

**Table 1 - Quantity of Bank and Sediment Material Generated during the month of July  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are reported in cubic yards)

Date	Location	Approximate Quantity of Excavated Bank and Sediment Material		
		non-TSCA	TSCA	NAPL impacted
<b>Bank Soil and Sediment</b>				
07/01/03	Cell 12A	198		77
07/02/03	Cell 12A	66		110
07/03/03	Cell 12A		44	77
07/07/03	Cell 12A			55
07/08/03	Cell 12A			22
07/09/03	Cell 12A			22
07/10/03	Cell 12A		22	22
07/11/03	Cell 12A			77
07/14/03	Cell 12A			66
07/15/03	Cell 12A			33
07/16/03	Cell 12A	22		66
07/17/03	Cell 12A	11		33
07/18/03	Cell 12A			11
07/29/03	Cell 12A	121		
	<b>Monthly total from bank soil and sediment</b>	<b>418</b>	<b>66</b>	<b>671</b>

Note:

All quantities are in compacted or "in-place" cubic yards. All loads are estimated at 11cy per truck.

**Table 2 - Quantity of Bank and Sediment Material Excavated to Date  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/03/03 to 02/10/03	Cell 7&7A	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
02/25/03 to 03/07/03	Cell 8&8A	1,245	90	0	1,335
03/14/03 to 03/18/03	Cell 9	603	307	0	910
03/27/03 to 04/07/03	Cell 10&10A	1,730	133	0	1,863
04/14/03 to 04/16/03	Cell 12	668	1,354	0	2,022
04/30/03 to 05/09/03	Cell 11	1,713	341	10	2,064
05/27/03 to 06/12/03	Cell 11A	957	166	462	1,585
06/25/03 to 07/17/03	Cell 12A	1,656	805	656	3,117
	<b>Total</b>	<b>19,158</b>	<b>5,300</b>	<b>1,491</b>	<b>25,949</b>

Note:

All quantities determined by pre- and post- excavation surveying.

**Table 3 - Quantity of Material Transferred to OPCAs During the Month of July  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	# of truckloads	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
<b>Bank Soil and Sediment</b>			
07/07/03	43	484	0
07/08/03	45	495	0
07/09/03	19	209	0
07/10/03	42	0	462
07/11/03	26	0	286
<b>Monthly totals</b>	<b>175</b>	<b>1188 (1)</b>	<b>748 (1)</b>

Note:

All quantities are in compacted or "in-place" cubic yards.

(1) Estimated at 11 cy per truck.

**Table 4 - Quantity of Material Transferred to OPCAs to Date  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	Location	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
<b>Site Preparation Activities</b>			
09/11/02	Building 65 Stockpile Management Area	225	
<b>Bank Soil and Sediment</b>			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353(2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1188 (3)	748 (3)
<b>Project Totals</b>		<b>19,001</b>	<b>5,992</b>

Note:

All quantities are in compacted or "in-place" cubic yards.

- (1) Estimated at 14cy per truck, loaded with excavator.
- (2) Estimated at 11cy per truck due to loading out frozen material.
- (3) Estimated at 11cy per truck, loaded with front end loader.

**Table 5 - NPDES Sampling Results for Water Treatment System  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per billion, ppb)

<b>Sample ID</b>	<b>Location</b>	<b>Date Collected</b>	<b>Aroclor 1016, 1221, 1232, &amp; 1242</b>	<b>Aroclor 1248</b>	<b>Aroclor 1254</b>	<b>Aroclor 1260</b>	<b>Total PCBs</b>
H2-WW000001-0-3L16	Influent	7/16/2003	ND(0.026)	<b>0.14</b>	<b>0.10</b>	<b>0.22</b>	<b>0.46</b>
H2-WW000001-0-3L16	Intermediate	7/16/2003	ND(0.013)	ND(0.013)	ND(0.013)	ND(0.013)	ND(0.013)
H2-WW000001-0-3L16	Effluent	7/16/2003	ND(0.013)	ND(0.013)	<b>0.014</b>	ND(0.013)	<b>0.014</b>
<b>Action Level</b>	<b>Effluent</b>		<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>	<b>0.50</b>

Notes:

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

Intermediate - sample collected between carbon units which are being operated in series.

