

**United States Environmental Protection Agency  
EPA New England  
One Congress Street, Suite 1100  
Boston, MA 02114-2023**

December 17, 2004

To: J. Kilborn, EPA  
H. Inglis, EPA  
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D. Moore, USACE  
K.C. Mitkevicius, USACE  
S. Steenstrup, MA DEP (2 copies)  
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S. Peterson, CT DEP  
A. Silber, GE  
J. Novotny, GE  
J.R. Bieke, Esquire, Shea & Gardner  
S. Messur, BBL  
D. Young, MA EOE  
K. Munney, US Fish and Wildlife  
R. Cataldo, ENSR  
R. Nasman, The Berkshire Gas Company  
Mayor Ruberto, City of Pittsfield  
Commissioner of Public Works and Utilities, City of Pittsfield  
Public Information Repositories

RE: November 2004 Monthly Report  
1.5 Mile Reach Removal Action  
GE-Pittsfield/Housatonic River Site

Enclosed please find the November 2004 Monthly Report for the 1.5 Mile Reach Removal Action. In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site, the United States Environmental Protection Agency (EPA) is performing the 1.5 Mile Reach Removal Action, with General Electric funding a portion of the project through a cost sharing formula.

The EPA has entered into an agreement with the United States Army Corps of Engineers (USACE) to assist in the design and construction of the Removal Action. The USACE subsequently awarded a design-construct contract to Weston Solutions, Inc. (Weston). Weston, with several subcontractors, will be performing the design and construction activities for the 1.5 Mile Reach Removal Action.

If you have any questions, please contact me at (413) 236-0969.

Sincerely,

Dean Tagliaferro  
1.5 Mile Reach Removal Action Project Manager

## 1. Overview

During November 2004, the Environmental Protection Agency (EPA), the United States Army Corps of Engineers (USACE), the USACE's contractor, Weston Solutions, Inc., and Weston's subcontractors continued remediation activities on the 1.5 Mile Reach Removal Action. The primary work included completing excavation and backfill activities in Cells 23E and 24E. Also, excavation activities were initiated in Cells 23W and 24W. In addition, transfer of non-TSCA and TSCA materials from the stockpile management areas to the GE On Plant Consolidation Areas (OPCAs) was performed. Also, transfer of non-TSCA materials and NAPL-impacted materials from the stockpile management areas to approved off-site facilities continued.

## 2. Chronological description of tasks performed

Refer to Figure 1 for an orientation of the excavation cells and their respective locations.

By the end of October 2004, Phase 3A site preparation activities were initiated. During the first week of November the Phase 3A site preparation activities continued. The survey contractor completed topography surveys in Phase 3A and staking out of the limit of work lines. The clearing of trees and brush along the riverbanks of Cells 23 and 24 continued. All the removed trees and brush were transported to the GE Newell Street parking lot for future chipping. The tree stumps and other debris (approximately 60cy) were transported to Area 64E stockpile management area. The construction of an access road along the west riverbank in Phase 3A was completed. The access road was built by using geotextile fabric and a minimum 12-inch layer of dense grade/airport mix material.

Also during the first week of November, activities associated with the installation and connection of the remaining two 300-foot sections of 54-inch HDPE river diversion pipe onto the two 3,050-foot pieces of pipe already in use was completed as follows: All construction equipment and supplies were removed from the riverbed, the 54-inch pipe slide gates were closed off to impound enough water in preparation for floating of the additional 300-foot sections of the pipe. Stop logs were then removed from the temporary dam and the river channel downstream of the temporary dam was flooded with enough water to float the two new 300-foot pipe additions down to the effluent of the 3,050-foot pieces. The two pipe pieces were connected to the two 3,050-foot pieces of pipe already in use. The new two 300-foot pipe additions extended the gravity bypass system to approximately 450 feet beyond the Dawes Avenue Bridge. This will allow for the remediation activities to take place in Phase 3A.

Additional H-piles were installed on the east and west riverbanks of Phase 3A to ensure proper pipe restraint system measures. Vibration monitoring activities were completed on Parcels I7-2-44 and I7-3-11 during the installation of the H-piles.

A steel plate energy dissipater was relocated to the new location of the 54-inch pipe outfall. Eighteen-inch riprap was also installed at the discharge point as an erosion control measure.

Concrete bin blocks were placed at the toe of the riverbanks on the east and west side of the river channel to protect the riverbank from erosion from the 54-inch pipe outfall.

Also, an earthen dam was constructed at the downstream end of Cells 23 and 24. Eighteen-inch riprap, common fill, reinforced poly liner and filter material were used to build the dam structure.

The 54-inch HDPE river diversion pipe was relocated from the east side to the west side of the river channel to allow the start up of remediation activities in Cells 23E and 24E. Once the relocation was completed, the pipes were then reconnected to the pipe restraint system. Dewatering activities in Cells 23E and 24E were completed. River water greater than 6-inches in depth was pumped downstream of the 54-inch pipe outfall and the water less than 6-inches in depth was pumped to the water treatment system. Sumps and trenches were installed in Cells 23E and 24E to aid the dewatering process.

Once the dewatering was completed, the survey contractor delineated the non-TSCA and TSCA excavation areas and riverbank and riverbed excavation activities were initiated in Cells 23E and 24E. The excavated material was placed into an off-road articulated dump truck (ADT), which transported and dumped the material into a roll-off box located in the river channel in Cell 23. The material was then loaded into dump trucks by a long stick excavator located on the load-out area on Parcel I7-2-44. The excavated TSCA material was transported to Area 64A stockpile management area. The non-TSCA riverbank material pre-characterized for off-site disposal was transported to Area 64D and the non-TSCA material not characterized for off-site disposal was transported to Area 64C stockpile management areas. (See Table 1 for quantities of material generated in the month of November 2004 and Table 2 for quantities of material generated to date.)

EPA and GE decided it would be beneficial to remediate and restore a small section of the floodplain adjacent to the top of riverbank where GE anticipates performing subsequent remediation on residential floodplains. This will provide a buffer and should prevent GE's subsequent remediation activities from disturbing the restored riverbank and riprap. This additional remediation will extend from two to six feet beyond the top of the riverbank. EPA's contractors will perform these activities. The excavated material will not be counted towards EPA's capacity allowance at the OPCAs. Costs associated with the additional remediation and restoration will be GE's responsibility.

The surveyors monitored the excavation activities in Cells 23E and 24E to ensure appropriate design excavation depths were achieved.

Other activities during the first week of November included the re-construction of a temporary upstream dam in Cell 19, adjacent to the Deming Street load-out area. The dam was built to control the water from the Elm Street Bridge storm water outfall during the storm events. The dam was constructed by using geotextile fabric, reinforced poly liner, filter stone, 12-inch riprap and 18-inch riprap.

During the second week of November, excavation activities in Cells 23E and 24E continued. The riverbank and riverbed excavation activities were completed. The total amount of material excavated from Cells 23E and 24E in the "GE floodplain area" was 59 cy. The excavated

material was placed into an ADT, which transported and dumped the material into a roll-off box located in the river channel in Cell 23. The material was then loaded into dump trucks by a long stick excavator located on the load-out area on Parcel I7-2-44. The excavated TSCA material was transported to Area 64A stockpile management area. The non-TSCA riverbank material pre-characterized for off-site disposal was transported to Area 64D and the non-TSCA material not characterized for off-site disposal was transported to Area 64C, Area 64B and Building 65 stockpile management areas.

The surveyors monitored the excavation activities in Cells 23E and 24E to ensure appropriate design excavation depths were achieved. The final excavation verification survey was completed in Cells 23E and 24E. Also, the staking out of the backfill grades was initiated in Cells 23E and 24E.

Once the Cell 23E and 24E excavation activities were completed and the backfill grades were staked out riverbed and riverbank backfilling activities were initiated in Cells 23E and 24E. A temporary access ramp was built over the 54-inch pipes in Cell 24 to allow access to the east side of the river channel for backfill activities. The ramp was built from crane mats, common fill, filter material and 12-inch riprap. A layer of geotextile was installed along the centerline of the riverbed in Cells 23 and 24 to delineate the interface between the east side of the riverbed which has been excavated and the contaminated sediments on the west side of the riverbed which has not been excavated. The riverbed was backfilled with a layer of common fill to bring the riverbed to grade, followed by a ten inch layer of filter material type 1, and a minimum of fifteen inch layer of 9-inch riprap. The lower riverbank in Cells 23E and 24E was backfilled with a six-inch layer of common fill, a six-inch layer of filter material type 1 and a twenty four-inch layer of 18-inch riprap up to the 1.5 year flood elevation, which is at 968.5 feet. The riverbank above those elevations will be backfilled with the following: Common fill will be installed in twelve inch horizontal lifts and compacted to meet the 95% compaction requirement. Then, a minimum six-inch layer of topsoil, herbaceous seed mix and erosion control blankets will be installed. As part of backfill activities, a layer of geotextile fabric will be placed at the limit of remediation in the "GE floodplain area" to demarcate restored area from the un-remediated floodplain. The surveyors monitored the backfilling activities in Cells 23E and 24E to ensure appropriate design backfill grades were achieved.

