

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER UPPER 1/2 MILE REACH
CELL G1 AND CELL G2 ISOLATION LAYER CAP SAMPLING
DATA RECEIVED DURING FEBRUARY 2002

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

Sample ID:	CAP-MON-1-2A	CAP-MON-1-2B	CAP-MON-1-2C	CAP-MON-2-2A	CAP-MON-2-2B	CAP-MON-2-2C	CAP-MON-3-2A	CAP-MON-3-2B	CAP-MON-3-2C
Sample Depth (Feet):	0-0.6	0-0.7	0-0.6	0-2	0-2.5	0-1.7	0-1.5	0-1	0-0.9
Parameter Date Collected:	01/22/02	01/22/02	01/22/02	01/22/02	01/22/02	01/22/02	01/22/02	01/22/02	01/22/02
Total Organic Carbon									
TOC - Replicate 1	767	2920	1420	884	1170 [1100]	631	1150	1110	1500
TOC - Replicate 2	682	1260	1260	582	1410 [958]	797	927	1370	827
TOC - Replicate 3	659	1350	895	899	840 [676]	967	1110	1070	657
TOC - Replicate 4	NA	NA	NA	NA	1040[NA]	NA	NA	1530	1750
TOC - Average	703	1850	1190	788	1120 [910]	798	1060	1270	1180
TOC - % RSD	8.10	50.5	22.7	22.7	21.6 [23.5]	21.0	11.1	17.3	44.4

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis of total organic carbon (TOC).
2. % RSD - Percent relative standard deviation.
3. Duplicate sample results are presented in brackets.
4. NA - Not Analyzed - TOC Replicate 4 is only analyzed and reported by laboratory when the % RSD of Replicate 1 thru Replicate 3 is greater than 25%.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER UPPER 1/2 MILE REACH
CELL J1 ISOLATION LAYER CAP SAMPLING
DATA RECEIVED DURING FEBRUARY 2002

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

Sample ID: Sample Depth(inches): Parameter Date Collected:	CAP-MON-6 0-14 01/30/02	CAP-MON-6 2-4 01/30/02	CAP-MON-6 4-6 01/30/02	CAP-MON-6 6-8 01/30/02	CAP-MON-6A 0-12 02/05/02	CAP-MON-6B 0-12 02/05/02
PCBs						
Aroclor-1016	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1221	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1232	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1242	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1248	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1254	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Aroclor-1260	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Total PCBs	NS	ND(0.0610) [ND(0.0586)]	ND(0.0605)	ND(0.0616)	NS	NS
Total Organic Carbon						
TOC - Replicate 1	7420	7640 [7190]	12600	2140	11000	9600
TOC - Replicate 2	8660	9370 [11600]	11700	7400	8900	9300
TOC - Replicate 3	6920	9030 [8580]	12300	8550	10000	13000
TOC - Replicate 4	NA	NA	NA	6010	NA	NA
TOC - Average	7670	8680 [9120]	12200	6030	10000	11000
TOC - % RSD	11.7	10.6 [24.6]	3.73	46.3	11	18

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis of PCBs and total organic carbon (TOC).
2. % RSD - Percent relative standard deviation.
3. Duplicate sample results are presented in brackets.
4. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
5. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
6. NA - Not Analyzed - TOC Replicate 4 is only analyzed and reported by laboratory when the % RSD of Replicate 1 thru Replicate 3 is greater than 25%.