7/16/03 - monthly sampling

**Table 5a - NPDES non-PCB Sampling Results for Water Treatment System  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	H2-WW000001-0-3U25	H2-WW000001-1-3U25	H2-WW000002-0-3U25	H2-WW000003-0-3U25	NPDES Permit Regulatory Effluent Limits
Sample type	Influent	Influent (duplicate)	Intermediate	Effluent	
Date Collected	06/25/2003	06/25/2003	06/25/2003	06/25/2003	
Analyte					
<b>APP IX SEMIVOLATILES</b>					
2-METHYLNAPHTHALENE	35.0	22.0	ND	ND	100
ACENAPHTHENE	31.0	20.0	ND	ND	100
ANTHRACENE	7.2 J	4.5 J	ND	ND	100
BENZO(A)ANTHRACENE	2.0 J	1.5 J	ND	ND	100
BENZO(A)PYRENE	1.5 J	1.1 J	ND	ND	100
BENZO(B)FLUORANTHENE	0.82 J	0.58 J	ND	ND	100
BENZO(K)FLUORANTHENE	1.0 J	0.76 J	ND	ND	100
BIS(2-ETHYLHEXYL) PHTHALATE	0.81 J	ND	1.4 J	0.85 J	100
CHRYSENE	2.0 J	1.5 J	ND	ND	100
DIBENZOFURAN	2.1 J	1.3 J	ND	ND	100
FLUORANTHENE	4.8 J	3.6 J	ND	ND	100
FLUORENE	11.0	7.6 J	ND	ND	100
NAPHTHALENE	49.0	29.0	ND	ND	100
PHENANTHRENE	28.0	18.0	ND	ND	100
PYRENE	8.5 J	5.1 J	ND	ND	100
<b>APP IX VOLATILES</b>					
1,2,4-TRICHLOROBENZENE	0.29 J	0.30 J	ND	ND	70
1,4-DICHLOROBENZENE	0.58 J	0.60 J	ND	ND	100
ACETONE	5.2 J	5.0 J	ND	ND	100
BENZENE	6.1	6.6	ND	ND	5*
CARBON TETRACHLORIDE	ND	ND	ND	0.35 J	N/A
CHLOROBENZENE	2.2	2.4	ND	ND	100
CHLOROETHANE	0.38 J	0.42 J	ND	ND	N/A
CHLOROFORM	ND	ND	ND	0.54 J	100
CHLOROMETHANE	ND	ND	ND	0.22 J	N/A
CIS-1,2-DICHLOROETHENE	2.3	2.2	0.44 J	0.20 J	N/A
ETHYL BENZENE	2.8	2.8	ND	ND	N/A
ISOBUTANOL	54.0	ND	ND	ND	N/A
M,P-XYLENE (SUM OF ISOMERS)	2.9	2.7	ND	ND	*
METHYL METHACRYLATE	1.1	0.98 J	ND	ND	N/A
NAPHTHALENE	43.0	58.0	0.48 J	0.27 J	100
O-XYLENE	0.62 J	0.59 J	ND	ND	*
TERT-BUTYL METHYL ETHER	ND	ND	6.3	22.0	70
TOLUENE	0.57 J	0.57 J	ND	ND	*
TRICHLOROETHYLENE (TCE)	0.95 J	0.95 J	0.24 J	ND	5
XYLENES (TOTAL)	3.6	3.4	ND	ND	*
<b>ORGANIC</b>					
PETROLEUM HYDROCARBON	4000	3100	ND	ND	5000

NOTES:  
 \* Total BTEX (Benzene, Toluene, Ethyl Benzene and Xylene) can not exceed 100 ppb  
 Intermediate - sample collected between carbon units which are being operated in series.  
 Only detected constituents are summarized  
 ND - not detected  
 --- not sampled  
 J - Indicates an estimated value  
 N/A - not available