Other activities during the second week of November included the installation of access flanges on top of the 54-inch river diversion pipes to assist in future pipe moves. Also, the clearing of trees and brush along Cells 23 and 24 continued. All the removed trees and brush were transported to the GE Newell Street parking lot for future chipping. The installation of the security fencing along the riverbanks in Phase 3A was completed.

During the third week of November, backfill activities up to the 1.5 year flood elevation in Cells 23E and 24E were completed. Backfilling was completed in accordance with backfill configurations described above. The riverbank backfilling activities above the 1.5 year flood elevation were initiated. Common fill was installed in twelve inch horizontal lifts and compacted to meet the 95% compaction requirement. A 125-foot section of Cell 23E riverbank with slopes steeper than 2H:1V required cellular geoweb for riverbank stability purposes. The installation of the cellular geoweb on the Cell 23E riverbank was completed. Then, a minimum six-inch layer of topsoil was installed on all of Cell 23E and 24E riverbanks. Herbaceous seed

mix and erosion control blankets were installed. Silt fencing was installed along the top of the riverbanks in Cell 24E as an erosion control measure. The surveyors monitored the backfilling activities in Cells 23E and 24E to ensure appropriate design backfill grades were achieved. Once the backfilling was completed the final restoration verification survey was completed.

Two additional H-piles were installed on the east side of the riverbanks in Cells 23 and 24 to enhance the pipe restraint system.

Once the riverbed and the lower riverbank backfilling activities in Cells 23E and 24E were completed, activities associated with the 54-inch HDPE pipe relocation were completed. The temporary access ramp over the 54-inch pipe located in Cell 24 was removed. All construction equipment and supplies were removed from the riverbed. The two 54-inch HDPE pipes were then relocated from the west side to the east side of the river channel. Once the relocation was completed the pipes were then reconnected to the pipe restraint system.

The survey contractor initiated the delineation of non-TSCA and TSCA excavation areas in Cells 23W and 24W and riverbank excavation activities were initiated in Cells 23W and 24W. Similar to Cells 23E and 24E, a small section of the floodplain in Cells 23W and 24W adjacent to the top of riverbank where GE anticipates performing subsequent remediation on residential floodplains will be remediated and restored by EPA's contractors. The excavated material was loaded directly into dump trucks by a long stick excavator located on the load-out area on Parcel I7-2-44. The excavated TSCA material was transported to Area 64A stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64B stockpile management area. The surveyors monitored the excavation activities in Cells 23W and 24W to ensure appropriate design excavation depths were achieved.

Also, during the third week of November restoration activities on Parcels I7-21-3 and I7-21-5 were initiated. Backfilling of the sluiceway that led to an old mill formerly located on the Parcel I7-21-3 was completed. The sluiceway was exposed during the excavation activities on the upper riverbank of Cell 20W. The influent of the sluiceway was exposed in two locations. The sluiceway consisted of an approximate 8-foot concrete culvert pipe. The concrete sluiceway structure was cut in two locations for inspection. The inspection revealed that the inlet from the river was filled with sand and there was a limited amount of material in the culvert itself. Two samples of the accumulated sand material were collected and revealed that the material had PCB levels of less than 1ppm. Re-bar forms were constructed over the two cuts on the concrete sluiceway structure and concrete was installed to repair the structure. The area was then backfilled with common fill to bring it up to original grade. A minimum six-inch layer of topsoil, herbaceous seed mix and erosion control blankets were installed on top of the common fill on Parcel I7-21-5 and dense grade/airport mix was placed on top of common fill on Parcel I7-21-3. Upon completion of the backfill activities on the two parcels the survey contractor completed the final restoration verification survey. In addition, PZ flat sheet piles were installed to stabilize the foundation on the structure located on Parcel I7-21-3. Two-inch stone was then placed between the sheet piles and the foundation. This was performed to mitigate any damage to the structure that may have been caused during remediation activities.

The clearing and grubbing of trees and brush along Cells 23 and 24 continued.

Other activities in the third week of November included the installation of 18-inch riprap around and under 12-inch storm water outfall structure adjacent the cantilevered retaining wall in Cell 15E to raise the level of the swale to the outfall invert elevation.

In addition, silt fencing was removed from both the east and the west riverbanks between Elm Street Bridge and the load-out area on Parcel I7-21-3. Decontamination of large boulders found during the excavation activities of Cells 23 and 24 was completed. The boulders are stockpiled in Area 64E and will be used as river enhancement structures in the future.

During the fourth week of November, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in Cells 23W and 24W and the excavation of Cells 23W and 24W continued. The excavated material was loaded directly into dump trucks by a long stick excavator located on the load out-area on Parcel I7-2-44. The excavated TSCA material was transported to Area 64A stockpile management area. The non-TSCA riverbank material pre-characterized for off-site disposal was transported to Area 64D and the non-TSCA material not characterized for off-site disposal was transported to Area 64B and Building 65 stockpile management areas. With a heavy rain forecast and the long Thanksgiving Holiday weekend on the way all excavated riverbanks were covered with poly anchored down by 12-inch riprap to prevent erosion.

The surveyors monitored the excavation activities in Cells 23W and 24W to ensure appropriate design excavation depths were achieved. The final excavation verification survey was initiated in Cells 23W and 24W where the excavation was completed.

There was a garage located on Parcel I7-2-44, adjacent to the top of the riverbank in an area that GE anticipated excavation of floodplain soil down to a depth of six feet. Since it was likely that GE would have to remove the garage during the floodplain remediation, and since the garage was in the way of EPA's remediation activities, EPA, GE and the property owner agreed that it was advantageous to remove the garage at this point. It was agreed that EPA's contractors would demolish the garage; however, the costs associated with the demolition and disposal of the demolition debris will be GE's responsibility. The replacement of the garage will also be GE's responsibility.

GE removed the contents of the garage and placed them in temporary storage. Also, an asbestos survey was completed by GE which determined that asbestos was not present in the building materials. EPA's contractors removed and transported all the florescent light bulbs, ballast, liquid containers and mercury electrical equipment to Building 68 (for proper disposal by GE). The demolition of the garage was then performed by the EPA's contractors. All the demolition debris was hauled directly to the Hill 78 OPCA.

Also, during the fourth week of November, the two NAPL collection systems in Cell 16 were inspected using the oil/water interface probe. Three access locations were inspected within the system. No evidence of NAPL was observed.

The clearing and grubbing of trees and brush along the riverbanks of Cells 23 and 24 continued.

During the last week of November, the excavation activities in Cells 23W and 24W were temporarily suspended due to high river flows. Once the flood water receded, dewatering of

Cells 23 and 24 were completed and riverbank excavation activities in Cell 23W resumed on November 30, 2004. All excavated materials were transported to Building 65 stockpile management area.

In addition, excavation activities associated with removing the contaminated soils beyond the top of riverbank on Parcel I7-2-44 were completed. The excavation was completed of behalf of GE. All excavated material was transported to Building 68 stockpile management area, GE will perform disposal characterization sampling of the material in the future. This completed the excavation of the "GE floodplain area" within Cells 23W and 24W. A total of 185 cy was excavated from Cells 23W and 24W. The total material excavated from "GE floodplain area" in Cells 23 and 24 was 244 cy.

Other activities during the last week of November included the installation of silt fencing on both the east and the west riverbanks along the access roads between the Lyman Street Bridge and the Elm Street Bridge.

During the month of November, the water treatment system treated water from Cells 20, 21, 22, 23 and 24. Sampling of the water treatment system for parameters included in the NPDES exclusion permit was performed on November 12, 2004. Air monitoring for particulate matter (PM10 sampling) and surface water turbidity monitoring were performed on a daily basis during the month of November. Surface water sampling for total suspended solids (TSS) and PCBs was performed on November 10, 2004 and November 17, 2004. The monthly PCB air-monitoring event was performed on November 23, 2004. PCB wipe samples were collected on decontaminated equipment. On November 11, 2004, November 12, 2004 and November 29, 2004, ten eight-point composite off-site disposal characterization samples were collected from the riverbed and riverbank materials excavated from Cells 23 and 24 (stockpiled in Area 64B, Area 64C and Building 65).