TABLE 3A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FEBRUARY 2002

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

Location	Date	Water Depth (ft)	Water Temp. (°C)	Estimated Flow ¹⁶ (cfs)	Turbidity (ntu) ¹³			Sample ID	Total PCB Concentration ¹⁴ (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
					High	Low	Daily Composite				
Upstream of Newell St. Bridge	02/01/2002	1.9	1	63	23	3	13	---	---	---	---
Downstream of Lyman St. Bridge	02/01/2002	3.0	1		22	3	11	---	---	---	---
Upstream of Newell St. Bridge	02/04/2002	1.7	1	52	5	2	3	---	---	---	---
Downstream of Lyman St. Bridge	02/04/2002	2.8	1		5	2	2	---	---	---	---
Upstream of Newell St. Bridge	02/05/2002	1.7	0	41	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/05/2002	2.8	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/06/2002	1.7	0	36	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/06/2002	2.8	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/07/2002	1.7	4	36	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/07/2002	2.8	4		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/08/2002	1.8	5	40	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/08/2002	2.8	5		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/11/2002	3.1	4	152	27	18	26	---	---	---	---
Downstream of Lyman St. Bridge	02/11/2002	4.1	4		45	23	34	---	---	---	---
Upstream of Newell St. Bridge	02/12/2002	2.4	0	99	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/12/2002	3.4	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/13/2002	1.9	0	63	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/13/2002	3.0	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	02/14/2002	1.9	0	43	5	4	5	HR-2-14-02-U1	NR	NR	NR
Downstream of Lyman St. Bridge	02/14/2002	2.8	0		5	4	4	HR-2-14-02-D1	NR	NR	NR
Upstream of Newell St. Bridge	02/15/2002	1.5	1	42	6	3	3	---	---	---	---
Downstream of Lyman St. Bridge	02/15/2002	2.6	1		14	3	6	---	---	---	---
Upstream of Newell St. Bridge	02/19/2002	1.5	6	37	13	3	6	---	---	---	---
Downstream of Lyman St. Bridge	02/19/2002	2.5	6		5	2	3	---	---	---	---
Upstream of Newell St. Bridge	02/20/2002	1.5	10	40	3	2	2	---	---	---	---
Downstream of Lyman St. Bridge	02/20/2002	2.5	10		6	2	3	---	---	---	---
Upstream of Newell St. Bridge	02/21/2002	2.2	12	92	11	4	11	---	---	---	---
Downstream of Lyman St. Bridge	02/21/2002	3.3	12		12	6	8	---	---	---	---
Upstream of Newell St. Bridge	02/22/2002	2.5	8	107	9	3	5	---	---	---	---
Downstream of Lyman St. Bridge	02/22/2002	3.5	8		10	3	6	---	---	---	---
Upstream of Newell St. Bridge	02/25/2002	1.8	9	63	4	3	3	---	---	---	---
Downstream of Lyman St. Bridge	02/25/2002	2.9	9		6	3	5	---	---	---	---
Upstream of Newell St. Bridge	02/26/2002	1.8	10	65	5	2	3	HR-2-26-02-U1	NR	NR	NR
Downstream of Lyman St. Bridge	02/26/2002	2.9	10		4	2	3	HR-2-26-02-D1	NR	NR	NR
Upstream of Newell St. Bridge	02/27/2002	1.9	5	83	5	2	4	---	---	---	---
Downstream of Lyman St. Bridge	02/27/2002	3.0	5		5	3	4	---	---	---	---
Upstream of Newell St. Bridge	02/28/2002	2.0	4	74	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	02/28/2002	3.0	4		5	3	4	---	---	---	---

TABLE 3A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FEBRUARY 2002

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

Notes:

1. PCB and TSS samples were collected by Blasland, Bouck & Lee, Inc. and analyzed by Northeast Analytical, Inc. or on 9/27/00 CT&E Environmental Services 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. ND(0.25) - Compound was analyzed for but not detected at the quantitation limit indicated in parentheses.
9. NR - Not yet reported
10. ug/l - micrograms per liter
11. mg/l - milligrams per liter
12. [] - Duplicate sample result
13. Turbidity Action Level = Turbidity downstream \leq Turbidity upstream + 50 ntu
14. PCB Action Level = PCBs downstream \leq PCBs upstream + 5 ug/l
15. NS - Not sampled due to frozen river conditions or high flow.
16. 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).

TABLE 3B

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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

(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
HR-1-31-02-U1	Upstream of Newell St. Bridge	1/31/02	ND(0.0000269)	0.0000977 AF	0.0000288	0.000127	3.70
HR-1-31-02-D1	Downstream of Lyman St. Bridge	1/31/02	ND(0.0000250) [ND(0.0000250)]	0.0000829 AF [0.0000725 AF]	0.0000390 [ND(0.0000250)]	0.000122 [0.0000725]	2.90 [3.80]
HR-1-31-02-U1(FILTERED)	Upstream of Newell St. Bridge	1/31/02	ND(0.0000298)	ND(0.0000298)	ND(0.0000298)	ND(0.0000298)	--
HR-1-31-02-D1(FILTERED)	Downstream of Lyman St. Bridge	1/31/02	ND(0.0000250) [ND(0.0000255)]	ND(0.0000250) [ND(0.0000255)]	ND(0.0000250) [ND(0.0000255)]	ND(0.0000250) [ND(0.0000255)]	--
HR-2-14-02-U1	Upstream of Newell St. Bridge	2/14/02	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	1.70
HR-2-14-02-D1	Downstream of Lyman St. Bridge	2/14/02	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	1.20
HR-2-14-02-U1(FILTERED)	Upstream of Newell St. Bridge	2/14/02	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	--
HR-2-14-02-D1(FILTERED)	Downstream of Lyman St. Bridge	2/14/02	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	--

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. --- - Not analyzed.
5. Blind duplicate results are presented in brackets.

