (total)	0.09			mg/kg
N2SC-09							
	SS09	8-10					
			Benzene	0.2			mg/kg
			Chlorobenzene	1.3		E	mg/kg
			Ethylbenzene	0.19			mg/kg
			Toluene	0.02			mg/kg
			Xylenes (total)	1.9		E	mg/kg
	SS20	36-38					
			Chlorobenzene	0.034			mg/kg
			Ethylbenzene	0.0086			mg/kg
			Xylenes (total)	0.017			mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 4-4. Detected Soil SVOC Concentrations, Newell Street Area II

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
N2SC-08							
	SS22	38-40					
			1,2,4-Trichlorobenzene	3.7			mg/kg
			bis(2-Ethylhexyl) phthalate	0.48			mg/kg
N2SC-09							
	CS1015	10-15					
			1,2,4-Trichlorobenzene	3.7			mg/kg
			1,3-Dichlorobenzene	0.57			mg/kg
			1,4-Dichlorobenzene	3			mg/kg
	CS3640	36-40					
			1,2,4-Trichlorobenzene	2.6			mg/kg
			bis(2-Ethylhexyl) phthalate	0.52			mg/kg

Qualifier

J *Result is between MDL and RL.*

E *Result exceeds calibration range.*

Table 4-5. Detected Soil Metals Concentrations, Newell Street Area II

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
N2SC-08							
	CS0610	6-10					
			Aluminum	4430			mg/kg
			Arsenic	2.3			mg/kg
			Barium	15.2			mg/kg
			Calcium, Total	4510			mg/kg
			Chromium	6.8			mg/kg
			Copper	14.8			mg/kg
			Iron	12100			mg/kg
			Magnesium	4260			mg/kg
			Manganese	171			mg/kg
			Nickel	13.3			mg/kg
			Sulfide	21.5			mg/kg
			Zinc	37.2			mg/kg
	SS22	38-40					
			Aluminum	7660			mg/kg
			Arsenic	4.7			mg/kg
			Barium	18.8			mg/kg
			Calcium, Total	27200			mg/kg
			Chromium	9.8			mg/kg
			Copper	21.3			mg/kg
			Iron	18900			mg/kg
			Magnesium	17800			mg/kg
			Manganese	372			mg/kg
			Nickel	20			mg/kg
			Sulfide	49.7			mg/kg
			Zinc	56.2			mg/kg
N2SC-09							
	CS1015	10-15					
			Aluminum	5750			mg/kg
			Arsenic	2.9			mg/kg
			Barium	52.2			mg/kg
			Calcium, Total	10700			mg/kg
			Chromium	18.2			mg/kg
			Copper	65.4			mg/kg
			Iron	12400			mg/kg
			Lead	30.2			mg/kg

Table 4-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Magnesium	6040			mg/kg
			Manganese	166			mg/kg
			Mercury	0.22	!		mg/kg
			Nickel	14.7			mg/kg
			Sodium, Total	128	!		mg/kg
			Sulfide	98.2			mg/kg
			Zinc	210			mg/kg
	CS3640	36-40					
			Aluminum	6600			mg/kg
			Arsenic	6.2			mg/kg
			Barium	18.9			mg/kg
			Calcium, Total	82900			mg/kg
			Chromium	8			mg/kg
			Copper	16.1			mg/kg
			Iron	2930			mg/kg
			Magnesium	47200			mg/kg
			Manganese	454			mg/kg
			Nickel	17.5			mg/kg
			Sulfide	53.6			mg/kg
			Zinc	89			mg/kg
N2SC-10							
	CS1015	10-15					
			Aluminum	6800			mg/kg
			Aluminum	9660			mg/kg
			Arsenic	5.8			mg/kg
			Arsenic	7.8			mg/kg
			Barium	15.7			mg/kg
			Barium	28.4			mg/kg
			Calcium, Total	1700			mg/kg
			Calcium, Total	935	!		mg/kg
			Chromium	11			mg/kg
			Chromium	7.9			mg/kg
			Cobalt	11.7			mg/kg
			Copper	23.1			mg/kg
			Copper	31.5			mg/kg
			Iron	16900			mg/kg
			Iron	24800			mg/kg
			Magnesium	4390			mg/kg

Table 4-5. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			Magnesium	3020			mg/kg
			Manganese	637			mg/kg
			Manganese	611			mg/kg
			Nickel	15.8			mg/kg
			Nickel	21.2			mg/kg
			Sulfide	15.8			mg/kg
			Sulfide	18.1			mg/kg
			Zinc	60.5			mg/kg
			Zinc	44.5			mg/kg

