

**United States Environmental Protection Agency  
EPA New England  
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April 17, 2006

To: J. Kilborn, EPA  
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D. Mauro, META Environmental, Inc.  
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Mayor Ruberto, City of Pittsfield  
Commissioner of Public Works and Utilities, City of Pittsfield  
Public Information Repositories

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

Enclosed please find the March 2006 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 March 2006, 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 work included the completion of excavation and backfilling activities in Cell 43. This concluded the completion of the sediment and riverbank remediation activities for the 1.5 Mile Reach Removal Action. Next, the removal of all the Cells 43 and 44 sheetpile was completed. The installation of all the remaining river enhancement structures in Phase 3C was completed. Restoration activities on the riverbanks adjacent to the former location of the temporary river diversion dam were performed. Also, activities associated with site demobilization and demobilization of the water treatment system (WTS) were performed. In addition, transfer of non-TSCA materials from the stockpile management areas to approved off-site facility continued.

## 2. Chronological description of tasks performed

Refer to Figure 1 (2 maps) for an orientation of the excavation cells and their respective locations.

By the end of February 2006, the excavation activities in Cell 43 were underway. Since Cell 43 was a large cell, approximately 375-feet in length, it was assumed that there would be a significant ground water infiltration. Therefore, it was decided that it would be advantageous to divide Cell 43 into two separate cells; upper Cell 43 and lower Cell 43. Cell 43 was divided such that the upper section was approximately 275-feet in length and the lower section of the cell was approximately 100-feet in length. By the end of February excavation of the upper section of Cell 43 was approximately 10% complete.

During the month of March, excavation of the upper Cell 43 was completed. A small section of the floodplain in Cell 43 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 65 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64D south, Area 64D north, Area 64A, Area 64B south and Area 64B north stockpile management areas. (See the attached Table 1 for amount of material excavated during the month of March and Table 2 for the amount of material excavated to date)

The surveyors monitored the excavation activities in the upper Cell 43 to ensure appropriate design excavation depths were achieved.

Once the excavation activities were completed in the upper Cell 43, the final excavation verification survey was performed, backfill grade stakes were installed and backfilling activities were completed.

The riverbed and riverbanks of the upper Cell 43 were backfilled as follows: The riverbed required a layer of common fill to bring the bed up to grade. However, due to the significant ground water infiltration, common fill was replaced with filter material type I. The filter material type I was placed and worked into the riverbed to provide a stable base for the six-inch layer of filter material type III, which was placed next. Then, a ten-inch layer of filter material type I, and a fifteen-inch layer of 9-inch riprap were installed. The riverbanks in the upper Cell 43 were backfilled with common fill to the design grade. Then, a six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap were placed up to elevation 965.0 feet above mean sea level AMSL.

The riverbanks beyond elevation 965.0 feet AMSL were backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and compacted to meet the 95% compaction requirement. Due to the upcoming remediation in the "GE floodplain area" adjacent to Cell 43, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

The surveyors monitored the backfilling activities in the upper Cell 43 to ensure appropriate design backfill grades were achieved. Upon completion of the backfilling activities in the upper Cell 43, final restoration verification survey was completed.

Also, the placement of riverbed enhancement structures in the upper section of Cell 43 was completed.

Once the final restoration verification survey was reviewed and approved, the removal of the upstream sheetpile cutoff wall for the upper Cell 43 was completed and the upper Cell 43 was flooded. Also, the removal and the Cell 43/44 centerline sheetpile wall was initiated.

While excavation and backfill activities progressed in the upper Cell 43, the installation of the sheetpile walls for the lower Cells 43 was completed. The lower Cell 43 downstream cutoff wall extended beyond the confluence of the east and the west branches of the Housatonic River and wrapped around the peninsula of the confluence, therefore inclosing part of the west branch into the lower Cell 43.