Two eight-point composite off-site disposal characterization samples were collected from NAPL-impacted material removed from Cell 20 (currently stockpiled in Building 68) on October 26, 2004. The NAPL-impacted material from Cell 20 that overlapped into areas designated as "TSCA areas" based on the historical data resulted with a post-excavation PCB result less than 50 ppm. Therefore two more eight-point composite off-site disposal characterization samples were collected from the material on November 1, 2004 for PCB analysis only.

Geotechnical samples were collected for filter material type 1, 12-inch riprap and 18-inch riprap. The results of the geotechnical testing are not included in the monthly report but are contained in other submittals and are available upon request.

The transfer of cobble materials from the Area 64E and non-TSCA riverbank soil from Area 64D stockpile management areas to the Hill 78 OPCA was performed on November 01, 2004. The transfer of TSCA materials from the Area 64A and Building 63 stockpile management areas to the Building 71 OPCA was performed on November 02, 2004, November 03, 2004 and November 15, 2004. Also, the transfer of non-TSCA demolition debris from Parcel I7-2-44 was performed on November 23, 2004. (See Table 3 for a summary of material transported to the OPCAs during the month of November 2004 and Table 4 for a summary of material transported to the OPCAs for the project through November 2004.)

The non-TSCA materials from the Building 65, Area 64B, Area 64C, and Area 64D stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, NH from November 03, 2004 to November 30, 2004. (See Table 5 for a summary of material transported to the Waste Management of New Hampshire-TREE, Rochester, NH during the month of November 2004.)

In addition, Cell 20 NAPL-impacted non-TSCA materials from Building 68 stockpile management area were transported to the Waste Management of New Hampshire-TREE, Rochester, NH on November 11, 2004. (See Table 5 for a summary of NAPL-impacted material transported to the Waste Management of New Hampshire-TREE, Rochester, NH during the month of November 2004.)

Conditions and settlement monitoring activities on selected structures in Phase 3A were completed.

Stockpile management area activities continued throughout the month of November. Daily inspections, operation, and maintenance activities were performed within Buildings 63, 65, Area 64 (the outside stockpile area) and Building 68. Dust control procedures continued for access roads, parking areas, and material storage areas. Manhole repairs were performed in the Area 64D.

Traffic control was conducted on Lyman Street, Elm Street, Deming Street and Dawes Avenue during the month of November.

### **3. Sampling/test results received**

Table 6 contains a summary of the samples collected for the water treatment system sampling program on October 21, 2004 and November 12, 2004. Table 6a contains the non-PCB water treatment system sample results collected on October 21, 2004. The results of the daily particulate air monitoring program are summarized in Table 7. Table 8 is a summary of daily turbidity monitoring results. Results for PCB and TSS samples and water column monitoring data collected on November 10, 2004 and November 17, 2004 are presented in Table 9. Summary of the PCB air sampling conducted on November 23, 2004 are provided in Table 10, however the analytical data is not yet available. Table 11 contains data associated with PCB wipe samples collected on decontaminated equipment. The results for the topsoil samples collected on October 22, 2004 are presented in Table 12. Post-excavation off-site disposal characterization sample results for the riverbed and riverbank materials excavated from Cells 23 and 24 (stockpiled in Area 64B, Area 64C and Building 65) collected on November 11, 2004, November 12, 2004 and November 29, 2004 are summarized in Table 13. Sample results associated with October 26, 2004 and November 1, 2004 sampling of the Cell 20 NAPL-impacted material (stockpiled in Building 68) are presented in Table 14.

#### **4. Diagrams associated with the tasks performed**

Figure 1 is a map of Phase 1, the Transition Phase, Phase 2 and Phase 3A and includes the layout of all excavation cells, temporary dam, water monitoring locations, air sampling locations, access road locations, excavation load out locations, staging area locations, fence line location, the water treatment system pad location, and the utility trench location.

#### **5. Reports received and prepared**

Vibration monitoring activities were performed during the month of November; however a report has not yet been received.

#### **6. Photo documentation of activities performed**

See attached photos.

#### **7. Brief description of work to be performed in December 2004**

- Complete excavation activities in Cells 23W and 24W.
- Complete backfill activities in Cells 23W and 24W.
- Continue stockpile management activities at Buildings 63, 65, 68 and Area 64 (outside contaminated material stockpile area).
- Continue transfer the non-TSCA materials from the stockpile management areas to approved off-site facilities.
- Continue to transfer TSCA and non-TSCA cobble material to the OPCAs.
- Continue daily air and turbidity monitoring.
- Continue PCB air sampling (once a month), water column sampling (twice a month), water treatment system sampling (once a month) and backfill material sampling (as needed).
- Secure the site for the Holiday shutdown period.

## **8. Attachments to this report**

Table 1. Quantity of Bank and Sediment Material Excavated during the Month of November

Table 2. Quantity of Bank and Sediment Material Excavated to Date

Table 3. Quantity of Material Transferred to OPCAs during the Month of November

Table 4. Quantity of Material Transferred to OPCAs to Date

Table 5. Quantity of non-TSCA Material Transferred to Waste Management of New Hampshire TREE in Rochester, NH during the Month of November

Table 6. NPDES PCB Sampling Results for Water Treatment System

Table 6a. NPDES non-PCB Sampling Results for Water Treatment System

Table 7. Daily Air Monitoring Results

Table 8. Daily Water Column Turbidity Monitoring Results

Table 9. Summary of Turbidity, PCB, and TSS Water Column Monitoring Results

Table 10. PCB Air Sampling Results

Table 11. Equipment Confirmatory Wipe Sample Results

Table 12. Backfill Material Testing Results

Table 13. Post-Excavation Soil/Sediment Stockpile Characterization Analytical Results

Table 14. Cell 20 NAPL-impacted Material Stockpile Characterization Analytical Results

Figure 1- 1.5 Mile Removal Action Site Map

Photo documentation

**Table 1 - Quantity of Bank and Sediment Material Generated During the Month of November  
November 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
<b>Bank Soil and Sediment</b>				
11/5/2004	Cell 23E and 24E	190	0	0
11/6/2004	Cell 23E and 24E	260	270	0
11/8/2004	Cell 23E and 24E	600	0	0
11/9/2004	Cell 24E	260	90	0
11/10/2004	Cell 24E	490	0	0
11/11/2004	Cell 24E	50	0	0
11/20/2004	Cell 24W	120	180	0
11/22/2004	Cell 24W	400	60	0
11/23/2004	Cell 23W	350	60	0
11/24/2004	Cell 23W	160	0	0
11/30/2004	Cell 23W	180	0	0
	<b>Monthly total from bank soil and sediment</b>	<b>3,060</b>	<b>660</b>	<b>0</b>

Note:

All quantities are in compacted or "in-place" cubic yards. All loads are estimated at 10cy per truck.  
Excludes approximately 60cy of tree stumps and debris removed from the Phase 3A "GE Floodplain Area"

**Table 2 - Quantity of Bank and Sediment Material Excavated to Date  
November 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 07/29/03	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 03/24/04	Cell 14&15	4,462	288	257	5,007
05/25/04 to 07/28/04	Cell 16&17	4,409	822	3,191	8,422
07/30/04 to 09/17/04	Cell 18&19	3,741	65	685	4,491
09/28/04 to 10/25/04	Cell 20 (1)	948	591	196	1,735
09/28/04 to 10/25/04	Cell 21	525	569	0	1,094
09/28/04 to 10/25/04	Cell 22	1,170	686	0	1,856
11/04/04 to 11/30/04	Cell 23&24*	2,920	660	0	3,580
	<b>Total</b>	<b>40,913</b>	<b>9,279</b>	<b>6,949</b>	<b>57,141</b>

Note:

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

\* - Quantity estimated at 10cy per truck.

(1) - there was a error in last month's table. The total amount of Cell 20 excavated NAPL material should have been 196 cy instead of 393 cy.

**Table 3 - Quantity of Material Transferred to OPCAs During the Month of November  
November 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)
<b>Bank Soil and Sediment</b>			
11/1/2004	33	363	0
11/2/2004	47	0	517
11/3/2004	32	0	352
11/15/2004	43	0	473
<b>Monthly totals</b>	<b>155</b>	<b>363</b>	<b>1,342</b>

Note:

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

(1) Estimated at 11 cy per truck

Excludes 5 truck loads of garage demolition debris from Parcel I7-2-44.