Qualifier

B *Result is between MDL and RL*

! *Result is between MDL and LOQ*

Table 4-6. Detected Soil Dioxin and Dibenzofuran Concentrations, Newell Street Area II

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
N2SC-08							
	CS0610	6-10					
			1,2,3,4,6,7,8-HpCDF	0.71266			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.04604			µg/kg
			1,2,3,4,7,8-HxCDF	0.15655			µg/kg
			1,2,3,6,7,8-HxCDF	0.06908			µg/kg
			1,2,3,7,8-PeCDF	0.03939			µg/kg
			2,3,4,6,7,8-HxCDF	0.02199			µg/kg
			2,3,4,7,8-PeCDF	0.05302			µg/kg
			2,3,7,8-TCDF	0.06517			µg/kg
			OCDF	0.37187			µg/kg
			TOTAL HpCDF	1.25477			µg/kg
			TOTAL HxCDF	0.68652			µg/kg
			TOTAL PeCDF	0.63311			µg/kg
			TOTAL TCDF	0.55185			µg/kg
	SS22	38-40					
			1,2,3,4,6,7,8-HpCDD	0.51922			µg/kg
			1,2,3,4,6,7,8-HpCDF	0.3677			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.28455			µg/kg
			1,2,3,4,7,8-HxCDD	0.06124			µg/kg
			1,2,3,4,7,8-HxCDF	0.78868			µg/kg
			1,2,3,6,7,8-HxCDD	0.20869			µg/kg
			1,2,3,6,7,8-HxCDF	0.24662			µg/kg
			1,2,3,7,8,9-HxCDD	0.13272			µg/kg
			1,2,3,7,8,9-HxCDF	0.02139			µg/kg
			1,2,3,7,8-PeCDD	0.11253			µg/kg
			1,2,3,7,8-PeCDF	0.05228			µg/kg
			2,3,4,6,7,8-HxCDF	0.18663			µg/kg
			2,3,4,7,8-PeCDF	0.1663			µg/kg
			2,3,7,8-TCDD	0.00361			µg/kg
			2,3,7,8-TCDF	0.1388			µg/kg
			OCDD	0.72647			µg/kg
			OCDF	0.48492			µg/kg
			TOTAL HpCDD	1.2293			µg/kg
			TOTAL HpCDF	1.11004			µg/kg
			TOTAL HxCDD	2.23334			µg/kg

Table 4-6. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			TOTAL HxCDF	2.67642			µg/kg
			TOTAL PeCDD	1.05232			µg/kg
			TOTAL PeCDF	1.82667			µg/kg
			TOTAL TCDD	0.31546			µg/kg
			TOTAL TCDF	0.62475			µg/kg
N2SC-09							
	CS1015	10-15					
			1,2,3,4,6,7,8-HpCDD	0.14515			µg/kg
			1,2,3,4,6,7,8-HpCDF	3.12715			µg/kg
			1,2,3,4,7,8,9-HpCDF	2.5327			µg/kg
			1,2,3,4,7,8-HxCDD	0.02095			µg/kg
			1,2,3,4,7,8-HxCDF	7.97551	E		µg/kg
			1,2,3,6,7,8-HxCDD	0.04683			µg/kg
			1,2,3,6,7,8-HxCDF	3.47631			µg/kg
			1,2,3,7,8,9-HxCDD	0.03351			µg/kg
			1,2,3,7,8,9-HxCDF	0.19081			µg/kg
			1,2,3,7,8-PeCDD	0.0527			µg/kg
			1,2,3,7,8-PeCDF	0.52219			µg/kg
			2,3,4,6,7,8-HxCDF	1.69729			µg/kg
			2,3,4,7,8-PeCDF	1.81489			µg/kg
			2,3,7,8-TCDD	0.0017	J		µg/kg
			2,3,7,8-TCDF	1.03491	E		µg/kg
			OCDD	0.26909			µg/kg
			OCDF	3.35095			µg/kg
			TOTAL HpCDD	0.44725			µg/kg
			TOTAL HpCDF	9.06709	E		µg/kg
			TOTAL HxCDD	0.54785			µg/kg
			TOTAL HxCDF	24.6755	E		µg/kg
			TOTAL PeCDD	0.31394			µg/kg
			TOTAL PeCDF	15.5241	E		µg/kg
			TOTAL TCDD	0.23854			µg/kg
			TOTAL TCDF	6.11388	E		µg/kg
	CS3640	36-40					
			1,2,3,4,6,7,8-HpCDF	0.45983			µg/kg
			1,2,3,4,7,8,9-HpCDF	0.45495			µg/kg
			1,2,3,4,7,8-HxCDF	1.4729			µg/kg
			1,2,3,6,7,8-HxCDF	0.59902			µg/kg
			1,2,3,7,8-PeCDF	0.07124			µg/kg