Once the lower Cell 43 sheetpile walls were installed, excavation and backfilling activities in the lower Cell 43 were completed. Since Cell 43 is the last cell associated with the 1.5 mile remediation activities on the west side of the river, there will be no riverbed or riverbank excavation beyond Cell 43. This requires that end protection/tie-in buffer be installed as part of the sediment backfill configuration in Cell 43. The end protection will consist of riverbed riprap layer which will be two times thicker than the standard design riverbed layer of fifteen inches. The end protection will be installed in the last six feet of the riverbed in Cell 43. To provide the necessary depth for the end protection, an additional six-inch to twelve-inches of riverbed material will be excavated beyond the required design depth.

First, the dewatering activities in the lower Cell 43 were completed. The water greater than 6-inches in depth was pumped directly back to the river. Once the water depth reached 6-inches, it was pumped to the WTS. Sumps and swales were installed to help in the dewatering process. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in the lower Cell 43 and excavation activities in the lower Cell 43 were completed. The excavated TSCA material was transported to Building 65 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64C north, Area 64C south and Area 64B north stockpile management areas.

The surveyors monitored the excavation activities in the lower Cell 43 to ensure appropriate design excavation depths were achieved.

The total amount of material excavated from the upper and lower Cell 43 in the “GE floodplain area” was 18 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 18 cy of material.

Once the excavation activities were completed in the lower Cell 43, the final excavation verification survey was performed, backfill grade stakes were installed and backfilling activities were completed.

The riverbed and riverbanks of the lower Cell 43 were backfilled as follows: The riverbed in Cell 43 required a layer of common fill to bring the bed up to grade. However, due to the significant ground water infiltration, common fill was replaced with filter material type I. The filter material type I was placed and worked into the riverbed to provide a stable base for the six-inch layer of filter material type III, which was placed next. Then, a ten-inch layer of filter material type I, and a fifteen-inch layer of 9-inch riprap were installed. The riverbed areas of the lower Cell 43 associated with the six-foot wide end protection were backfilled with six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and a thirty-inch layer of 9-inch riprap.

The riverbanks in the lower Cell 43 were backfilled with common fill to the design grade. Then, a six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap were placed up to elevation 965.0 feet above mean sea level AMSL.

Additional riprap was placed along the riverbank of the east and the west branch peninsula to allow for a smooth transition between the unexcavated west branch riverbank and the remediated east branch riverbank.

The riverbanks beyond elevation 965.0 feet AMSL were backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and compacted to meet the 95% compaction requirement. Due to the upcoming remediation in the “GE floodplain area” adjacent to Cell 43, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

The surveyors monitored the backfilling activities in the lower Cell 43 to ensure appropriate design backfill grades were achieved. Upon completion of the backfilling activities in the lower Cell 43, final restoration verification survey was completed.

Once the final restoration verification survey was reviewed and approved, the removal of the upstream and the downstream sheetpile cutoff walls for the lower Cell 43 was completed and the lower Cell 43 was flooded. Also, the removal and the Cell 43/44 centerline sheetpile wall was completed. As the sheetpile walls were removed, the sheetpile sections were moved to the Lyman Street staging areas where the sheetpile will be decontaminated and wipe sampled prior to offsite removal. Also, once the last of the sheets were removed, equipment associated with the sheetpile installation and removal was decontaminated, wipe sampled and demobilized. This included the 150-ton crane, vibratory hammer and the power pack, sheetpile drive platform, crane mats and the sea boxes.

Additional restoration activities were performed in Cell 39. It was noticed during the review of the Cell 39 final restoration survey that the final backfill elevations above the armored riverbank did not meet the design elevations. Therefore topsoil above the armored riverbank was regarded and in some areas additional topsoil was placed to match the design elevation. Also, herbaceous seed and erosion control blankets were placed.

The installation of the remaining river enhancement structures within in Phase 3C areas was completed. This concluded the in-river work activities.

Also, the 100-ton crane which was used during the demolition of the temporary river diversion dam, was moved to the Fred Garner Park. The crane was then assembled and load tests were performed, all the tests passed and the crane was approved for use. The crane may be utilized during the demobilization of the WTS.