**Table 4 - Quantity of Material Transferred to OPCAs to Date  
November 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)
<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	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
04/28/04 to 4/30/04	Stockpile Management Area	0	825 (3)
05/12/04 to 05/27/04	Stockpile Management Area/Excavation Cells/Outfall Repair on Parcel I8-23-6	1,518 (3)	484 (3)
06/03/04 to 06/22/04	Stockpile Management Area	0	528 (3)
07/06/04 to 07/16/05	Stockpile Management Area	396 (3)	836 (3)
08/11/04 to 08/31/04	Stockpile Management Area	1,045 (3)	0
09/28/04 to 09/30/04	Stockpile Management Area	1,375 (3)	0
10/01/04 to 10/14/04	Stockpile Management Area	352 (3)	1,958 (3)
11/01/04 to 11/15/04	Stockpile Management Area	363 (3)	1,342 (3)
<b>Project Totals</b>		<b>28,221</b>	<b>12,306</b>

Pursuant to the Consent Decree, EPA is allowed to dispose of up to 50,000cy of material into GE OPCAs. Pursuant to August 2004 agreement between EPA and GE, EPA is allowed to dispose an additional 750cy of material into the GE OPCAs to account for a portion of the volume of material generated as part of the removal of the gabion baskets and reno mattresses along Deming Street.

Notes:

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 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-TREE,  
Rochester, N.H.  
During the Month of November  
November 2004 Monthly Report**

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

**(Results are reported in tons)**

<b>Date Shipped</b>	<b>Doc. Number</b>	<b>Stockpile Area</b>	<b>Net Weight (Tons) (1)</b>
11/03/04	0712WMNH	Cell 20,21,22 Bldg. 65	27.68
11/03/04	0713WMNH	Cell 20,21,22 Bldg. 65	30.46
11/03/04	0714WMNH	Cell 20,21,22 Bldg. 65	28.55
11/03/04	0715WMNH	Cell 20,21,22 Bldg. 65	29.80
11/03/04	0716WMNH	Cell 20,21,22 Bldg. 65	33.12
11/03/04	0717WMNH	Cell 20,21,22 Bldg. 65	31.21
11/03/04	0718WMNH	Cell 20,21,22 Bldg. 65	30.40
11/03/04	0719WMNH	Cell 20,21,22 Bldg. 65	32.45
11/03/04	0720WMNH	Cell 20,21,22 Bldg. 65	32.79
11/03/04	0721WMNH	Cell 20,21,22 Bldg. 65	32.72
11/03/04	0722WMNH	Cell 20,21,22 Bldg. 65	30.21
11/03/04	0723WMNH	Cell 20,21,22 Bldg. 65	32.01
11/05/04	0724WMNH	Cell 20,21,22, 64B North	33.16
11/05/04	0725WMNH	Cell 20,21,22, 64B North	28.79
11/05/04	0726WMNH	Cell 20,21,22, 64B North	31.02
11/05/04	0727WMNH	Cell 20,21,22, 64B North	31.35
11/05/04	0728WMNH	Cell 20,21,22, 64B North	29.52
11/05/04	0729WMNH	Cell 20,21,22, 64B North	29.09
11/05/04	0730WMNH	Cell 20,21,22, 64B North	29.56
11/05/04	0731WMNH	Cell 20,21,22, 64B North	29.68
11/05/04	0732WMNH	Cell 20,21,22, 64B North	33.66
11/05/04	0733WMNH	Cell 20,21,22, 64B North	34.80
11/05/04	0734WMNH	Cell 20,21,22, 64B North	31.90
11/05/04	0735WMNH	Cell 20,21,22, 64B North	33.82
11/08/04	0736WMNH	Cell 20,21,22, 64B North	30.40
11/08/04	0737WMNH	Cell 20,21,22, 64B North	29.87
11/08/04	0738WMNH	Cell 20,21,22, 64B North	29.18
11/08/04	0739WMNH	Cell 20,21,22, 64B North	31.18
11/08/04	0740WMNH	Cell 20,21,22, 64B North	33.54
11/08/04	0741WMNH	Cell 20,21,22, 64B North	30.75
11/08/04	0742WMNH	Cell 20,21,22, 64B North	32.82
11/08/04	0743WMNH	Cell 20,21,22, 64B North	31.64
11/08/04	0744WMNH	Cell 20,21,22, 64B North	34.76
11/08/04	0745WMNH	Cell 20,21,22 Bldg. 65	33.96
11/08/04	0746WMNH	Cell 20,21,22, 64B North	34.69

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
11/08/04	0747WMNH	Cell 20,21,22 Bldg. 65	32.86
11/08/04	0748WMNH	Cell 20,21,22 Bldg. 65	32.21
11/08/04	0749WMNH	Cell 20,21,22 Bldg. 65	33.22
11/09/04	0750WMNH	Cell 20,21,22 Bldg. 65	31.29
11/09/04	0751WMNH	Cell 20,21,22 Bldg. 65	29.85
11/09/04	0752WMNH	Cell 20,21,22 Bldg. 65	32.57
11/09/04	0753WMNH	Cell 20,21,22 Bldg. 65	30.28
11/09/04	0754WMNH	Cell 20,21,22 Bldg. 65	31.45
11/09/04	0755WMNH	Cell 20,21,22 Bldg. 65	33.04
11/09/04	0756WMNH	Cell 20,21,22 Bldg. 65	30.87
11/09/04	0757WMNH	Cell 20,21,22 Bldg. 65	31.78
11/09/04	0758WMNH	Cell 20,21,22 Bldg. 65	33.98
11/09/04	0759WMNH	Cell 20,21,22 Bldg. 65	31.66
11/09/04	0760WMNH	Cell 20,21,22 Bldg. 65	30.95
11/09/04	0761WMNH	Cell 20,21,22 Bldg. 65	32.38
11/10/04	0762WMNH	Cell 20,21,22 Bldg. 65	32.93
11/10/04	0763WMNH	Cell 20,21,22 Bldg. 65	32.47
11/10/04	0764WMNH	Cell 20,21,22 Bldg. 65	31.72
11/10/04	0765WMNH	Cell 20,21,22 Bldg. 65	32.18
11/10/04	0766WMNH	Cell 20,21,22 Bldg. 65	32.78
11/10/04	0767WMNH	Cell 20,21,22 Bldg. 65	32.50
11/10/04	0768WMNH	Cell 20,21,22 Bldg. 65	35.07
11/10/04	0769WMNH	Cell 20,21,22 Bldg. 65	33.30
11/10/04	0770WMNH	Cell 20,21,22 Bldg. 65	33.05
11/10/04	0771WMNH	Cell 20,21,22 Bldg. 65	35.84
11/10/04	0772WMNH	Cell 20,21,22 Bldg. 65	33.67
11/11/04	0773WMNH	Cell 20 NAPL Building 68	29.79
11/11/04	0774WMNH	Cell 20 NAPL Building 68	33.69
11/11/04	0775WMNH	Cell 20 NAPL Building 68	33.09
11/11/04	0776WMNH	Cell 20 NAPL Building 68	33.05
11/11/04	0777WMNH	Cell 20 NAPL Building 68	31.45
11/11/04	0778WMNH	Cell 20 NAPL Building 68	29.87
11/11/04	0779WMNH	Cell 20 NAPL Building 68	34.99
11/11/04	0780WMNH	Cell 20 NAPL Building 68	30.08
11/11/04	0781WMNH	Cell 23E & 24E, Area 64D	32.71
11/11/04	0782WMNH	Cell 23E & 24E, Area 64D	31.25
11/11/04	0783WMNH	Cell 23E & 24E, Area 64D	34.11
11/11/04	0784WMNH	Cell 23E & 24E, Area 64D	30.72
11/11/04	0785WMNH	Cell 23E & 24E, Area 64D	30.35
11/11/04	0786WMNH	Cell 23E & 24E, Area 64D	29.52
11/11/04	0787WMNH	Cell 23E & 24E, Area 64D	31.78
11/11/04	0788WMNH	Cell 23E & 24E, Area 64D	31.80
11/11/04	0789WMNH	Cell 23E & 24E, Area 64D	30.11
11/11/04	0790WMNH	Cell 23E & 24E, Area 64D	29.80
11/11/04	0791WMNH	Cell 23E & 24E, Area 64D	29.30