Table 4-6. (continued)

Location	Sample Name	Sample Depth (feet)	Compound	Result	Qualifier	Modifier	Units
			2,3,4,6,7,8-HxCDF	0.29617			µg/kg
			2,3,4,7,8-PeCDF	0.29673			µg/kg
			2,3,7,8-TCDF	0.14295			µg/kg
			OCDF	0.50278			µg/kg
			TOTAL HpCDD	0.02174			µg/kg
			TOTAL HpCDF	1.36197			µg/kg
			TOTAL HxCDD	0.03982			µg/kg
			TOTAL HxCDF	4.17269	E		µg/kg
			TOTAL PeCDF	2.48101			µg/kg
			TOTAL TCDD	0.01896			µg/kg
			TOTAL TCDF	0.55872			µg/kg
N2SC-10							
	CS1015	10-15					
			OCDD	0.0325			µg/kg
			OCDF	0.00295	J		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 11-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NEWELL STREET AREA II
SOIL BORING PROGRAM
APPENDIX IX + 3 SAMPLE DATA RECEIVED DURING MAY 2001

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

Parameter / Sample ID:	RAA13-2	RAA13-3	RAA13-3	RAA13-3
Sample Depth(Feet):	1-3	0-1	3-6	4-6
Date Collected:	05/02/01	05/02/01	05/02/01	05/02/01
Volatile Organics				
None Detected	--	--	NS	--
Semivolatile Organics				
Acenaphthene	5.0	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Anthracene	8.5	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Benzo(a)anthracene	9.2	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Benzo(a)pyrene	9.5	ND(0.47) [0.72]	ND(0.58)	NS
Benzo(b)fluoranthene	9.5	0.49 [0.80]	ND(0.58)	NS
Benzo(g,h,i)perylene	5.6	ND(0.47) [0.72]	ND(0.58)	NS
Benzo(k)fluoranthene	7.6	ND(0.47) [0.65]	ND(0.58)	NS
Chrysene	8.7	ND(0.47) [0.67]	ND(0.58)	NS
Dibenzo(a,h)anthracene	1.3	ND(0.94) [ND(1.0)]	ND(1.2)	NS
Dibenzofuran	2.4	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Fluoranthene	19	0.57 [1.0]	ND(0.58)	NS
Fluorene	3.8	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Indeno(1,2,3-cd)pyrene	7.8	ND(0.94) [ND(1.0)]	ND(1.2)	NS
Naphthalene	5.0	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Phenanthrene	19	ND(0.47) [ND(0.51)]	ND(0.58)	NS
Pyrene	17	0.66 [1.2]	ND(0.58)	NS
Furans				
2,3,7,8-TCDF	ND(0.000011)	0.00053 [0.0053]	ND(0.0000088)	NS
TCDFs (total)	ND(0.000011)	0.0014 [0.021]	ND(0.0000088)	NS
1,2,3,7,8-PeCDF	0.000058	0.00091 w [0.000036]	ND(0.0000079)	NS
2,3,4,7,8-PeCDF	ND(0.0000083)	0.00046 [0.00011]	ND(0.0000076)	NS
PeCDFs (total)	0.000058	0.0057 [0.0027]	ND(0.0000076)	NS
1,2,3,4,7,8-HxCDF	ND(0.0000089)	ND(0.00013) [0.00082]	ND(0.0000065)	NS
1,2,3,6,7,8-HxCDF	0.0011 I	0.029 I [0.0060 I]	ND(0.0000055)	NS
1,2,3,7,8,9-HxCDF	ND(0.000013)	ND(0.00018) [0.000043 w]	ND(0.0000092)	NS
2,3,4,6,7,8-HxCDF	ND(0.0000092)	0.00019 w [0.00038]	ND(0.0000067)	NS
HxCDFs (total)	0.0012	0.048 [0.025]	ND(0.0000055)	NS
1,2,3,4,6,7,8-HpCDF	0.000024	0.0020 [0.0017]	ND(0.0000044)	NS
1,2,3,4,7,8,9-HpCDF	ND(0.0000067)	0.00026 [0.00059]	ND(0.0000062)	NS
HpCDFs (total)	0.000024	0.0059 [0.0094]	ND(0.0000044)	NS
OCDF	0.000021 w	0.0010 [0.00049]	ND(0.0000097)	NS
Total Furans	0.0013	0.062 [0.059]	ND(0.0000097)	NS
Dioxins				
2,3,7,8-TCDD	ND(0.0000038)	ND(0.000011) [ND(0.000021)]	ND(0.0000072)	NS
TCDDs (total)	ND(0.000011)	ND(0.000011) [0.00052]	ND(0.0000072)	NS
1,2,3,7,8-PeCDD	ND(0.000015)	ND(0.000090) [ND(0.000025)]	ND(0.0000099)	NS
PeCDDs (total)	ND(0.000015)	ND(0.000090) [0.00034]	ND(0.0000099)	NS
1,2,3,4,7,8-HxCDD	ND(0.000013)	ND(0.000040) [0.0000093 w]	ND(0.000010)	NS
1,2,3,6,7,8-HxCDD	ND(0.0000088)	ND(0.000027) [0.0000081 w]	ND(0.0000068)	NS
1,2,3,7,8,9-HxCDD	ND(0.000011)	ND(0.000032) [0.000018]	ND(0.0000082)	NS
HxCDDs (total)	ND(0.0000088)	ND(0.000027) [0.00019]	ND(0.0000068)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.0000066)	0.00011 [0.000076]	ND(0.0000066)	NS
HpCDDs (total)	ND(0.0000066)	0.00011 [0.00016]	ND(0.0000066)	NS
OCDD	0.000025	0.00036 [0.00025]	0.000015 B	NS
Total Dioxins	0.000025	0.00047 [0.0015]	0.000015	NS
Total TEQs (MDEP TEFs)	0.00014	0.0043 [0.0021]	0.000000015	NS
Total TEQs (EPA TEFs)	0.00011	0.0033 [0.0013]	0.000000015	NS