Once all the in-river remediation activities that required the treatment of the river water were completed, the demobilization of the WTS was initiated. First, all the piping for the modutanks was disassembled. Next, the sediment from both modutanks was sampled for offsite disposal. The sediment from the second modutank was removed by using a vacuum truck and then the modutank liner was removed. The sediment material and the liner were transferred to Building 65 stockpile management area. Then, the walls of the second modutank were disassembled.

The sand and the carbon filter media was removed from the sand and the carbon filter tanks by using a vacuum truck. The sand and the carbon filter media was transported to Building 65 stockpile management area and placed with the TSCA material designated to go to the OPCA. Once the sand and the carbon were emptied from the tanks, the tanks were decontaminated and wipe sampled.

Disassembly and removal of the WTS force main and the discharge lines were initiated.

In addition the survey contractor completed the installation of the backfill grade stakes on the riverbank above elevation 976.0 AMSL in the location of the former temporary river diversion dam (Parcels I8-24-1 and I8-23-6). The riverbank was then backfilled with a layer of common fill and topsoil.

Other miscellaneous activities performed during the month of March included the adjustments and repairs to all the site security fencing. The installation of new permanent four-foot green vinyl fence along the parking lot on Parcel I8-4-201/202 was completed. Maintenance to the silt fencing throughout the 1.5 mile remediation area continued.

Miscellaneous site clean up activities throughout the 1.5 mile reach were completed. This included the removal of debris from the swale adjacent to Cell 45 and the sewer siphon structure.

Decontamination and demobilization of the excess WTS HDPE piping, sheetpile, miscellaneous construction equipment and supplies, concrete bin blocks and jersey barriers continued.

The concrete pieces removed from the temporary river diversion dam, which were previously sampled and stockpiled within the stockpile management area, were moved to the GE demolition concrete crushing operation at the 40s Complex.

During the month of March, the WTS operations continued. The WTS treated water from Cell 43. Sampling of the WTS for parameters included in the NPDES exclusion permit was performed on March 06, 2006. This was the last sample collected from the WTS. Air monitoring for particulate matter (PM10 sampling), noise monitoring and surface water turbidity monitoring were performed on a daily basis during the month of March. Surface water sampling for total suspended solids (TSS) and PCBs was performed on March 08, 2006 and March 22, 2006. The surface water monitoring program was terminated at the end of March 2006. The monthly PCB air-monitoring event was performed on March 02, 2006. Sixty decontaminated equipment confirmatory wipe samples were collected in March 2006. Eight eight-point composite post excavation off-site disposal characterization samples were collected on March 01, 2006, March 02, 2006, March 03, 2006, and March 16, 2006 from the riverbed and riverbank materials excavated from Cell 43 (stockpiled in Area 64A, Area 64B, Area 64C and Area 64D). One of the sample results representing one of the stockpiles, located in Area 64D south displayed a discrepancy between the actual parent sample result and the QC sample results, therefore the stockpile was segregated further into four separate stockpiles and re-sampled. Four additional samples were collected on March 17, 2006 and March 20, 2006 to further characterize the material. Also, one eight-point composite off-site disposal characterization sample was collected on March 15, 2006 from the WTS modutank sediment material. In addition, eleven bulk concrete characterization samples were collected from the jersey barriers and bin blocks.

The non-TSCA materials from the Area 64B, Area 64C and Area 64A stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from March 01, 2006 to March 31, 2006. (See Table 4 for a summary of material transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of March 2006).

Vibration monitoring activities were performed in Phase 3C on structures located within 200-foot radius of the activities associated with sheetpile removal and on two properties in the Transition Phase during the demolition and restoration activities of the temporary river diversion dam.

Stockpile management area activities continued throughout the month of March. Daily inspections, operation, and maintenance activities were performed within Buildings 63, 65, Area 64 (the outside stockpile area) and Building 68.