**Table 6 - Backfill Material Testing Results  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

Sample ID	H2-OT000067-0-3U18	H2-OT000034-0-3U30-1	H2-OT000034-0-3U30-2	H2-OT000055-0-3L02-1	H2-OT000055-0-3L02-2	Regulatory Limits (1)
Sample type	TopSoil	Common Fill	Common Fill	TopSoil	TopSoil	
Date Collected	06/18/2003	06/30/2003	06/30/2003	07/02/2003	07/02/2003	
Analyte						
<b>APP IX SEMIVOLATILES</b>						
BENZO(A)ANTHRACENE	0.029 J	ND	---	ND	---	0.7
BENZO(A)PYRENE	0.029 J	ND	---	ND	---	0.7
BENZO(B)FLUORANTHENE	0.035 J	ND	---	ND	---	0.7
BENZO(K)FLUORANTHENE	0.030 J	ND	---	ND	---	7
BIS(2-ETHYLHEXYL) PHTHALATE	0.069 J	ND	---	ND	---	100
CHRYSENE	0.037 J	ND	---	ND	---	7
FLUORANTHENE	0.031 J	ND	---	ND	---	1000
PYRENE	0.057 J	ND	---	ND	---	700
<b>APP IX VOLATILES</b>						
2-BUTANONE	0.031	0.003 J	---	0.026	---	0.3
4-METHYL-2-PENTANONE	ND	0.001 J	---	ND	---	0.5
ACETONE	0.22	0.031	---	0.19	---	3
ACROLEIN	ND	ND	---	0.009	---	10
CARBON DISULFIDE	0.0033 J	ND	---	ND	---	100
IODOMETHANE (METHYL IODIDE)	0.0014 J	ND	---	0.0013 J	---	100
METHYLENE CHLORIDE	0.0028 J	ND	---	ND	---	0.1
NAPHTHALENE	0.013	0.0011 J	---	0.0018 J	---	4
TOLUENE	0.0013 J	ND	---	ND	---	90
<b>METALS</b>						
ARSENIC	7.0	8.8	---	6.8	---	30
BARIUM	38.4	14.2	---	268	---	1000
BERYLLIUM	0.32	0.11	---	0.69	---	0.7
CADMIUM	ND	ND	---	1.9	---	30
CHROMIUM	9.7	8.9	---	13.0	---	1000
COBALT	9.5	10.1	---	26.3	---	500
COPPER	20.4	32.7	---	17.9	---	1000
LEAD	18.3	7.4	---	21.0	---	300
MERCURY	0.074	ND	---	0.066	---	20
NICKEL	16.1	18.5	---	21.9	---	300
SELENIUM	ND	ND	---	2.0	---	400
TIN	0.41	ND	---	0.98	---	10
VANADIUM	12.1	6.5	---	16.4	---	400
ZINC	72.0	52.0	---	104	---	2500
<b>PCBS</b>						
PCB, TOTAL	ND	ND	ND	ND	ND	0.1*
<b>ORGANIC</b>						
PETROLEUM HYDROCARBON	ND	ND	ND	ND	ND	200*

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

--- not sampled

(1) - Massachusetts contingency plan S-1 limits

\* - Project specific acceptable levels for backfill

**Table 7 - Daily Air Monitoring Results  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

<b>Date Collected</b>	<b>Sample Location</b>	<b>Average Site Concentration (mg/m<sup>3</sup>)</b>	<b>Average Period (Hours:Min)</b>
7/1/2003	Upwind	0.005	8:00
	Downwind	0.008	8:00
	Background	0.009	8:00
7/2/2003	Upwind	0.007	7:00
	Downwind	0.006	7:00
	Background	0.015	7:00
7/3/2003	Upwind	0.023	5:00
	Downwind	0.031	5:00
	Background	0.030	4:00
7/7/2003	Upwind	0.042	23:00
	Downwind	0.034	23:00
	Background	0.083	23:00
7/8/2003	Upwind	0.033	7:00
	Downwind	0.026	16:00
	Background	0.054	12:00
7/9/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/10/2003	Upwind	0.007	23:00
	Downwind	0.006	22:00
	Background	0.000	24:00
7/11/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/14/2003	Upwind	0.008	8:00
	Downwind	0.006	8:00
	Background	0.004	7:00
7/15/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/16/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/17/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/18/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/21/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A

