

TABLE 1-A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

APRIL 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	04/01/2002	---	0	349	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	04/01/2002	---	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	04/02/2002	3.8	0	215	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	04/02/2002	---	0		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	04/03/2002	3.0	4	177	5	2	5	---	---	---	---
Downstream of Lyman St. Bridge	04/03/2002	3.7	4		17	5	18	---	---	---	---
Upstream of Newell St. Bridge	04/04/2002	---	---	218	NS	NS	NS	---	---	---	---
Downstream of Lyman St. Bridge	04/04/2002	---	---		NS	NS	NS	---	---	---	---
Upstream of Newell St. Bridge	04/05/2002	2.9	2	157	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/05/2002	3.7	2		3	2	2	---	---	---	---
Upstream of Newell St. Bridge	04/08/2002	2.5	2	118	5	2	2	---	---	---	---
Downstream of Lyman St. Bridge	04/08/2002	3.2	2		6	3	4	---	---	---	---
Upstream of Newell St. Bridge	04/09/2002	2.5	1	97	3	1	2	---	---	---	---
Downstream of Lyman St. Bridge	04/09/2002	3.2	1		3	1	2	---	---	---	---
Upstream of Newell St. Bridge	04/10/2002	2.8	6	150	8	4	6	---	---	---	---
Downstream of Lyman St. Bridge	04/10/2002	3.5	6		6	4	5	---	---	---	---
Upstream of Newell St. Bridge	04/11/2002	2.8	5	138	5	3	5	HR-4-11-02-U1	1.05	0.115	3.10
Downstream of Lyman St. Bridge	04/11/2002	3.6	5		5	3	5	HR-4-11-02-D1	0.578	0.0815	6.80
Upstream of Newell St. Bridge	04/12/2002	2.5	7	105	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/12/2002	3.5	7		3	2	4	---	---	---	---
Upstream of Newell St. Bridge	04/15/2002	3.2	6	261	7	3	3	---	---	---	---
Downstream of Lyman St. Bridge	04/15/2002	3.9	6		5	3	14	---	---	---	---
Upstream of Newell St. Bridge	04/16/2002	3.7	5	224	7	4	5	---	---	---	---
Downstream of Lyman St. Bridge	04/16/2002	4.3	5		15	8	13	---	---	---	---
Upstream of Newell St. Bridge	04/17/2002	2.8	8	142	5	3	9	---	---	---	---
Downstream of Lyman St. Bridge	04/17/2002	3.7	8		6	3	7	---	---	---	---
Upstream of Newell St. Bridge	04/18/2002	2.5	9	109	5	2	6	---	---	---	---
Downstream of Lyman St. Bridge	04/18/2002	3.4	9		6	4	5	---	---	---	---
Upstream of Newell St. Bridge	04/19/2002	2.3	12	96	5	3	5	---	---	---	---
Downstream of Lyman St. Bridge	04/19/2002	3.2	12		6	4	4	---	---	---	---
Upstream of Newell St. Bridge	04/22/2002	1.9	1	77	5	3	3	---	---	---	---
Downstream of Lyman St. Bridge	04/22/2002	2.9	1		6	3	5	---	---	---	---

TABLE 1-A

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

APRIL 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	04/23/2002	2.0	1	82	4	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/23/2002	3.0	1		4	3	4	---	---	---	---
Upstream of Newell St. Bridge	04/24/2002	2.0	6	77	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/24/2002	3.0	6		4	2	4	---	---	---	---
Upstream of Newell St. Bridge	04/25/2002	1.8	5	68	3	2	2	HR-4-25-02-U1	NR	NR	NR
Downstream of Lyman St. Bridge	04/25/2002	2.8	5		4	2	3	HR-4-25-02-D1	NR	NR	NR
Upstream of Newell St. Bridge	04/26/2002	2.2	3	97	6	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/26/2002	3.1	3		5	2	4	---	---	---	---
Upstream of Newell St. Bridge	04/29/2002	3.3	4	218	8	3	8	---	---	---	---
Downstream of Lyman St. Bridge	04/29/2002	4.0	4		47	8	17	---	---	---	---
Upstream of Newell St. Bridge	04/30/2002	3.4	4	180	3	2	3	---	---	---	---
Downstream of Lyman St. Bridge	04/30/2002	4.2	4		4	2	6	---	---	---	---

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).