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

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

Table 5 contains a summary of the PCB samples collected for the water treatment system sampling program on March 06, 2006. The results of the daily particulate air monitoring program are summarized in Table 6. Results for the daily noise monitoring are provided in Table 7. Table 8 is a summary of daily turbidity monitoring results. Summary of PCB and TSS samples and water column monitoring data collected on February 22, 2006, March 08, 2006 and March 22, 2006 are presented in Table 9. However, the March 22, 2006 PCB and TSS results are not yet available. The PCB air sample results for sampling conducted on March 02, 2006 are provided in Table 10. Table 11 contains results for the decontaminated equipment confirmation wipe samples. Post-excavation off-site disposal characterization sample results for the riverbed and riverbank materials excavated from Cell 43 (stockpiled in Area 64A, Area 64B, Area 64C and Area 64D) are summarized in Table 12. The sample results for the additional samples collected on March 17, 2006 and March 20, 2006, after the Area 64D south stockpile was segregated and re-sampled are provided in Table 12a. Table 13 contains results for the WTS modutank sediment sample collected on March 15, 2006. The results for the eleven bulk concrete characterization samples collected from the jersey barriers and bin blocks are contained in table 14.

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

Figure 1 (2 maps) includes the layout of all excavation cells, water monitoring locations, air sampling locations, vibration monitoring locations, access road locations, excavation load-out locations, staging area locations, fence line location, the new and the old water treatment system pad locations and the floating river barge crossing.

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

During the month of March 2006, Weston received a vibration monitoring summary report for the month of February 2006 from Vibra-Tech, Inc. During this period, vibration monitoring was

performed on the sewer siphon structure located at the Fred Garner Park and the sewer siphon structure located on the east riverbank at the confluence of the east and the west branches of the Housatonic River. In addition vibration monitoring continued during the demolition and restoration activities of the temporary river diversion dam. Three properties were monitored, the Laundromat building located on Parcel I8-23-6 and the buildings located on Parcel I8-4-5 and Parcel I8-4-6. All four units were set up to collect data on the continuous seismic mode. Activities occurring near the monitoring locations during this period included normal background activities, the installation and removal of sheetpile walls, and general construction activities. All of the ground vibrations measured were less than the action level in the project specifications of 1.0 PPV (for structures with concrete foundations) except for two exceedances on the sewer siphon structure located at the Fred Garner Park and one exceedances on the sewer siphon structure located at the confluence. The exceedances were a single one-minute interval and were not indicative of construction activities. They were caused by human interference when a sand bag covering the geophone was moved and it was Vibra-Tech's opinion that no action be taken.

During the month of March 2006, vibration monitoring continued to be performed on the sewer siphon structure located at the Fred Garner Park and the sewer siphon structure located on the east riverbank at the confluence of the east and the west branches of the Housatonic River. In addition vibration monitoring continued during the demolition and restoration activities of the temporary river diversion dam. Three properties were monitored, the Laundromat building located on Parcel I8-23-6 and the buildings located on Parcel I8-4-5 and Parcel I8-4-6. However, the report for March 2006 has not yet been received.

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

See attached photos.

## **7. Brief description of work to be performed in April 2006**

- Continue the demobilization of WTS.
- Continue decontamination and demobilization activities.
- Initiate the removal of the access roads and staging areas.
- Initiate and complete the transfer of TSCA materials from Building 65 to the OPCAs.
- Continue to transfer non-TSCA and TSCA materials from the stockpile management areas to an approved off-site facilities.

- Continue stockpile management activities at Buildings 63, 65, 68 and Area 64.
- Continue the daily air and noise monitoring.
- Continue PCB air sampling (once a month) and backfill material sampling (as needed).
- Continue vibration monitoring activities in Phase 3C.

## 8. ATTACHMENTS TO THIS REPORT

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

Table 2. Quantity of Bank and Sediment Material Excavated -Final

Table 3. Quantity of Material Transferred to OPCAs to Date

Table 4. Quantity of non-TSCA Material Transferred to Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of March

Table 5. NPDES PCB Sampling Results for Water Treatment System

Table 6. Daily Air Monitoring Results

Table 7. Daily Noise 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 Decontamination Confirmation Wipe Sample Results

Table 12. Post-Excavation Soil and Sediment Stockpile Characterization Analytical Results

Table 12a. Additional Post-Excavation Soil and Sediment Stockpile Characterization Analytical Results