Date Collected	Sample Location	Average Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)
7/22/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/23/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/24/2003	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
7/25/2003	Upwind	0.010	9:00
	Downwind	0.015	9:00
	Background	--	--
7/28/2003	Upwind	--	--
	Downwind	--	--
	Background	--	--
7/29/2003	Upwind	0.027	7:00
	Downwind	0.019	7:00
	Background	--	--
7/30/2003	Upwind	0.012	6:00
	Downwind	0.014	6:00
	Background	--	--
7/31/2003	Upwind	0.008	8:00
	Downwind	0.017	8:00
	Background	--	--
<b>notification level</b>		<b>0.120</b>	
<b>action level</b>		<b>0.150</b>	

Notes:

N/A - Not available due to precipitation

--- - No reading due to technical difficulties with monitoring equipment

**Table 8 - Daily Water Column Turbidity Monitoring Results  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

Date	Flow at Coltsville (cfs)	Location	Turbidity		
			Average	High	Low
7/1/2003	30	Upstream of Lyman Street Bridge	5.1	6.2	3.5
		Downstream of Pomeroy Avenue Bridge	2.7	4.4	2.0
7/2/2003	27	Upstream of Lyman Street Bridge	4.5	6.0	3.3
		Downstream of Pomeroy Avenue Bridge	2.1	2.7	1.7
7/3/2003	26	Upstream of Lyman Street Bridge	4.9	6.4	3.5
		Downstream of Pomeroy Avenue Bridge	2.7	3.7	1.8
7/7/2003	24	Upstream of Lyman Street Bridge	15.6	21.6	12.8
		Downstream of Pomeroy Avenue Bridge	3.8	15.0	2.0
7/8/2003	24	Upstream of Lyman Street Bridge	7.7	12.0	4.6
		Downstream of Pomeroy Avenue Bridge	3.3	4.8	2.2
7/9/2003	27	Upstream of Lyman Street Bridge	8.4	12.4	5.2
		Downstream of Pomeroy Avenue Bridge	5.2	13.2	1.9
7/10/2003	27	Upstream of Lyman Street Bridge	7.3	14.5	3.2
		Downstream of Pomeroy Avenue Bridge	2.7	5.4	2.0
7/11/2003	31	Upstream of Lyman Street Bridge	7.1	11.0	4.8
		Downstream of Pomeroy Avenue Bridge	4.5	9.0	2.6
7/14/2003	22	Upstream of Lyman Street Bridge	4.5	5.4	3.7
		Downstream of Pomeroy Avenue Bridge	2.9	4.6	2.0
7/15/2003	19	Upstream of Lyman Street Bridge	4.5	10.4	3.0
		Downstream of Pomeroy Avenue Bridge	3.3	12.6	1.6
7/16/2003	47	Upstream of Lyman Street Bridge	8.5	22.6	4.3
		Downstream of Pomeroy Avenue Bridge	18.6	69.9	2.3
7/17/2003	53	Upstream of Lyman Street Bridge	4.9	5.7	4.1
		Downstream of Pomeroy Avenue Bridge	4.5	5.9	3.4
7/18/2003	46	Upstream of Lyman Street Bridge	5.3	6.4	3.5
		Downstream of Pomeroy Avenue Bridge	3.7	4.9	2.2
7/21/2003	22	Upstream of Lyman Street Bridge	5.9	7.6	4.4
		Downstream of Pomeroy Avenue Bridge	2.1	2.6	1.7
7/22/2003	58	Upstream of Lyman Street Bridge	12.2	38.1	7.6
		Downstream of Pomeroy Avenue Bridge	25.4	93.0	9.7
7/23/2003	49	Upstream of Lyman Street Bridge	11.5	45.9	6.7
		Downstream of Pomeroy Avenue Bridge	5.8	12.2	4.3
7/24/2003	37	Upstream of Lyman Street Bridge	25.9	104.8	6.6
		Downstream of Pomeroy Avenue Bridge	4.2	7.5	2.7
7/25/2003	31	Upstream of Lyman Street Bridge	9.4	17.6	6.5
		Downstream of Pomeroy Avenue Bridge	2.8	5.3	2.1
7/28/2003	22	Upstream of Lyman Street Bridge	7.3	14.3	3.9
		Downstream of Pomeroy Avenue Bridge	3.2	5.7	1.7
7/29/2003	21	Upstream of Lyman Street Bridge	28.5	131.3	3.2
		Downstream of Pomeroy Avenue Bridge	5.8	24.5	2.5
7/30/2003	21	Upstream of Lyman Street Bridge	10.5	35.8	6.0
		Downstream of Pomeroy Avenue Bridge	4.7	7.7	3.6