TABLE 11-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NEWELL STREET AREA II
SOIL BORING PROGRAM
APPENDIX IX + 3 SAMPLE DATA RECEIVED DURING MAY 2001

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

Parameter / Sample ID:	RAA13-2	RAA13-3	RAA13-3	RAA13-3
Sample Depth(Feet):	1-3	0-1	3-6	4-6
Date Collected:	05/02/01	05/02/01	05/02/01	05/02/01
Inorganics				
Antimony	ND(11.0)	1.50 J* [ND(13.0)]	ND(16.0)	NS
Arsenic	7.10 J*	13.0 J* [11.0 J*]	5.00 J*	NS
Barium	25.0 J*	60.0 [55.0]	39.0 J*	NS
Beryllium	0.250	0.360 [0.310]	0.400	NS
Cadmium	ND(1.80)	0.140 J* [ND(2.10)]	ND(2.60)	NS
Chromium	7.00	16.0 [14.0]	12.0	NS
Cobalt	9.60	14.0 [11.0]	8.90 J*	NS
Copper	22.0	61.0 [54.0]	18.0 J*	NS
Cyanide	ND(1.00)	ND(1.00) [0.0590 J*]	ND(1.00)	NS
Lead	15.0	140 [120]	13.0	NS
Mercury	ND(0.250)	0.350 [0.360]	ND(0.350)	NS
Nickel	15.0	26.0 [22.0]	15.0	NS
Selenium	ND(0.920)	0.900 J* [ND(1.00)]	ND(1.30)	NS
Sulfide	20.0	16.0 [27.0]	94.0	NS
Thallium	1.00 J*	1.50 J* [1.30 J*]	ND(2.60)	NS
Tin	ND(9.20)	7.80 J* [7.70 J*]	5.10 J*	NS
Vanadium	9.80	19.0 [17.0]	12.0 J*	NS
Zinc	50.0	160 [130]	59.0	NS

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding pesticides ad herbicides).
2. ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
3. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
4. J* - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
5. Duplicate sample results are presented in brackets.
6. B - Analyte was also detected in the associated method blank.
7. I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
8. w - Estimated maximum possible concentration.
9. Total dioxins/furans determined as the sum of the total homolog concentrations, non-detect values considered as zero.
10. 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, per technical Attachment F to the SOW.
11. -- Indicates that all analytes for a parameter group (e.g., volatiles) are not detected.
12. NS - Not Sampled - Parameter was not requested on sample chain of custody form.