Table 13. WTS Modutank Sediment Material Characterization Analytical Results

Table 14. Jersey Barriers and Bin Block Concrete Characterization Analytical Results

Figure 1- 1.5 Mile Removal Action Site Map (2 maps)

Photodocumentation

**Table 1 - Quantity of Bank and Sediment Material Generated During the Month of March  
March 2006 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> |  |  |            |               |
| 03/01/06                      | Cell 43  | 300  | 20         | 0             |
| 03/02/06                      | Cell 43  | 400  | 90         | 0             |
| 03/03/06                      | Cell 43  | 200  | 50         | 0             |
| 03/09/06                      | Cell 43  | 260  | 20         | 0             |
| 03/10/06                      | Cell 43  | 360  | 0          | 0             |
| 03/11/06                      | Cell 43  | 80   | 0          | 0             |
|                               | <b>Monthly total from bank soil and sediment</b> | <b>1,600</b>   | <b>180</b> | <b>0</b>      |

Note:

All quantities are in compacted or "in-place" cubic yards. All loads are estimated at 10cy per truck.

**Table 2 - Quantity of Bank and Sediment Material Excavated - Final  
March 2006 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<br>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       | 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 12/01/04 | Cell 23^      | 1,725   | 189   | 0             | 1,914 |
| 11/04/04 to 12/02/05 | Cell 24^      | 1,610   | 247   | 0             | 1,857 |
| 04/06/05 to 4/13/05  | Cell 25^      | 858   | 369   | 0             | 1,227 |
| 04/12/05 to 04/19/05 | Cell 25A^     | 419   | 127   | 0             | 546   |
| 04/27/05 to 05/04/05 | Cell 26^      | 2,199   | 357   | 0             | 2,556 |
| 05/17/05 to 05/20/06 | Cell 28       | 1,281   | 187   | 0             | 1,468 |
| 06/01/05 to 06/03/05 | Cell 27       | 1,062   | 109   | 0             | 1,171 |
| 06/14/05 to 06/20/05 | Cell 29       | 1,738   | 241   | 0             | 1,979 |
| 07/05/05 to 07/13/05 | Cell 32^      | 1,540   | 541   | 0             | 2,081 |
| 07/25/05 to 07/28/05 | Cell 30^      | 1,558   | 304   | 0             | 1,862 |
| 08/08/05 to 08/12/05 | Cell 31^      | 1,689   | 211   | 0             | 1,900 |
| 08/23/05 to 08/24/05 | Cell 33/34    | 1,289   | 21    | 0             | 1,310 |
| 09/09/05 to 09/13/05 | Cell 35       | 997   | 42    | 0             | 1,039 |
| 09/22/05 to 09/23/05 | Cell 36^      | 1,661   | 123   | 0             | 1,784 |
| 09/29/05 to 10/01/05 | Cell 37^      | 573   | 51    | 0             | 624   |
| 10/07/05 to 10/19/05 | Cell 38^      | 1,153   | 140   | 0             | 1,293 |
| 11/04/05 to 11/10/05 | Cell 38S&38A^ | 673   | 270   | 0             | 943   |
| 11/10/05 to 11/14/05 | Cell 40S^     | 121   | 0     | 0             | 121   |
| 11/16/05 to 11/19/05 | Cell 37S&37A^ | 1,327   | 210   | 0             | 1,537 |
| 12/06/05 to 12/08/05 | Cell 40^      | 1,454   | 117   | 0             | 1,571 |

|                      |              |               |               |              |               |
|----------------------|--------------|---------------|---------------|--------------|---------------|
| 01/11/06 to 01/27/06 | Cell 39      | 2,164         | 57            | 0            | 2,221         |
| 01/24/06 to 01/27/06 | Cell 42      | 491           | 85            | 0            | 576           |
| 01/25/06 to 01/27/06 | Cell 39S     | 27            | 170           | 0            | 197           |
| 02/08/06 to 02/10/06 | Cell 41^     | 1,809         | 286           | 0            | 2,095         |
| 02/15/06 to 02/21/06 | Cell 44^     | 965           | 108           | 0            | 1,073         |
| 02/22/06 to 02/22/06 | Cell 45^     | 166           | 22            | 0            | 188           |
| 02/28/06 to 03/11/06 | Cell 43^     | 2,844         | 141           | 0            | 2,985         |
|                      | <b>Total</b> | <b>71,386</b> | <b>13,344</b> | <b>6,949</b> | <b>91,679</b> |

Note:

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

^ - Excludes material removed from the "GE Floodplain Area".

