

**Table 1 - Quantity of Bank and Sediment Material Generated during the Month of January
January 2004 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
Bank Soil and Sediment				
01/08/2004	Cell 14E	121	0	0
01/09/2004	Cell 14E	209	0	0
01/13/2004	Cell 14E	110	110	0
01/14/2004	Cell 14E	55	0	0
	Monthly total from bank soil and sediment	495	110	0

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
January 2004 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 07/18/03	Cell 12A	1,656	805	656	3,117
09/04/03 to 10/22/03	Cell 13	3,580	298	1,129	5,007
01/08/04 to 01/14/04	Cell 14E*	495	110	0	605
	Total	23,233	5,708	2,620	31,561

Note:

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

* - Quantity estimated based on truck counts, Cell excavation and final survey not complete.

**Table 3 - Quantity of Material Transferred to OPCAs During the Month of January
January 2004 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)
Bank Soil and Sediment			
01/12/2004	7*	77	0
Monthly totals	7*	77	0

Note:

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

(1) Estimated at 11 cy per truck

* Excludes material generated by GE during the Newell Street I remediation and transported to the OPCA by EPA

**Table 4 - Quantity of Material Transferred to OPCAs to Date
January 2004 Monthly Report**

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

(Results are reported in cubic yards)

Date	Location	Approximate Quantity Transported to OPCAs	
		Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
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	1,826 (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	1,188 (3)	748 (3)
09/15/03 to 09/30/03	Stockpile Management Area/Excavation Cells	2,090 (3)	308 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Excavation Cells	1,623 (3)	33 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Cleanup Material	181 (3)	0
11/18/03	Demolition Debris from Parcels I8-10-2 and I8-10-3	200 (4)	0
1/12/04	Stockpile Management Area/Excavation Cells	77(3)	0
Project Totals		23,172	6,333

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.
 - (4) Estimated at 8cy per truck

**Table 5 - Daily Air Monitoring Results
January 2004 Monthly Report**

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

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours)
01/01/2004	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
	Background	Shutdown	Shutdown
01/02/2004	Upwind	Shutdown	Shutdown
	Downwind	Shutdown	Shutdown
	Background	Shutdown	Shutdown
01/05/2004	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
01/06/2004	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
01/07/2004	Upwind	0.005	8
	Downwind	0.000	8
	Background	0.007	8
01/08/2004	Upwind	0.000	9
	Downwind	0.000	9
	Background	0.009	9
01/09/2004	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
01/12/2004	Upwind	0.020	7
	Downwind	0.012	7
	Background	--	--
01/13/2004	Upwind	0.004	7
	Downwind	0.001	7
	Background	0.014	7
01/14/2004	Upwind	0.005	9
	Downwind	0.006	9
	Background	0.023	9
01/15/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/16/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/19/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/20/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**

**Table 5 - Daily Air Monitoring Results
January 2004 Monthly Report**

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

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours)
01/21/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/22/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/23/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/26/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/27/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/28/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/29/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
01/30/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
notification level		0.120	
action level		0.150	

Notes:

N/A - Not available due to precipitation

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

Shutdown - -No monitoring performed during Holiday work slow down.

** - No work performed due to extreme cold temperatures.

**Table 6 - Daily Water Column Turbidity Monitoring Results
January 2004 Monthly Report**

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

Date	Flow at Coltsville (cfs)	Location	Turbidity			Temperature Average (°C)
			Average	High	Low	
01/02/2004	120	Upstream of Lyman Street Bridge	0.1	1.2	-0.1	1.19
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/05/2004	220	Upstream of Lyman Street Bridge	0.2	2.0	-0.1	1.36
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/06/2004	154	Upstream of Lyman Street Bridge	1.4	7.8	-0.1	1.16
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/07/2004	145	Upstream of Lyman Street Bridge	0.1	0.6	-0.1	0.14
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/08/2004	97	Upstream of Lyman Street Bridge	0.3	1.5	0.0	0.08
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/09/2004	82	Upstream of Lyman Street Bridge	0.1	1.3	-0.1	0.08
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/12/2004	87	Upstream of Lyman Street Bridge	0.0	0.3	-0.1	0.11
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/13/2004	103	Upstream of Lyman Street Bridge	0.1	1.3	-0.1	0.19
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/14/2004	80	Upstream of Lyman Street Bridge	0.0	0.6	-0.1	0.09
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/15/2004	80	Upstream of Lyman Street Bridge	3.5	37.6	-0.1	0.08
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/16/2004	72	Upstream of Lyman Street Bridge	0.3	3.8	-0.1	0.09
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/19/2004	80	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.11
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/20/2004	74	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.09
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/21/2004	60	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.11
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/22/2004	55	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.17
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/23/2004	55	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.13
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/26/2004	46	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.12
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/27/2004	46	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.13
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/28/2004	48	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.14
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A
01/29/2004	52	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.18
		Downstream of Pomeroy Avenue Bridge	N/A	0.0	0.0	N/A

Date	Flow at Coltsville (cfs)	Location	Turbidity			Temperature Average (°C)
			Average	High	Low	
01/30/2004	48	Upstream of Lyman Street Bridge	-0.1	-0.1	-0.1	0.09
		Downstream of Pomeroy Avenue Bridge	N/A	N/A	N/A	N/A

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.