Date	Flow at Coltsville (cfs)	Location	Turbidity		
			Average	High	Low
7/31/2003	20	Upstream of Lyman Street Bridge	17.5	100.3	4.3
		Downstream of Pomeroy Avenue Bridge	5.0	7.1	3.0

Notes:

**Turbidity Action Level - Average Downstream (Elm Street)  $\geq$  Average Upstream (Lyman Street) + 50 ntu**

cfs - Cubic feet per second

ntu - nephelometric turbidity units

Measurements collected using YSI 6200 Data Acquisition System using 600 OMS

sonde with a 6136 Turbidity Probe

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

**Table 9 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (°C)	Water Temp. End(°C)	Calculated Flow Beginning	Calculated Flow End (cfs)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)
			High	Low	Avarage							
Upstream of Newell St. Bridge	06/23/03	200	---	---	---	15.0**	16.0**	23.2	23.2	H0-SW000054-0-3U23	ND(0.013)	ND(0.013)
Downstream of Lyman St. Bridge	06/23/03	200	N/A	N/A	N/A	16.23*	---	---	---	H2-SW000055-0-3U23	<b>0.016</b>	ND(0.013)
Upstream of Elm St. Bridge	06/23/03	200	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	06/23/03	200	25.9	10.2	16.2	16.66*	---	71.8	71.1	H2-SW000052-0-3U23	<b>0.060</b>	ND(0.013)
Upstream of Newell St. Bridge	07/02/03	27	---	---	---	---	---	---	---	---	---	---
Downstream of Lyman St. Bridge	07/02/03	27	6.0	3.3	4.5	19.58*	---	---	---	H2-SW000055-0-3L02	<b>0.050</b>	ND(0.013)
Upstream of Elm St. Bridge	07/02/03	27	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	07/02/03	27	2.7	1.7	2.1	20.53*	---	44.1	42.4	H2-SW000052-0-3L02	ND(0.013)	ND(0.013)
Downstream of Pomeroy Ave. Bridge (duplicate)	07/02/03	27	2.7	1.7	2.1	20.53*	---	44.1	42.4	H2-SW000052-1-3L02	---	ND(0.012)
Upstream of Newell St. Bridge	07/17/03	53	---	---	---	18.5**	19.0**	21.1	32.9	H0-SW000054-0-3L17	NR	NR
Downstream of Lyman St. Bridge	07/17/03	53	5.7	4.1	4.9	19.43*	---	---	---	H2-SW000055-0-3L17	NR	NR
Upstream of Elm St. Bridge	07/17/03	53	---	---	---	---	---	---	---	---	---	---
Downstream of Pomeroy Ave. Bridge	07/17/03	53	5.9	3.4	4.5	20.21*	---	41.3	63.1	H2-SW000052-0-3L17	NR	NR

Notes:

**PCB Action Level - Downstream (Pomeroy Avenue) ≥ Upstream (Lyman Street) + 5 ug/L**

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

cfs - Cubic feet per second

ntu - nephelometric turbidity units

--- - No data obtained

\* - Temperature measured YSI 600 oms system.

\*\* - Temperature measured using hand held stainless steel thermometer.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Water column samples were collected as 10-hour composite samples.

Two flow values calculated, one at the beginning of the sampling event and one at the end of sampling event.