**Table 3 - Quantity of Material Transferred to OPCAs to Date  
March 2006 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)       |
| 12/02/04 to 12/14/04   | Stockpile Management Area   | 176 (3)                                   | 847 (3)         |
| 04/20/05 to 04/22/05   | Stockpile Management Area *   | 0   | 482 (3)         |
| 05/05/05 to 05/23/05   | Stockpile Management Area **  | 0   | 1,067 (3)       |
| 6/27/05  | Stockpile Management Area   | 0   | 154 (3)         |
| 07/07/05 to 07/29/05   | Stockpile Management Area***  | 0   | 1,807 (3)       |
| 08/01/05 to 08/22/05   | Stockpile Management Area****   | 0   | 1,445 (3)       |
| 10/03/05 to 10/26/06   | Stockpile Management Area*****  | 0   | 1,177(3)        |
| 11/10/05 to 11/14/05   | Stockpile Management Area*****  | 0   | 426(3)          |
| 12/12/05 to 12/21/06   | Stockpile Management Area*****  | 0   | 1,185(3)        |
| <b>Project Totals</b>  |   | <b>28,397</b>                             | <b>20,896</b>   |
| <b>Combined Total of Material Transferred to Hill 78 and Building 71</b> |   | <b>49,293</b>                             |                 |

Notes:

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.

\* - Excludes the 104 truck loads (1,168 cy) of the "GE Floodplain Area".

\*\* - Excludes the 29 (319 cy) truck loads of the "GE Floodplain Area".

\*\*\*- Excludes the 20 (217cy) truck loads of the "GE Floodplain Area".

\*\*\*\*- Excludes the 11 (117cy) truck loads of the "GE Floodplain Area".

\*\*\*\*\*- Excludes the 2 (22cy) truck loads of the "GE Floodplain Area".

\*\*\*\*\*-Excludes the 2 (25cy) truck loads of the "GE Floodplain Area".

\*\*\*\*\*-Excludes the 6 (69cy) truck loads of the "GE Floodplain Area".