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
11/11/04	0792WMNH	Cell 23E & 24E, Area 64D	30.39
11/11/04	0793WMNH	Cell 23E & 24E, Area 64D	31.61
11/11/04	0794WMNH	Cell 23E & 24E, Area 64D	33.02
11/11/04	0795WMNH	Cell 23E & 24E, Area 64D	33.47
11/12/04	0796WMNH	Cell 20,21,22 Bldg. 65	34.37
11/12/04	0797WMNH	Cell 20,21,22 Bldg. 65	33.54
11/12/04	0798WMNH	Cell 20,21,22 Bldg. 65	29.99
11/18/04	0799WMNH	Cell 23E & 24E Area 64B	32.44
11/18/04	0800WMNH	Cell 23E & 24E Area 64B	33.79
11/18/04	0801WMNH	Cell 23E & 24E Area 64B	34.72
11/18/04	0802WMNH	Cell 23E & 24E Area 64B	29.86
11/18/04	0803WMNH	Cell 23E & 24E Area 64B	34.84
11/18/04	0804WMNH	Cell 23E & 24E Area 64B	33.19
11/18/04	0805WMNH	Cell 23E & 24E Area 64B	36.35
11/18/04	0806WMNH	Cell 23E & 24E Area 64B	33.46
11/18/04	0807WMNH	Cell 23E & 24E Area 64B	34.62
11/18/04	0808WMNH	Cell 23E & 24E Area 64B	35.91
11/18/04	0809WMNH	Cell 23E & 24E Area 64B	35.87
11/18/04	0810WMNH	Cell 23E & 24E Area 64B	35.25
11/18/04	0811WMNH	Cell 23E & 24E Area 64B	36.42
11/18/04	0812WMNH	Cell 23E & 24E Area 64B	33.99
11/18/04	0813WMNH	Cell 23E & 24E Area 64B	34.83
11/19/04	0814WMNH	Cell 23E & 24E Area 64B	35.72
11/19/04	0815WMNH	Cell 23E & 24E Area 64B	30.96
11/19/04	0816WMNH	Cell 23E & 24E Area 64B	34.14
11/19/04	0817WMNH	Cell 23E & 24E Area 64B	34.78
11/19/04	0818WMNH	Cell 23E & 24E Area 64B	35.39
11/19/04	0819WMNH	Cell 23E & 24E Area 64B	35.67
11/19/04	0820WMNH	Cell 23E & 24E Area 64B	34.89
11/22/04	0821WMNH	Cell 23E & 24E Area 64B	33.49
11/22/04	0822WMNH	Cell 23E & 24E Area 64B	33.15
11/22/04	0823WMNH	Cell 23E & 24E Area 64B	35.48
11/22/04	0824WMNH	Cell 23E & 24E Area 64B	32.45
11/22/04	0825WMNH	Cell 23E & 24E Area 64B	33.42
11/22/04	0826WMNH	Cell 23E & 24E Area 64B	33.39
11/30/04	0827WMNH	Cell 23E & 24E Area 64C	31.51
11/30/04	0828WMNH	Cell 23E & 24E Area 64C	28.04
11/30/04	0829WMNH	Cell 23E & 24E Area 64C	31.76
11/30/04	0830WMNH	Cell 23E & 24E Area 64C	31.92
11/30/04	0831WMNH	Cell 23E & 24E Area 64C	32.08
11/30/04	0832WMNH	Cell 23E & 24E Area 64C	33.44
11/30/04	0833WMNH	Cell 23E & 24E Area 64C	33.00
11/30/04	0834WMNH	Cell 23E & 24E Area 64C	31.74
11/30/04	0835WMNH	Cell 23E & 24E Area 64C	33.18
11/30/04	0836WMNH	Cell 23E & 24E Area 64C	31.38

<b>Date Shipped</b>	<b>Doc. Number</b>	<b>Stockpile Area</b>	<b>Net Weight (Tons) (1)</b>
11/30/04	0837WMNH	Cell 23E & 24E Area 64C	33.89
11/30/04	0838WMNH	Cell 23E & 24E Area 64C	34.06
11/30/04	0839WMNH	Cell 23E & 24E Area 64C	31.31
11/30/04	0840WMNH	Cell 23E & 24E Area 64C	32.71
11/30/04	0841WMNH	Cell 23E & 24E Area 64C	34.16
11/30/04	0842WMNH	Cell 23E & 24E Area 64C	33.57
<b>Total of Material Disposed</b>			<b>4,244.51</b>

Notes:

(1) Net weights established at the disposal facility

**Table 6- NPDES Sampling Results for Water Treatment System  
November 2004 Monthly Report**

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

(Results are presented in part per billion, ppb)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	Total PCBs Filtered
H2-WW000001-0-4C21	Influent	21-Oct-04	ND(0.60)	ND(0.60)	1.5	4.7	6.2	0.024
H2-WW000004-0-4C21	Modutank Effluent	21-Oct-04	ND(0.61)	ND(0.61)	1.6	4.8	6.4	0.013
H2-WW000005-0-4C21	Sand Filter Effluent	21-Oct-04	ND(0.049)	ND(0.049)	0.46	0.13	0.59	0.062
H2-WW000002-0-4C21	Intermediate	21-Oct-04	ND(0.024)	ND(0.024)	0.054	0.13	0.18	NS
H2-WW000003-0-4C21	Effluent	21-Oct-04	ND(0.012)	ND(0.012)	0.014	0.058	0.072	NS
H2-WW000001-0-4N12	Influent	12-Nov-04	ND(0.025)	ND(0.025)	0.073	0.20	0.27	NS
H2-WW000001-1-4N12 (duplicate)	Influent	12-Nov-04	ND(0.012)	ND(0.012)	0.057	0.14	0.20	NS
H2-WW000002-0-4N12	Intermediate	12-Nov-04	ND(0.012)	ND(0.012)	ND(0.012)	0.016	0.016	NS
H2-WW000003-0-4N12	Effluent	12-Nov-04	ND(0.013)	ND(0.013)	ND(0.013)	ND(0.013)	ND(0.013)	NS
<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>	N/A

Notes:

ND(0.024) - Analyte was not detected. The value in parentheses is the associated detection limit.

Modutank Effluent- Sample collected between the modutank and the oil/water separator.

Sand Filter Effluent - Sample collected between the sand and carbon filter.

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

NS - Not Sampled

N/A - Not Available

**Table 6a - NPDES non-PCB Sampling Results for Water Treatment System  
November 2004 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-WW000001-0-4C21	H2-WW000004-0-4C21	H2-WW000005-0-4C21	H2-WW000002-0-4C21	H2-WW000003-0-4C21	Permit Regulatory Effluent Limits
Sample type	Influent	Modutank Effluent	Sand Filter Effluent	Intermediate	Effluent	
Date Collected	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	
Analyte						
<b>APP IX SEMIVOLATILES</b>						
ACENAPHTHENE	8.1 J	7.3 J	ND	ND	ND	100
ANTHRACENE	0.49 J	ND	ND	ND	ND	100
BENZO(A)ANTHRACENE	0.63 J	1.2 J	ND	ND	ND	100
BENZO(A)PYRENE	0.54 J	0.97 J	ND	ND	ND	100
BENZO(B)FLUORANTHENE	ND	0.55 J	ND	ND	ND	100
BENZO(GHI)PERYLENE	ND	0.58 J	ND	ND	ND	100
BENZO(K)FLUORANTHENE	0.48 J	0.98 J	ND	ND	ND	100
BIS(2-ETHYLHEXYL) PHTHALATE	0.71 J	0.67 J	0.67 J	ND	ND	100
CHRYSENE	0.66 J	1.2 J	ND	ND	ND	100
DI-N-OCTYL PHTHALATE	1.1 J	ND	8.9 J	ND	ND	100
FLUORANTHENE	3.1 J	5.2 J	ND	ND	ND	100
PYRENE	3.1 J	5.3 J	ND	ND	ND	100
<b>APP IX VOLATILES</b>						
ACETONE	3.6 J	2.6 J	ND	ND	ND	100
CHLOROBENZENE	0.27 J	ND	ND	ND	ND	100
CHLOROFORM	ND	ND	ND	0.43 J	0.21 J	100
CHLOROMETHANE	ND	0.21 J	ND	0.27 J	ND	N/A
CIS-1,2-DICHLOROETHENE	6.4	2.4	1.4	0.22 J	ND	N/A
ETHYL BENZENE	0.47 J	0.41 J	ND	ND	ND	N/A
M,P-XYLENE (SUM OF ISOMERS)	0.71 J	0.72 J	ND	ND	ND	*
NAPHTHALENE	0.67 J	ND	ND	ND	ND	100
O-XYLENE	0.38 J	0.42 J	ND	ND	ND	*
TERT-BUTYL METHYL ETHER	1.6	1.3	0.76 J	6.8	7.0	70
TETRACHLOROETHYLENE(PCE)	17.0	3.0	1.4	ND	ND	N/A
TOLUENE	0.50 J	0.49 J	ND	ND	ND	*
TRICHLOROETHYLENE (TCE)	1.3	0.42 J	0.25 J	ND	ND	N/A
XYLENES (TOTAL)	1.1	1.2	ND	ND	ND	*
<b>METALS</b>						
ANTIMONY	5.4	NS	NS	NS	ND	N/A
BARIUM	49.2	NS	NS	NS	16.2	100
CHROMIUM	7.5	NS	NS	NS	ND	100
COBALT	4.7	NS	NS	NS	ND	100
COPPER	18.7	NS	NS	NS	ND	100

Sample ID	H2-WW000001-0-4C21	H2-WW000004-0-4C21	H2-WW000005-0-4C21	H2-WW000002-0-4C21	H2-WW000003-0-4C21	Permit Regulatory Effluent Limits
Sample type	Influent	Modutank Effluent	Sand Filter Effluent	Intermediate	Effluent	
Date Collected	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	
Analyte						
LEAD	26.2	NS	NS	NS	ND	50
NICKEL	9.3	NS	NS	NS	ND	100
VANADIUM	5.4	NS	NS	NS	ND	100
ZINC	52.7	NS	NS	NS	4.7	500

Notes:

Modutank Effluent- Sample collected between the modutank and the oil/water separator.

