

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
CELL 13 DNAPL SAMPLING
VOC, PCB AND SVOC DATA RECEIVED DURING JUNE 2002

(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	HR-13-DNAPL-1 05/24/02
Volatile Organics		
Acetone		2600 BE
Methylene Chloride		260
PCBs		
None Detected		--
Semivolatile Organics		
Acenaphthene		7100
Acenaphthylene		2500
Anthracene		7900
Benzo(a)anthracene		3500
Benzo(a)pyrene		2600
Benzo(b)fluoranthene		1900
Benzo(g,h,i)perylene		690 J
Benzo(k)fluoranthene		720 J
Chrysene		2700
Dibenzo(a,h)anthracene		280 J
Dibenzo(furan)		570 J
Fluoranthene		6500
Fluorene		9000
Indeno(1,2,3-cd)pyrene		630 J
Phenanthrene		28000
Pyrene		14000

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis of volatiles, PCBs and semivolatiles.
2. -- Indicates that the results for all analytes of the parameter group are non-detect.
3. With the exception of PCBs only detected constituents are summarized.

Data Qualifiers:

Organics

- B - Analyte was also detected in the associated method blank.
E - Analyte exceeded calibration range.
J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
DALTON HARDWOOD/BROWN'S PIT-BACKFILL SOIL SAMPLING
PCB SAMPLE DATA RECEIVED DURING JUNE 2002

(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DII-060302-BF-1	6/3/2002	ND(0.0518)	ND(0.0518)	ND(0.0518)	ND(0.0518)	ND(0.0518)	ND(0.0518)	ND(0.0518)	ND(0.0518)
DII-060302-BF-2	6/3/2002	ND(0.0528)	ND(0.0528)	ND(0.0528)	ND(0.0528)	ND(0.0528)	ND(0.0528)	ND(0.0528)	ND(0.0528)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and were submitted to Northeast Analytical Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.

TABLE 3-A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

JUNE 2002

UPPER 1/2 MILE REACH REMOVAL ACTION
HOUSATONIC RIVER PCB/TSS/TURBIDITY MONITORING DURING CONSTRUCTION

Location	Date	Water Depth (ft)	Water Temp. (°C)	Estimated Flow ¹⁴ (cfs)	Turbidity (ntu) ¹¹			Sample ID	Total PCB Concentration ¹² (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
					High	Low	Daily Composite				
Upstream of Newell St. Bridge	06/03/2002	1.9	18	77	5	3	4	---	---	---	---
Downstream of Lyman St. Bridge	06/03/2002	2.1	18		4	2	3	---	---	---	---
Upstream of Newell St. Bridge	06/04/2002	1.8	18	55	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/04/2002	2.0	18		5	2	2	---	---	---	---
Upstream of Newell St. Bridge	06/05/2002	1.7	12	58	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/05/2002	1.9	12		3	2	2	---	---	---	---
Upstream of Newell St. Bridge	06/06/2002	3.6	17	279	20	8	19	HR-6-6-02-U1	0.0497	ND(0.0250)	50.2
Downstream of Lyman St. Bridge	06/06/2002	3.3	17		25	8	22	HR-6-6-02-D1	0.973	0.0596	46.0
Upstream of Newell St. Bridge	06/07/2002	4.5	15	422	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	06/07/2002	4.2	15		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	06/10/2002	2.1	13	85	2	1	2	---	---	---	---
Downstream of Lyman St. Bridge	06/10/2002	1.9	13		3	1	2	---	---	---	---
Upstream of Newell St. Bridge	06/11/2002	2.0	18	74	4	2	5	---	---	---	---
Downstream of Lyman St. Bridge	06/11/2002	1.8	18		3	2	3	---	---	---	---
Upstream of Newell St. Bridge	06/12/2002	1.9	15	82	4	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/12/2002	1.7	15		3	2	3	---	---	---	---
Upstream of Newell St. Bridge	06/13/2002	2.0	14	87	4	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/13/2002	1.8	14		3	2	4	---	---	---	---
Upstream of Newell St. Bridge	06/14/2002	1.9	12	71	5	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/14/2002	1.7	12		4	2	4	---	---	---	---
Upstream of Newell St. Bridge	06/17/2002	2.8	13	147	4	2	7	---	---	---	---
Downstream of Lyman St. Bridge	06/17/2002	2.3	13		5	3	3	---	---	---	---
Upstream of Newell St. Bridge	06/18/2002	2.3	17	111	2	2	2	---	---	---	---
Downstream of Lyman St. Bridge	06/18/2002	2.0	17		5	2	3	---	---	---	---
Upstream of Newell St. Bridge	06/19/2002	2.0	16	83	5	3	4	HR-6-19-02-U1	NR	NR	NR
Downstream of Lyman St. Bridge	06/19/2002	1.8	16		9	4	4	HR-6-19-02-D1	NR	NR	NR
Upstream of Newell St. Bridge	06/20/2002	1.9	19	62	6	2	5	---	---	---	---
Downstream of Lyman St. Bridge	06/20/2002	1.7	19		10	3	3	---	---	---	---
Upstream of Newell St. Bridge	06/21/2002	1.9	17	51	7	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/21/2002	1.7	17		3	2	2	---	---	---	---
Upstream of Newell St. Bridge	06/24/2002	2.2	18	103	6	3	6	---	---	---	---
Downstream of Lyman St. Bridge	06/24/2002	1.9	18		3	2	2	---	---	---	---