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 4 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-  
TREE, Rochester, N.H.  
During the Month of March  
March 2006 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) (*)</b> |
|---------------------|--------------------|---------------------------|------------------------------|
| 03/01/06            | 1286WMNH           | Cell 44 Area 64B north    | 33.07                        |
| 03/01/06            | 1287WMNH           | Cell 44 Area 64B north    | 32.98                        |
| 03/02/06            | 1288WMNH           | Cell 44&45 Area 64C north | 32.39                        |
| 03/02/06            | 1289WMNH           | Cell 44&45 Area 64C north | 31.39                        |
| 03/02/06            | 1290WMNH           | Cell 44&45 Area 64C north | 33.15                        |
| 03/02/06            | 1291WMNH           | Cell 44&45 Area 64C north | 33.60                        |
| 03/02/06            | 1292WMNH           | Cell 44&45 Area 64C north | 32.95                        |
| 03/02/06            | 1293WMNH           | Cell 44&45 Area 64C north | 31.91                        |
| 03/02/06            | 1294WMNH           | Cell 44&45 Area 64C north | 32.77                        |
| 03/02/06            | 1295WMNH           | Cell 44&45 Area 64C north | 32.98                        |
| 03/02/06            | 1296WMNH           | Cell 44&45 Area 64C north | 31.46                        |
| 03/03/06            | 1298WMNH           | Cell 44&45 Area 64C north | 30.95                        |
| 03/03/06            | 1299WMNH           | Cell 44&45 Area 64C north | 32.40                        |
| 03/03/06            | 1300WMNH           | Cell 44&45 Area 64C north | 29.34                        |
| 03/03/06            | 1301WMNH           | Cell 44&45 Area 64C north | 30.76                        |
| 03/03/06            | 1302WMNH           | Cell 44&45 Area 64C north | 30.75                        |
| 03/06/06            | 1303WMNH           | Cell 44&45 Area 64C north | 32.37                        |
| 03/06/06            | 1304WMNH           | Cell 44&45 Area 64C north | 31.86                        |
| 03/06/06            | 1305WMNH           | Cell 44&45 Area 64C north | 33.41                        |
| 03/06/06            | 1306WMNH           | Cell 44&45 Area 64C north | 31.15                        |
| 03/13/06            | 1307WMNH           | Cell 43 Area 64A          | 31.65                        |
| 03/13/06            | 1308WMNH           | Cell 43 Area 64A          | 32.79                        |
| 03/13/06            | 1309WMNH           | Cell 43 Area 64A          | 32.48                        |
| 03/13/06            | 1310WMNH           | Cell 43 Area 64A          | 31.29                        |
| 03/13/06            | 1311WMNH           | Cell 43 Area 64A          | 30.37                        |
| 03/13/06            | 1312WMNH           | Cell 43 Area 64A          | 31.40                        |
| 03/13/06            | 1313WMNH           | Cell 43 Area 64A          | 32.09                        |
| 03/13/06            | 1314WMNH           | Cell 43 Area 64A          | 31.80                        |
| 03/13/06            | 1315WMNH           | Cell 43 Area 64A          | 31.58                        |
| 03/13/06            | 1316WMNH           | Cell 43 Area 64A          | 30.85                        |
| 03/13/06            | 1317WMNH           | Cell 43 Area 64A          | 33.25                        |
| 03/13/06            | 1318WMNH           | Cell 43 Area 64A          | 30.37                        |
| 03/13/06            | 1319WMNH           | Cell 43 Area 64A          | 32.52                        |
| 03/13/06            | 1320WMNH           | Cell 43 Area 64A          | 32.17                        |
| 03/14/06            | 1321WMNH           | Cell 43 Area 64A          | 31.60                        |

| Date Shipped                      | Doc. Number | Stockpile Area         | Net Weight (Tons) (*) |
|-----------------------------------|-------------|------------------------|-----------------------|
| 03/14/06                          | 1322WMNH    | Cell 43 Area 64A       | 31.26                 |
| 03/14/06                          | 1323WMNH    | Cell 43 Area 64A       | 32.36                 |
| 03/14/06                          | 1324WMNH    | Cell 43 Area 64A       | 32.88                 |
| 03/14/06                          | 1325WMNH    | Cell 43 Area 64A       | 32.09                 |
| 03/30/06                          | 1326WMNH    | Cell 43 Area 64A       | 32.58*                |
| 03/30/06                          | 1327WMNH    | Cell 43 Area 64A       | 33.18*                |
| 03/30/06                          | 1328WMNH    | Cell 43 Area 64A       | 30.56*                |
| 03/30/06                          | 1329WMNH    | Cell 43 Area 64A       | 30.99*                |
| 03/30/06                          | 1330WMNH    | Cell 43 Area 64A       | 30.00*                |
| 03/30/06                          | 1331WMNH    | Cell 43 Area 64A       | 32.85*                |
| 03/30/06                          | 1332WMNH    | Cell 43 Area 64A       | 32.03*                |
| 03/30/06                          | 1333WMNH    | Cell 43 Area 64A       | 32.23*                |
| 03/30/06                          | 1334WMNH    | Cell 43 Area 64B south | 31.79*                |
| 03/30/06                          | 1335WMNH    | Cell 43 Area 64B south | 32.19*                |
| 03/30/06                          | 1336WMNH    | Cell 43 Area 64B south | 33.20*                |
| 03/30/06                          | 1337WMNH    | Cell 43 Area 64B south | 33.21*                |
| 03/30/06                          | 1338WMNH    | Cell 43 Area 64B south | 29.16*                |
| 03/31/06                          | 1339WMNH    | Cell 43 Area 64B south | 32.44*                |
| 03/31/06                          | 1340WMNH    | Cell 43 Area 64B south | 31.91*                |
| 03/31/06                          | 1341WMNH    | Cell 43 Area 64B south | 31.49*                |
| 03/31/06                          | 1342WMNH    | Cell 43 Area 64B south | 32.45*                |
| 03/31/06                          | 1343WMNH    | Cell 43 Area 64B north | 30.82*                |
| 03/31/06                          | 1344WMNH    | Cell 43 Area 64B north | 32.50*                |
| 03/31/06                          | 1345WMNH    | Cell 43 Area 64B north | 29.60*                |
| 03/31/06                          | 1346WMNH    | Cell 43 Area 64B north | 30.11*                |
| 03/31/06                          | 1347WMNH    | Cell 43 Area 64B north | 31.06*                |
| 03/31/06                          | 1348WMNH    | Cell 43 Area 64B north | 30.41*                |
| 03/31/06                          | 1349WMNH    | Cell 43 Area 64C south | 30.58*                |
| 03/31/06                          | 1350WMNH    | Cell 43 Area 64C south | 30.92*                |
| <b>Total of Material Disposed</b> |             |                        | <b>2,034.70</b>       |