Sand Filter Effluent - Sample collected between the sand and carbon filter.

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

Only detected constituents are summarized

ND - not detected

J - Indicates an estimated value

\* Total BTEX (Benzene, Toluene, Ethyl Benzene and Xylene) can not exceed 100 ppb

N/A - not available

NS -Not sampled

**Table 7 - Daily Air Monitoring Results  
November 2004 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>
11/1/2004	Upwind	0.006	8
	Downwind	0.000	7
	Background	0.000	7
11/2/2004	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
11/3/2004	Upwind	--	--
	Downwind	--	--
	Background	--	--
11/4/2004	Upwind	0.004	5
	Downwind	0.003	5
	Background	0.003	5
11/5/2004	Upwind	N/A	N/A
	Downwind	N/A	N/A
	Background	N/A	N/A
11/6/2004	Upwind	0.002	9
	Downwind	0.010	9
	Background	0.004	8
11/8/2004	Upwind	0.002	7
	Downwind	0.000	7
	Background	--	--
11/9/2004	Upwind	0.008	8
	Downwind	0.000	8
	Background	--	--
11/10/2004	Upwind	0.000	4
	Downwind	0.009	8
	Background	0.000	1
11/11/2004	Upwind	0.007	7
	Downwind	0.015	7
	Background	--	--
11/12/2004	Upwind	0.015	7
	Downwind	0.007	7
	Background	--	--
11/13/2004	Upwind	--	--
	Downwind	--	--
	Background	--	--
11/15/2004	Upwind	--	--
	Downwind	0.009	6
	Background	0.014	6
11/16/2004	Upwind	0.031	5
	Downwind	0.024	5
	Background	--	--

Date Collected	Sample Location	Average Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)
11/17/2004	Upwind	0.014	6
	Downwind	0.025	6
	Background	0.000	6
11/18/2004	Upwind	0.011	6
	Downwind	--	--
	Background	--	--
11/19/2004	Upwind	0.028	6
	Downwind	0.019	7
	Background	0.003	7
11/20/2004	Upwind	0.013	7
	Downwind	0.006	7
	Background	--	--
11/22/2004	Upwind	0.007	9
	Downwind	0.038	9
	Background	0.000	2
11/23/2004	Upwind	--	--
	Downwind	0.152	9
	Background	--	--
11/24/2004	Upwind	**	**
	Downwind	**	**
	Background	**	**
11/25/2004	Upwind	holiday	holiday
	Downwind	holiday	holiday
	Background	holiday	holiday
11/26/2004	Upwind	holiday	holiday
	Downwind	holiday	holiday
	Background	holiday	holiday
11/27/2004	Upwind	holiday	holiday
	Downwind	holiday	holiday
	Background	holiday	holiday
11/29/2004	Upwind	##	##
	Downwind	##	##
	Background	##	##
11/30/2004	Upstream	0.011	7
	Downstream	0.003	7
	Background	0.000	7
<b>notification level</b>		<b>0.120</b>	
<b>action level</b>		<b>0.150</b>	

Notes:

N/A - Not available due to precipitation forecast > 50%

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

\*\* - No data collected due to down load of backlogged data. Work being performed was pre holiday clean up.

## - not deployed due to overtopping; no intrusive work performed.

**Table 8 - Daily Water Column Turbidity Monitoring Results  
November 2004 Monthly Report**

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

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Average	High	Low	
11/1/2004	66	Downstream of Lyman Street Bridge	1.3	1.9	1.1	10.3
		Downstream of Pomeroy Avenue Bridge	10.4	41.1	1.8	10.41
11/2/2004	65	Downstream of Lyman Street Bridge	4.5	5.0	4.2	8.3
		Downstream of Pomeroy Avenue Bridge	6.0	22.3	2.9	8.82
11/3/2004	75	Downstream of Lyman Street Bridge	4.8	5.9	3.6	8.6
		Downstream of Pomeroy Avenue Bridge	8.1	19.3	4.3	8.8
11/4/2004	82	Downstream of Lyman Street Bridge	6.5	50.9	1.4	6.9
		Downstream of Pomeroy Avenue Bridge	4.4	24.8	1.4	7.4
11/5/2004	147	Downstream of Lyman Street Bridge	4.2	6.4	2.7	6.18
		Downstream of Pomeroy Avenue Bridge	3.2	3.9	2.5	6.4
11/6/2004	133	Downstream of Lyman Street Bridge	1.7	2.2	1.4	5.81
		Downstream of Pomeroy Avenue Bridge	1.4	2.1	1.0	5.9
11/7/2004	111	Downstream of Lyman Street Bridge	1.9	4.8	1.4	6.69
		Downstream of Pomeroy Avenue Bridge	0.9	1.2	0.7	6.6
11/8/2004	105	Downstream of Lyman Street Bridge	1.8	6.9	1.2	7.11
		Downstream of Pomeroy Avenue Bridge	0.8	1.4	0.5	7.2
11/9/2004	96	Downstream of Lyman Street Bridge	1.3	1.6	1.2	4.78
		Downstream of Pomeroy Avenue Bridge	0.6	1.3	0.3	4.9
11/10/2004	97	Downstream of Lyman Street Bridge	1.8	6.2	1.3	3.03
		Downstream of Pomeroy Avenue Bridge	0.6	0.9	0.4	3.1
11/11/2004	97	Downstream of Lyman Street Bridge	1.5	1.7	1.4	3.93
		Downstream of Pomeroy Avenue Bridge	0.7	1.1	0.5	3.8
11/12/2004	101	Downstream of Lyman Street Bridge	1.8	2.2	1.6	4.62
		Downstream of Pomeroy Avenue Bridge	0.7	0.9	0.5	4.7
11/13/2004	97	Downstream of Lyman Street Bridge	1.7	2.4	1.4	3.83
		Downstream of Pomeroy Avenue Bridge	0.7	1.0	0.3	3.9
11/14/2004	94	Downstream of Lyman Street Bridge	1.5	1.7	1.4	2.72
		Downstream of Pomeroy Avenue Bridge	0.7	1.2	0.5	2.69
11/15/2004	94	Downstream of Lyman Street Bridge	1.5	2.0	1.3	3.38
		Downstream of Pomeroy Avenue Bridge	0.6	1.1	0.4	3.19
11/16/2004	99	Downstream of Lyman Street Bridge	26.7	315.4	2.1	3.91
		Downstream of Pomeroy Avenue Bridge	0.8	1.9	0.3	3.98
11/17/2004	88	Downstream of Lyman Street Bridge	3.0	4.9	2.3	4.46
		Downstream of Pomeroy Avenue Bridge	1.1	3.0	0.7	4.31
11/18/2004	71	Downstream of Lyman Street Bridge	5.8	9.6	3.2	6.16
		Downstream of Pomeroy Avenue Bridge	1.8	3.1	1.2	5.95
11/19/2004	68	Downstream of Lyman Street Bridge	6.1	28.3	2.8	7.52
		Downstream of Pomeroy Avenue Bridge	2.5	9.7	1.1	7.55
11/20/2004	66	Downstream of Lyman Street Bridge	6.1	15.9	2.9	6.74
		Downstream of Pomeroy Avenue Bridge	4.2	4.9	3.5	6.72