TABLE 3-A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

JUNE 2002

UPPER 1/2 MILE REACH REMOVAL ACTION
HOUSATONIC RIVER PCB/TSS/TURBIDITY MONITORING DURING CONSTRUCTION

Location	Date	Water Depth (ft)	Water Temp. (°C)	Estimated Flow ¹¹ (cfs)	Turbidity (ntu) ¹¹			Sample ID	Total PCB Concentration ¹² (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
					High	Low	Daily Composite				
Upstream of Newell St. Bridge	06/25/2002	1.9	19	65	5	2	4	---	---	---	---
Downstream of Lyman St. Bridge	06/25/2002	1.6	19		8	3	5	---	---	---	---
Upstream of Newell St. Bridge	06/26/2002	1.8	20	47	6	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/26/2002	1.5	20		5	2	3	---	---	---	---
Upstream of Newell St. Bridge	06/27/2002	1.7	18	46	12	4	4	---	---	---	---
Downstream of Lyman St. Bridge	06/27/2002	1.5	18		6	4	5	---	---	---	---
Upstream of Newell St. Bridge	06/28/2002	1.7	20	60	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	06/28/2002	1.5	20		6	2	3	---	---	---	---

Notes:

1. PCB and TSS samples were collected by Blasland, Bouck & Lee, Inc. and analyzed by Northeast Analytical, Inc.
2. Water depth taken at sampling point (i.e. middle of river).
3. ft - Feet
4. °C - degrees Celsius
5. cfs - cubic feet per second
6. ntu - nephelometric turbidity units
7. --- - No data obtained
8. NR - Not yet reported
9. ug/l - micrograms per liter
10. mg/l - milligrams per liter
11. Turbidity Action Level = Turbidity downstream ≤ Turbidity upstream + 50 ntu
12. PCB Action Level = PCBs downstream ≤ PCBs upstream + 5 ug/l
13. NS - Not sampled due to frozen river conditions or high flow.
14. Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday. (Flow data is provisional and may be subject to revision).
15. ND(0.25) - Compound was analyzed for but not detected at the quantitation limit indicated in parentheses.
16. [] - Duplicate sample result

TABLE 3B

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
HOUSATONIC RIVER PCB/TSS MONITORING DURING CONSTRUCTION
DATA RECEIVED DURING JUNE 2002

(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor 1016, 1232 & 1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
HR-5-23-02-U1	Upstream of Newell St. Bridge	5/23/2002	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	0.0000906 AF	0.0000680	0.000159	3.30
HR-5-23-02-D1	Downstream of Lyman St. Bridge	5/23/2002	ND(0.0000750)	0.0000868 PB	0.000170 PE	0.000433 AF	0.000560	0.00125	2.70
HR-5-23-02-U1 (FILTERED)	Upstream of Newell St. Bridge	5/23/2002	ND(0.0000260)	ND(0.0000260)	ND(0.0000260)	ND(0.0000260)	ND(0.0000260)	ND(0.0000260)	--
HR-5-23-02-D1 (FILTERED)	Downstream of Lyman St. Bridge	5/23/2002	ND(0.0000250)	0.0000915PB	0.0000491 PE	0.0000582 AF	0.0000321	0.000231	--
HR-6-6-02-U1	Upstream of Newell St. Bridge	6/6/2002	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	0.0000497 AF	ND(0.0000250)	0.0000497	50.2
HR-6-6-02-D1	Downstream of Lyman St. Bridge	6/6/2002	ND(0.0000500)	ND(0.0000500)	0.000213 PE	0.000499 AF	0.000261	0.000973	46.0
HR-6-6-02-U1 (FILTERED)	Upstream of Newell St. Bridge	6/6/2002	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	--
HR-6-6-02-D1 (FILTERED)	Downstream of Lyman St. Bridge	6/6/2002	ND(0.0000250)	ND(0.0000250)	0.0000323 PE	0.0000273 AF	ND(0.0000250)	0.0000596	--

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical Services, Inc. for analysis of filtered and unfiltered PCBs and total suspended solids (TSS).
2. ND(0.10) - Analyte was not detected. The value in parentheses is the associated detection limit.
3. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
4. PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
6. --- Not analyzed.