NR - Not yet reported

N/A - Probe not working

TSS (mg/l)
23.4
24.1
---
9.1
---
3.6
---
2.8
---
NR
NR
---
NR

**Table 10 - PCB Air Sampling Results  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in mg/m<sup>3</sup>)

Sample ID	Location*	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260
H2-AR000007-0-3U26	background	6/26/2003	<b>0.00487</b>	ND(0.00271)	<b>0.00893</b>	ND(0.00271)
H2-AR000018-0-3U26	AR000018	6/26/2003	ND(0.00267)	ND(0.00267)	<b>0.00535</b>	ND(0.00267)
H2-AR000018-1-3U26 (duplicate)	AR000018	6/26/2003	<b>0.00767</b>	ND(0.00274)	<b>0.00657</b>	ND(0.00274)
H2-AR000022-0-3U26	AR000022	6/26/2003	ND(0.00289)	ND(0.00289)	<b>0.00347</b>	ND(0.00289)
H2-AR000024-0-3U26	AR000024	6/26/2003	<b>0.00675</b>	ND(0.00270)	<b>0.00540</b>	ND(0.00270)
H2-AR000025-0-3U26	AR000025	6/26/2003	ND(0.00255)	ND(0.00255)	<b>0.00535</b>	ND(0.00255)
H2-AR000007-0-3L03	background	7/3/2003	<b>0.00345</b>	ND(0.00288)	<b>0.00575</b>	ND(0.00288)
H2-AR000018-0-3L03	AR000018	7/3/2003	<b>0.00454</b>	ND(0.00284)	ND(0.00284)	ND(0.00284)
H2-AR000018-1-3L03 (duplicate)	AR000018	7/3/2003	ND(0.00280)	ND(0.00280)	ND(0.00280)	ND(0.00280)
H2-AR000022-0-3L03	AR000022	7/3/2003	ND(0.00286)	ND(0.00286)	ND(0.00286)	ND(0.00286)
H2-AR000024-0-3L03	AR000024	7/3/2003	ND(0.00270)	ND(0.00270)	ND(0.00270)	ND(0.00270)
H2-AR000025-0-3L03	AR000025	7/3/2003	ND(0.00270)	ND(0.00270)	ND(0.00270)	ND(0.00270)

Notes:

**Notification Level: 0.05mg/m<sup>3</sup>**

**Action Level: 0.1mg/m<sup>3</sup>**

NR - Not yet reported

\* - See Figure 1 for locations

<b>Total PCBs</b>
<b>0.0138</b>
<b>0.00535</b>
<b>0.0142</b>
<b>0.00347</b>
<b>0.0121</b>
<b>0.00535</b>
<b>0.0092</b>
<b>0.00454</b>
ND(0.00280)
ND(0.00286)
ND(0.00270)
ND(0.00270)

**Table 11 - Equipment Confirmatory Wipe Samples  
July 2003 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in mg/100 cm<sup>2</sup> )

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000068-0-3L02	07/02/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000069-0-3L02	07/02/03	ND(0.5)	ND(0.5)	<b>1.9 J</b>	<b>1.9</b>
H2-XI000070-0-3L02	07/02/03	ND(0.5)	ND(0.5)	0.67	0.67
H2-XI000070-1-3L02	07/02/03	ND(0.5)	ND(0.5)	<b>1.7</b>	<b>1.7</b>
H2-XI000071-0-3L08	07/08/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000072-0-3L08	07/08/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000073-0-3L18	07/18/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000074-0-3L18	07/18/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000075-0-3L30	07/30/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000076-0-3L30	07/30/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000077-0-3L30	07/30/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
H2-XI000078-0-3L30	07/30/03	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

Notes:

**PCB Action Level - 10.0 mg/100 cm<sup>2</sup>**

ND(0.5) - Analyte was not detected. The value in parentheses is the associated detection limit.