TABLE 1-B

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSHOUSATONIC RIVER - UPPER 1/2 MILE REACH
HOUSATONIC RIVER PCB/TSS MONITORING DURING CONSTRUCTION
DATA RECEIVED DURING APRIL 2002

(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232 & 1242	Aroclor-1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
HR-3-28-02-U1	Upstream of Newell St. Bridge	3/28/2002	ND(0.0000250)	ND(0.0000250)	0.0000877 AF	0.0000260	0.000114	3.33
HR-3-28-02-D1	Downstream of Lyman St. Bridge	3/28/2002	ND(0.0000250)	ND(0.0000250)	0.0000418 AF	ND(0.0000250)	0.0000418	5.00
HR-3-28-02-U1 (FILTERED)	Upstream of Newell St. Bridge	3/28/2002	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	--
HR-3-28-02-D1 (FILTERED)	Downstream of Lyman St. Bridge	3/28/2002	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	ND(0.0000250)	--
HR-4-11-02-U1	Upstream of Newell St. Bridge	4/11/2002	ND(0.0000750)	0.000280 PE	0.000636 AF	0.000139	0.00105	3.10
HR-4-11-02-D1	Downstream of Lyman St. Bridge	4/11/2002	ND(0.0000250)	0.000165 PE	0.000348 AF	0.0000645	0.000578	6.80
HR-4-11-02-U1 (FILTERED)	Upstream of Newell St. Bridge	4/11/2002	ND(0.0000250)	0.0000579 PE	0.0000572 AF	ND(0.0000250)	0.000115	--
HR-4-11-02-D1 (FILTERED)	Downstream of Lyman St. Bridge	4/11/2002	ND(0.0000250)	0.0000448 PE	0.0000367 AF	ND(0.0000250)	0.0000815	--

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. 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.
5. --- Not analyzed.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
CELL 12 NAPL-IMPACTED SEDIMENT SAMPLING
DATA RECEIVED DURING APRIL 2002

(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	HR-I2-SED-1 04/09/02
Volatile Organics		
Chlorobenzene		1.3 J
cis-1,2-Dichloroethene		13
Ethylbenzene		0.26 J
m&p-Xylene		0.55 J
o-Xylene		0.47 J
Toluene		0.44 J
Trichloroethene		17
PCBs		
None Detected		--
Semivolatile Organics		
1,2,4-Trichlorobenzene		3.0
1,3-Dichlorobenzene		0.90 J
1,4-Dichlorobenzene		3.9
Acenaphthene		210
Acenaphthylene		70
Anthracene		320
Benzo(a)anthracene		290
Benzo(a)pyrene		160
Benzo(b)fluoranthene		110
Benzo(g,h,i)perylene		64
Benzo(k)fluoranthene		33
Chrysene		170
Dibenzo(a,h)anthracene		29
Fluoranthene		400
Fluorene		260
Indeno(1,2,3-cd)pyrene		52
Naphthalene		0.43 J
Phenanthrene		1400
Pyrene		820

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. Only detected constituents are summarized.
3. -- Indicates that the results for all analytes of the parameter group are non-detect.

Data Qualifiers:

Organics

J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

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

Date	Sampler Location	Average Site Concentration (mg/m ³)	BM-1 (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
04/01/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/02/02	AM-6 (south side of river)	0.011	0.010	9:15	W
04/03/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/04/02	AM-6 (south side of river)	0.008	0.003	9:30	WNW, NW
04/05/02	AM-6 (south side of river)	0.006	0.003	7:30	NNW
04/08/02	AM-6 (south side of river)	0.015	0.014	4:15 ²	SW, SSW
04/09/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/10/02	AM-6 (south side of river)	0.009	0.006	9:30	NW, WNW
04/11/02	AM-6 (south side of river)	0.010	0.010	9:30	SSW
04/12/02	AM-6 (south side of river)	0.014	0.011	6:15 ³	SSW
04/15/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/16/02	AM-6 (south side of river)	0.025	0.024	9:30	W
04/17/02	AM-6 (south side of river)	0.027	0.024	9:30	WNW, W
04/18/02	AM-6 (south side of river)	0.018	0.019	12:30	WNW, W
04/19/02	AM-6 (south side of river)	0.033	0.035	6:45 ²	SSW, SW
04/22/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/23/02	AM-6 (south side of river)	0.009	0.051	8:45	NNW, NW
04/24/02	AM-6 (south side of river)	0.009	0.007	9:45	W
04/25/02 ¹	AM-6 (south side of river)	NA	NA	NA	NA
04/26/02	AM-6 (south side of river)	0.008	0.006	5:00 ²	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 period was shortened due to instrument malfunction.