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Average	High	Low	
11/21/2004	71	Downstream of Lyman Street Bridge	218.6	909.3	11.8	6.58
		Downstream of Pomeroy Avenue Bridge	8.8	11.9	7.3	6.57
11/22/2004	69	Downstream of Lyman Street Bridge	17.2	30.8	7.8	6.3
		Downstream of Pomeroy Avenue Bridge	10.8	15.2	8.0	6.25
11/23/2004	63	Downstream of Lyman Street Bridge	200.4	902.5	7.8	4.9
		Downstream of Pomeroy Avenue Bridge	15.0	24.3	11.4	5.27
11/24/2004	60	Downstream of Lyman Street Bridge	632.5	905.4	8.4	5.8
		Downstream of Pomeroy Avenue Bridge	19.2	31.8	12.1	5.6
11/25/2004	122	Downstream of Lyman Street Bridge	370.2	917.8	17.4	8.35
		Downstream of Pomeroy Avenue Bridge	55.3	89.5	34.6	8.5
11/26/2004	138	Downstream of Lyman Street Bridge	355.3	897.2	27.3	4.72
		Downstream of Pomeroy Avenue Bridge	285.8	741.0	29.2	5.3
11/27/2004	96	Downstream of Lyman Street Bridge	325.6	882.9	14.1	3.3
		Downstream of Pomeroy Avenue Bridge	210.4	580.0	37.1	3.3
11/28/2004	109	Downstream of Lyman Street Bridge	357.2	905.7	37.2	5.1
		Downstream of Pomeroy Avenue Bridge	376.9	1297.6	52.3	4.9
11/29/2004	279	Downstream of Lyman Street Bridge	8.1	13.9	5.8	4.38
		Downstream of Pomeroy Avenue Bridge	641.3	1380.2	73.6	4.67
11/30/2004	157	Downstream of Lyman Street Bridge	2.2	3.1	1.8	3.81
		Downstream of Pomeroy Avenue Bridge	682.0	1373.9	83.2	3.92

Notes:

**Turbidity Action Level - Average Downstream (Pomeroy Avenue)  $\geq$  Average Downstream (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.

Readings from 11/24 through 11/30 at Lyman St. are suspected to be elevated due to calibration drift, and/or silting in of the probes caused by several storms and high river flows.

Readings from 11/26 through 11/30 at Pomeroy Ave. are suspected to be elevated due to calibration drift, and/or silting in of the probes caused by several storms and high river flows.

**Table 9 - Summary of Turbidity, PCB, and TSS Water Column Monitoring Results  
November 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	11/10/04	97	NS	NS	NS	NS	NS	NS	H0-SW000054-0-4N10	NS	NS	NS
Downstream of Lyman St. Bridge	11/10/04	97	6.2	1.3	1.8	3.03	NS	NS	H2-SW000055-0-4N10	ND(0.013)	ND(0.013)	1.4
Downstream of Pomeroy Ave. Bridge	11/10/04	97	0.9	0.4	0.6	3.10	126.0	122.5	H2-SW000052-0-4N10	ND(0.013)	ND(0.013)	1.5
Downstream of Pomeroy Ave. Bridge (duplicate)	11/10/04	97	0.9	0.4	0.6	3.10	126.0	122.5	H2-SW000052-1-4N10	0.016	NS	NS
Upstream of Newell St. Bridge	11/17/04	88	NS	NS	NS	NS	NS	NS	H0-SW000054-0-4N17	ND(0.013)	ND(0.013)	1.8
Downstream of Lyman St. Bridge	11/17/04	88	4.9	2.3	3.0	4.46	NS	NS	H2-SW000055-0-4N17	ND(0.013)	ND(0.013)	2.5
Downstream of Pomeroy Ave. Bridge	11/17/04	88	3.0	0.7	1.1	4.31	124.9	107.5	H2-SW000052-0-4N17	ND(0.013)	ND(0.013)	2.0

Notes:  
**PCB Action Level - Downstream (Pomeroy Avenue) ≥ Downstream (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.

**Table 10 - PCB Air Sampling Results  
November 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 (1)	Date Collected	Aroclor 1016, & 1242	Aroclor 1221, 1232, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000007-0-4N23	background	23-Nov-04	NR	NR	NR	NR	NR
H2-AR000037-0-4N23	AR000037	23-Nov-04	NR	NR	NR	NR	NR
H2-AR000038-0-4N23	AR000038	23-Nov-04	NR	NR	NR	NR	NR
H2-AR000040-0-4N23	AR000040	23-Nov-04	NR	NR	NR	NR	NR
H2-AR000041-0-4N23	AR000041	23-Nov-04	NR	NR	NR	NR	NR
H2-AR000041-1-4N23 (duplicate)	AR000041	23-Nov-04	NR	NR	NR	NR	NR

Notes:

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

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

1- See Figure 1 for locations

NR - Not yet reported

**Table 11 - Equipment Confirmatory Wipe Samples  
November 2004 Monthly Report**

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

(Results are presented in  $\mu\text{g}/100 \text{ cm}^2$  )

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000174-0-4N22	22-Nov-04	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000175-0-4N22	22-Nov-04	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000176-0-4N30	30-Nov-04	ND(0.25)	ND(0.25)	<b>0.65</b>	<b>0.65</b>
H2-XI000177-0-4N30	30-Nov-04	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)

Notes:

**PCB Action Level - 10.0  $\mu\text{g}/100 \text{ cm}^2$**

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

**Table 12 - Backfill Material Testing Results  
November 2004 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-OT000165-0-4C22-1	
Sample type	Topsoil	
Date Collected	10/22/2004	
Analyte		Regulatory Limits (1)
<b>APP IX SEMIVOLATILES</b>		
ACETOPHENONE	0.043 J	1000
BENZO(A)ANTHRACENE	0.024 J	0.7
BENZO(A)PYRENE	0.036 J	0.7
BENZO(B)FLUORANTHENE	0.024 J	0.7
BENZO(GHI)PERYLENE	0.023 J	1000
BENZO(K)FLUORANTHENE	0.037 J	7
CHRYSENE	0.031 J	7
FLUORANTHENE	0.043 J	1000
INDENO(1,2,3-C,D)PYRENE	0.018 J	0.7
PHENANTHRENE	0.025 J	100
PYRENE	0.063 J	700
<b>APP IX VOLATILES</b>		
METHYLENE CHLORIDE	.0015 J	0.1
<b>METALS</b>		
ANTIMONY	1.3	10
ARSENIC	4.9	30
BARIUM	35.8	1000
BERYLLIUM	0.37	0.7
CADMIUM	0.88	30
CHROMIUM	9.0	1000
COBALT	8.1	500
COPPER	14.7	1000
LEAD	12.9	300
MERCURY	0.039	20
NICKEL	13.2	300
SELENIUM	0.38	400
TIN	0.60	10
VANADIUM	12.1	400
ZINC	61.7	2500
<b>PCBS</b>		
PCB, TOTAL	ND	0.1*
<b>ORGANIC</b>		
PETROLEUM HYDROCARBON	43.3	200*

Notes:

Only detected constituents are summarized

ND - not detected

(1) - Massachusetts contingency plan S-1 limits

\* - Project specific acceptable levels for backfill

**Table 13 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results**  
**November 2004 Monthly Report**  
**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action**  
**Pittsfield, MA**

(Results are presented in part per million, ppm)

<b>Sample ID</b>	H2-OT000211-0-4N11	H2-OT000212-0-4N11	H2-OT000213-0-4N12	H2-OT000214-0-4N12	H2-OT000214-1-4N12
<b>Sample type</b>	stockpile material characterization (duplicate)				
<b>Date Collected</b>	11/11/2004	11/11/2004	11/12/2004	11/12/2004	11/12/2004
<b>Stockpile Location</b>	Area 64B	Area 64B	Area 64C	Area 64C	Area 64C
<b>Analyte</b>					
<b>PCBS</b>					
AROCOR-1254	0.7	0.6	3.7	2.8	2.4
AROCOR-1260	2.8	1.9	22.0	21.0	9.5
PCB, TOTAL	3.5	2.5	26.0	24.0	12.0
<b>INORGANICS</b>					
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	ABSENT	ABSENT	---
PERCENT SOLIDS (%)	85.9	88.1	87.9	86.0	86.8

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

--- not sampled

<b>Sample ID</b>	H2-OT000215-0-4N12	H2-OT000216-0-4N12	H2-OT000217-0-4N12	H2-OT000218-0-4N29	H2-OT000219-0-4N29
<b>Sample type</b>	stockpile material characterization (1)	stockpile material characterization	stockpile material characterization (duplicate)	stockpile material characterization	stockpile material characterization
<b>Date Collected</b>	11/12/2004	11/12/2004	11/12/2004	11/29/2004	11/29/2004
<b>Stockpile Location</b>	Area 64C	Area 64C	Building 65	Area 64B	Area 64B
<b>Analyte</b>					
<b>PCBS</b>					
AROCLOR-1254	6.3	6.0	1.0	ND	ND
AROCLOR-1260	45.0	39.0	1.9	30.0	24.0
PCB, TOTAL	51.0	45.0	2.9	30.0	24.0
<b>INORGANICS</b>					
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS (%)	83.9	82.6	92.0	85.6	85.4

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

--- not sampled

(1) Area represented by this sample is classified as TSCA material. Material to be transported to GE's Building 71 OPCA