**Table 12 - NAPL-Impacted Sediment from Cells 11 and 12A Testing Results  
July 2003 Monthly Report  
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

Sample ID	H2-OT000063-0-3U18	H2-OT000064-0-3U18	H2-OT000065-0-3U18	H2-OT000066-0-3U18	H2-OT000068-0-3L01
Sample type	Cell 11A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment			
Date Collected	06/18/2003	06/18/2003	06/18/2003	06/18/2003	07/01/2003
Analyte					
<b>APP IX SEMIVOLATILES</b>					
PENTACHLOROBENZENE	---	---	---	0.24 J	ND
2-METHYLNAPHTHALENE	---	---	---	2.4 J	1000
ACENAPHTHENE	---	---	---	13.0	880
ACENAPHTHYLENE	---	---	---	0.7 J	30.0 J
ANTHRACENE	---	---	---	9.4	420
BENZO(A)ANTHRACENE	---	---	---	9.1	280
BENZO(A)PYRENE	---	---	---	8.1	250 J
BENZO(B)FLUORANTHENE	---	---	---	5.9	120 J
BENZO(GHI)PERYLENE	---	---	---	4.4 J	110 J
BENZO(K)FLUORANTHENE	---	---	---	5.2	130 J
CHRYSENE	---	---	---	8.6	250 J
DIBENZO(A,H)ANTHRACENE	---	---	---	1.0 J	23.0 J
DIBENZOFURAN	---	---	---	1.2 J	28.0 J
FLUORANTHENE	---	---	---	19.0	590
FLUORENE	---	---	---	7.0	360
INDENO(1,2,3-C,D)PYRENE	---	---	---	3.8 J	79.0 J
NAPHTHALENE	---	---	---	2.2 J	1500
PHENANTHRENE	---	---	---	26.0	1600
PYRENE	---	---	---	2.1	720
<b>APP IX VOLATILES</b>					
METHYLENE CHLORIDE	---	---	---	0.018 J	ND
NAPHTHALENE	---	---	---	0.34	2300
<b>TCLP SEMIVOLATILES</b>					
	---	---	---	all Non-Detects	---
<b>HERBICIDES</b>					
	---	---	---	all Non-Detects	---
<b>APP IX PESTICIDES</b>					
4,4'-DDE	---	---	---	0.11J	---
4,4'-DDT	---	---	---	0.89	---
DIELDRIN	---	---	---	0.37 J	---
ENDRIN	---	---	---	0.24 J	---
HEPTACHLOR EPOXIDE	---	---	---	0.062 J	---
ENDOSULFAN SULFATE	---	---	---	0.11 J	---
ENDRIN ALDEHYDE	---	---	---	0.56 J	---
<b>METALS</b>					
ARSENIC	---	---	---	3.4	---
BARIUM	---	---	---	22.7	---
BERYLLIUM	---	---	---	0.22	---
CADMIUM	---	---	---	0.13	---
CHROMIUM	---	---	---	8.8	---
COBALT	---	---	---	6.5	---
COPPER	---	---	---	19.3	---
LEAD	---	---	---	24.7	---
MERCURY	---	---	---	0.043	---
NICKEL	---	---	---	11.9	---
SILVER	---	---	---	0.31	---
TIN	---	---	---	1.9	---
VANADIUM	---	---	---	7.3	---
ZINC	---	---	---	58.7	---

Sample ID	H2-OT000063-0-3U18	H2-OT000064-0-3U18	H2-OT000065-0-3U18	H2-OT000066-0-3U18	H2-OT000068-0-3L01
Sample type	Cell 11A, NAPL-impacted sediment stockpile	Cell 12A, NAPL-impacted sediment			
Date Collected	06/18/2003	06/18/2003	06/18/2003	06/18/2003	07/01/2003
Analyte					
<b>INORGANICS</b>					
CORROSIVITY BY PH	---	---	---	8.0	---
CYANIDE REACTIVITY	---	---	---	ND	---
IGNITABILITY (deg f)	---	---	---	150	---
PERCENT SOLIDS (%)	89.1	87.5	90.7	90.6	92
SULFIDE REACTIVITY	---	---	---	13.2	---
<b>PCBS</b>					
AROCLOR-1254	2.2	2.5	2.40	5.1	0.6
AROCLOR-1260	15.0	21.0	20.0	21.0	0.1 J
PCB, TOTAL	17.0	24.0	22.0	26.0	0.7
<b>ORGANIC</b>					
PETROLEUM HYDROCARBON	---	---	---	205	---

Notes:  
Only detected constituents are summarized  
J - Indicates as estimated value  
ND - not detected  
--- not sampled