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER UPPER 1/2 MILE REACH
BUSHIKA SAND AND GRAVEL ISOLATION LAYER SAND SAMPLING
DATA RECEIVED DURING JUNE 2002

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

Parameter	Sample ID: Date Collected:	BSG-060302-BF-1 06/03/02	BSG-060302-TOC-1 06/03/02	BSG-060302-TOC-2 06/03/02
Volatile Organics				
Acetone		0.0329 B [0.0302 B]	NS	NS
PCBs				
None Detected		--	--	--
Semivolatile Organics				
Benzo(b)fluoranthene		0.0579 J [ND(0.38)]	NS	NS
Diethylphthalate		0.102 J [ND(0.38)]	NS	NS
Pyrene		0.0842 J [ND(0.38)]	NS	NS
Volatile Petroleum Hydrocarbons				
None Detected		--	--	--
Inorganics				
Arsenic		12.7 [12.1]	NS	NS
Barium		29.2 [24.7]	NS	NS
Chromium		7.72 [7.16]	NS	NS
Lead		16.8 [8.94]	NS	NS
Total Organic Carbon (TOC)				
TOC - Replicate 1		NS	13600	7950
TOC - Replicate 2		NS	7360	13300
TOC - Replicate 3		NS	7170	7650
TOC - Replicate 4		NS	6310	8340
TOC - Average		NS	8610	9320
TOC - % RSD		NS	39.1	28.9

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis of volatiles, PCBs, semivolatiles, volatile petroleum hydrocarbons (VPH), metals and total organic carbon (TOC).
2. % RSD - Percent relative standard deviation.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Duplicate sample results are presented in brackets.
6. -- Indicates that the results for all analytes of the parameter group are non-detect.

Data Qualifiers:

Organics

- B - Analyte was also detected in the associated method blank.
J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JUNE 2002

Date	Sampler Location	Average Site Concentration (mg/m ³)	BM-1 (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
06/03/02	AM-6 (south side of river)	0.004	0.003	11:00	NW
06/04/02	AM-6 (south side of river)	0.005	0.005	10:45	SSW
06/05/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
06/06/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
06/07/02	AM-6 (south side of river)	0.006	0.010	6:00 ²	E
06/10/02	AM-6 (south side of river)	0.003	0.005	10:45	W
06/11/02	AM-6 (south side of river)	0.027	0.036	10:30	W
06/12/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
06/13/02	AM-6 (south side of river)	0.003	0.005	10:00	Calm
06/14/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
06/17/02	AM-6 (south side of river)	0.011	0.007	10:45	WSW
06/18/02	AM-6 (south side of river)	NA ³	0.009	NA ⁴	W, WNW
06/19/02	AM-6 (south side of river)	0.013	0.013	3:45 ⁵	NW
06/20/02	AM-6 (south side of river)	0.009	0.013	9:00	SSW
06/21/02	AM-6 (south side of river)	0.024	0.033	11:00	WSW
06/24/02	AM-6 (south side of river)	0.009	0.013	10:45	NNW
06/25/02	AM-6 (south side of river)	0.007	0.010	10:30	SW
06/26/02	AM-6 (south side of river)	0.042	0.058	10:15	SW
06/27/02	AM-6 (south side of river)	0.031	0.040	8:00	SW
06/28/02	AM-6 (south side of river)	0.011	0.016	8:00	WNW, NW
Notification Level		0.120			

NA - Not Available

AM-6: Air monitoring location in the GE parking lot located off of Newell Street.

BM-1: Background monitoring location located inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.

¹ Sampling was not performed due to precipitation/threat of precipitation.

² Sampling period was shortened due to precipitation/threat of precipitation.

³ Sampling data is not available due to equipment failure.

⁴ Sampling period is not available due to equipment failure.

⁵ Sampling period was shortened due to unexplained power failure.

TABLE 6

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
AMBIENT AIR PCB DATA RECEIVED DURING JUNE 2002

Date	BM-1 ug/m ³	AM-5 ug/m ³	AM-5 co-located ug/m ³	AM-6 ug/m ³	AM-7 ug/m ³	AM-8 ug/m ³
06/10 - 06/11/02	0.0019	0.0081	0.0083	0.0046	0.0157	NA ¹
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

NA - Not Available

¹ Sample was not analyzed due to breakage in the laboratory.

Notes:

- BM-1: Background monitoring location west of Bldg. 42
- AM-5: Air monitoring location north bank, east of Bldg. 63
- AM-6: Air monitoring location south bank, north edge of GE Newell St. parking area.
- AM-7: Air monitoring location north bank, south end of GE Lyman St. Parking Lot.
- AM-8: Air monitoring location south bank, at Lyman Street Bridge