TABLE 4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER UPPER 1/2 MILE REACH
BUSHIKA SAND AND GRAVEL BACKFILL SAMPLING
DATA RECEIVED DURING FEBRUARY 2002

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

Parameter	Sample ID: Date Collected:	BSG-PCB-1 02/19/02	BSG-PCB-2 02/19/02	BSG-TOC-1 02/19/02	BSG-TOC-2 02/19/02	BSG-TOC-3 02/19/02	BSG-TOC-4 02/19/02	BSG-BF-20 01/28/02
PCBs								
None Detected		ND(0.0565)	ND(0.0572)	NS	NS	NS	NS	ND(0.0572) [ND(0.0564)]
Total Organic Carbon								
TOC - Replicate 1		NS	NS	8810	8430	7800	12500	NS
TOC - Replicate 2		NS	NS	7480	10200	9070	7540	NS
TOC - Replicate 3		NS	NS	10900	8000	12100	8280	NS
TOC - Replicate 4		NS	NS	NA	NA	NA	9210	NS
TOC - Average		NS	NS	9070	8870	9650	9390	NS
TOC - % RSD		NS	NS	19.2	13.0	22.8	23.5	NS

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis of PCBs and total organic carbon (TOC)
2. % RSD - Percent relative standard deviation
3. NA - Not Analyzed - TOC Replicate 4 is only analyzed and reported by laboratory when the % RSD of Replicate 1 thru Replicate 3 is greater than 25%
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. NS - Not Sampled - Parameter was not requested on sample chain of custody form.

TABLE 5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DH-BF-21	1/28/02	ND(0.0559)	ND(0.0559)	ND(0.0559)	ND(0.0559)	ND(0.0559)	ND(0.0559)	ND(0.0559)	ND(0.0559)

Notes:

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

TABLE 6

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER UPPER 1/2 MILE REACH
 UNKNOWN DRUM SAMPLING
 DATA RECEIVED DURING FEBRUARY 2002

(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
12X-64912-J1-1	2/15/02	ND(0.0662)	ND(0.0662)	14.2	14.2
12X-64913-I1-1	2/15/02	ND(10.3)	459	ND(10.3)	459
12X-35279-1	2/15/02	ND(11.7)	385	ND(11.7)	385

Notes:

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

TABLE 7

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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

Date	Sampler Location	Average Site Concentration (mg/m ³)	BM-1 (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
02/01/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
02/04/02	AM-6 (south side of river)	0.012	0.009	9:15	NNW, NNE, N
02/05/02	AM-6 (south side of river)	0.012	0.009	13:15	WNW, NW
02/06/02	AM-6 (south side of river)	0.014	0.012	9:15	WNW
02/07/02	AM-6 (south side of river)	0.035	0.033	12:45	SSW
02/08/02	AM-6 (south side of river)	0.011	0.007	9:00	NW
02/11/02	AM-6 (south side of river)	0.009	0.009	10:15	N, NNW
02/12/02	AM-6 (south side of river)	0.009	0.010	9:15	SW
02/13/02	AM-6 (south side of river)	0.012	0.008	7:30 ²	WNW, NW
02/14/02	AM-6 (south side of river)	0.010	0.009	9:45	SW
02/15/02	AM-6 (south side of river)	0.013	0.013	9:15	SW, SSW
02/18/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
02/19/02	AM-6 (south side of river)	0.014	0.012	9:30	W
02/20/02	AM-6 (south side of river)	0.021	0.020	8:30	ESE
02/21/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
02/22/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
02/25/02 ³	AM-6 (south side of river)	0.017	0.063	9:00	SSW
02/26/02	AM-6 (south side of river)	0.024	0.023	9:30	S
02/27/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
02/28/02	AM-6 (south side of river)	0.009	0.002	9:15	WNW
Notification Level		0.120			

BM-1: Background monitoring location west of Bldg 42.

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

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

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

TABLE 8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
AMBIENT AIR PCB DATA RECEIVED DURING FEBRUARY 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
02/15 - 02/16/02	NA ¹	0.0029	0.0032	0.0019	0.0038	0.0018
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

¹ Sample was not analyzed. This sample did not meet sample validity requirements. Sampler did not run for the required 24 hour period due to

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, corner of Hathaway and Sackett Streets.