**Table 14 - Cell 20 NAPL-Impacted Material Characterization Analytical Results  
November 2004 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-OT000207-0-4C26	H2-OT000208-0-4C26	H2-OT000209-0-4N01	H2-OT000210-0-4N01
Sample type	stockpile material characterization	stockpile material characterization	stockpile material characterization	stockpile material characterization
Date Collected	10/26/2004	10/26/2004	11/01/2004	11/01/2004
Stockpile Location	Building 68	Building 68	Building 68	Building 68
<b>Analyte</b>				
AROCLOR-1254	0.88	3.30	0.28	1.1 J
AROCLOR-1260	5.50	11.00	0.78	5.30
PCB, TOTAL	6.40	14.00	1.10	6.40
<b>APP IX SEMIVOLATILES</b>				
1,4-DICHLOROBENZENE	ND	0.37 J	---	---
2-METHYLNAPHTHALENE	15.0	33.0	---	---
ACENAPHTHENE	20.0	60.0	---	---
ACENAPHTHYLENE	3.8	3.5 J	---	---
ACETOPHENONE	0.23 J	0.39 J	---	---
ANTHRACENE	16.0	50.0	---	---
BENZO(A)ANTHRACENE	9.4	28.0	---	---
BENZO(A)PYRENE	7.6	23.0	---	---
BENZO(B)FLUORANTHENE	3.5 J	14.0	---	---
BENZO(GHI)PERYLENE	2.9 J	8.5	---	---
BENZO(K)FLUORANTHENE	6.3 J	17.0 J	---	---
CHRYSENE	8.6	25.0 J	---	---
DIBENZO(A,H)ANTHRACENE	0.92 J	2.6 J	---	---
DIBENZOFURAN	2.0 J	5.5 J	---	---
FLUORANTHENE	19.0	57.0	---	---
FLUORENE	13.0	35.0	---	---
INDENO(1,2,3-C,D)PYRENE	2.5 J	7.3	---	---
NAPHTHALENE	1.2 J	21.0 J	---	---
PHENANTHRENE	45.0	140.0	---	---
PYRENE	25.0	70.0	---	---
<b>APP IX VOLATILES</b>				
ACETONE	0.015	ND	---	---
M,P-XYLENE (SUM OF ISOMERS)	0.0039 J	ND	---	---
METHYLENE CHLORIDE	0.0039 J	ND	---	---
NAPHTHALENE	0.39	46.0	---	---
XYLENES (TOTAL)	0.0041 J	ND	---	---
<b>INORGANICS</b>				
CORROSIIVITY BY PH (ph)	8.0	7.9	---	---
IGNITABILITY (deg f)	>150	>150	---	---
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	---	---
PERCENT SOLIDS (%)	86.1	85.5	88.6	91.5
SULFIDE (mg/kg)	9.1	9.4	---	---
CYANIDE (mg/kg)	ND	ND	---	---
<b>TCLP HERBICIDES</b>				
	all Non-Detects	all Non-Detects	all Non-Detects	---
<b>TCLP METALS</b>				
BARIUM, TCLP LEACHATE (mg/l)	0.14	0.313	---	---
CADMIUM, TCLP LEACHATE (mg/l)	0.00055	0.00078	---	---
LEAD, TCLP (mg/l)	0.0043	0.0074	---	---
SELENIUM, TCLP LEACHATE (mg/l)	0.0073	0.01	---	---
<b>TCLP PESTICIDES</b>				
	all Non-Detects	all Non-Detects	all Non-Detects	---
<b>TCLP SEMIVOLATILES</b>				
	all Non-Detects	all Non-Detects	all Non-Detects	---
<b>TCLP VOLATILES</b>				
	all Non-Detects	all Non-Detects	all Non-Detects	---

Notes:

Only detected constituents are summarized

ND - not detected

--- - not sampled



**Photograph 1– Installation of the 54-inch Pipe Extension**



**Photograph 2- Cell 23E Riverbank Excavation Completed**



**Photograph 3– Cell 23E Riverbank and Riverbed Excavation Completed**



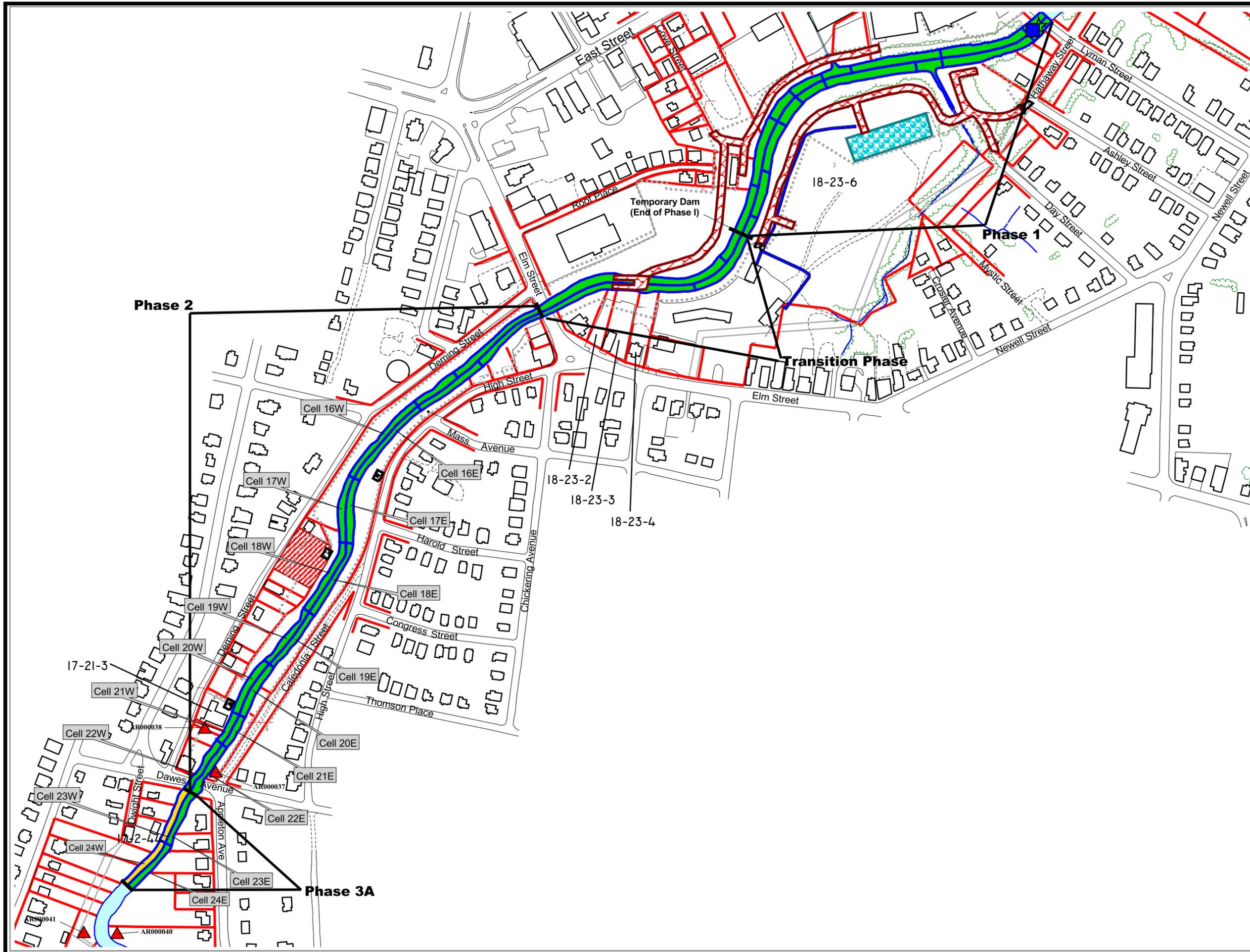
**Photograph 4– Cell 23E Riverbank and Riverbed Backfill Activities**



**Photograph 5– Cell 23W Riverbank and Riverbed Excavation Completed**



**Photograph 6 – Parcel I7-2-44 Garage Demolition Activities**



LEGEND

- Roads
- Surface Water
- Water Treatment Plant\*
- Access Roads
- Asphalt Access Road
- Property Lines
- Loadout Area
- Deming Street Staging/Loadout Area
- Fence line\*
- Work Completed
- Work In Progress
- Work Pending
- Turbidity Monitoring Locations
- Air Sampling Locations
- Water Monitoring Locations
- Buried Electric/Telephone Line\*

\*Note: As-built features were located using a real time GPS unit



Scale in Feet



**Figure 1**  
**1.5 Mile Removal Action**  
**Site Map**  
**November 2004 Monthly Report**