Negative values are attributed to +/- 2ntu accuracy of the turbidity probe

N/A - Pomeroy turbidimeter removed due to calibration drift. Not replaced due to ice

**Table 7 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results
January 2004 Monthly Report**

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

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (°C)	Calculated Flow Beginning (cfs)	Calculated Flow End (cfs)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
			High	Low	Daily Average							
Upstream of Newell St. Bridge	12/17/03	186	NS	NS	NS	NS	136.8	245.0	H0-SW000054-0-3D17	0.05	ND(0.012)	19.1
Downstream of Lyman St. Bridge	12/17/03	186	0.2	-0.1	0.0	0.92	NS	NS	H2-SW000055-0-3D17	0.11	ND(0.012)	17.1
Downstream of Pomeroy Ave. Bridge	12/17/03	186	35.7	1.8	19.8	1.07	172.8	178.5	H2-SW000052-0-3D17	0.088	ND(0.013)	21.3
Upstream of Newell St. Bridge	01/07/04	145	NS	NS	NS	NS	*	*	H0-SW000054-0-4J07	NS	NS	NS
Downstream of Lyman St. Bridge	01/07/04	145	0.6	-0.1	0.1	0.14	NS	NS	H2-SW000055-0-4J07	ND(0.013)	ND(0.012)	3.6
Downstream of Pomeroy Ave. Bridge	01/07/04	145	N/A	N/A	N/A	N/A	*	*	H2-SW000052-0-4J07	ND(0.013)	ND(0.013)	2.9
Downstream of Pomeroy Ave. Bridge (duplicate)	01/07/04	145	N/A	N/A	N/A	N/A	*	*	H2-SW000052-1-4J07	NS	ND(0.012)	NS
Upstream of Newell St. Bridge	01/21/04	60	NS	NS	NS	NS	*	*	H0-SW000054-0-4J21	NR	NR	NR
Downstream of Lyman St. Bridge	01/21/04	60	-0.1	-0.1	-0.1	0.11	NS	NS	H2-SW000055-0-4J21	NR	NR	NR
Downstream of Pomeroy Ave. Bridge	01/21/04	60	N/A	N/A	N/A	N/A	*	*	H2-SW000052-0-4J21	NR	NR	NR

Notes:

PCB Action Level - Downstream (Pomeroy Avenue) \geq 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

NS - Not Sampled

Temperature measured YSI 600 oms system.

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

Water column samples were collected as 4 grab composite samples.

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

* Water levels not recorded at the staff gages due to ice on 1/07/04 and 1/21/04, therefore flow measurements not available. Newell Street gage dislodged due to ice.

NR - Not yet reported

Water level on 12/17/03 at Newell Street effected by closing of the gates at the dam.

PCB Results for December 17, 2004 were out of hold time due to a shipping error.

N/A Pomeroy turbidimeter removed due to calibration drift. Not replaced due to ice.

**Table 8 - PCB Air Sampling Results
January 2004 Monthly Report**

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

(Results are presented in $\mu\text{g}/\text{m}^3$)

Sample ID	Location*	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260
H2-AR000007-0-3D17	background	17-Dec-03	ND(0.00247)	ND(0.00247)	ND(0.00247)	ND(0.00247)
H2-AR000030-0-3D17	AR000030	17-Dec-03	ND(0.00252)	ND(0.00252)	ND(0.00252)	ND(0.00252)
H2-AR000031-0-3D17	AR000031	17-Dec-03	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)
H2-AR000032-0-3D17	AR000032	17-Dec-03	ND(0.00250)	ND(0.00250)	ND(0.00250)	ND(0.00250)
H2-AR000033-0-3D17	AR000033	17-Dec-03	ND(0.00242)	ND(0.00242)	ND(0.00242)	ND(0.00242)
H2-AR000033-1-3D17(duplicate)	AR000033	17-Dec-03	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)
H2-AR000007-0-4J09	background	09-Jan-04	ND(0.00264)	ND(0.00264)	ND(0.00264)	ND(0.00264)
H2-AR000030-0-4J09	AR000030	09-Jan-04	ND(0.00262)	ND(0.00262)	ND(0.00262)	ND(0.00262)
H2-AR000031-0-4J09	AR000031	09-Jan-04	ND(0.00384)	ND(0.00384)	ND(0.00384)	ND(0.00384)
H2-AR000032-0-4J09	AR000032	09-Jan-04	ND(0.00265)	ND(0.00265)	ND(0.00265)	ND(0.00265)
H2-AR000033-0-4J09	AR000033	09-Jan-04	ND(0.00254)	ND(0.00254)	ND(0.00254)	ND(0.00254)
H2-AR000033-1-4J09 (duplicate)	AR000033	09-Jan-04	ND(0.00269)	ND(0.00269)	ND(0.00269)	ND(0.00269)

Notes:

Notification Level: $0.05\mu\text{g}/\text{m}^3$

Action Level: $0.1\mu\text{g}/\text{m}^3$

* - See Figure 1 for locations

PCB Results for December 17, 2003 were out of hold time due to a shipping error.

Total PCBs
ND(0.00247)
ND(0.00252)
ND(0.00264)
ND(0.00250)
ND(0.00242)
ND(0.00264)
ND(0.00264)
ND(0.00262)
ND(0.00384)
ND(0.00265)
ND(0.00254)
ND(0.00269)