Notes:

(1)- Net weights established onsite during the load out of material.

\* - Net weights established onsite during the load out of material.

Net weights from the disposal facility not yet available.

**Table 5- NPDES Sampling Results for Water Treatment System  
March 2006 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  |
|---------------------|-----------------|----------------|----------------------------------|--------------|--------------|--------------|-------------|
| H2-WW000001-0-6M06  | Influent        | 06-Mar-06      | ND(1.4)                          | ND(1.4)      | ND(1.4)      | 13.0         | 13.0        |
| H2-WW000002-0-6M06  | Intermediate    | 06-Mar-06      | ND(0.13)                         | ND(0.13)     | 0.24         | 1.5          | 1.70        |
| H2-WW000003-0-6M06  | Effluent        | 06-Mar-06      | ND(0.063)                        | ND(0.063)    | ND(0.063)    | 0.40         | 0.40        |
| <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.

3/06/06 - monthly sampling

J - Indicates an estimated value

**Table 6 - Daily Air Monitoring Results  
March 2006 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> |
|-----------------------|------------------------|--|-----------------------------------|
| 3/1/2006              | Upwind                 | 0.007  | 7                                 |
|                       | Downwind               | 0.015  | 7                                 |
| 3/2/2006              | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/3/2006              | Upwind                 | 0.008  | 7                                 |
|                       | Downwind               | 0.015  | 7                                 |
| 3/4/2006              | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/5/2006              | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/6/2006              | Upwind                 | 0.002  | 7                                 |
|                       | Downwind               | 0.009  | 7                                 |
| 3/7/2006              | Upwind                 | 0.005  | 8                                 |
|                       | Downwind               | 0.013  | 8                                 |
| 3/8/2006              | Upwind                 | 0.000  | 7                                 |
|                       | Downwind               | 0.014  | 7                                 |
| 3/9/2006              | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/10/2006             | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/11/2006             | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/12/2006             | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/13/2006             | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/14/2006             | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/15/2006             | Upwind                 | N/A  | N/A                               |
|                       | Downwind               | N/A  | N/A                               |
| 3/16/2006             | Upwind                 | 0.000  | 6                                 |
|                       | Downwind               | 0.006  | 6                                 |
| 3/17/2006             | Upwind                 | 0.003  | 5                                 |
|                       | Downwind               | 0.012  | 5                                 |
| 3/18/2006             | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/19/2006             | Upwind                 | Weekend  | Weekend                           |
|                       | Downwind               | Weekend  | Weekend                           |
| 3/20/2006             | Upwind                 | 0.006  | 9                                 |
|                       | Downwind               | 0.006  | 9                                 |
| 3/21/2006             | Upwind                 | --   | --                                |
|                       | Downwind               | --   | --                                |
| 3/22/2006             | Upwind                 | --   | --                                |
|                       | Downwind               | --   | --                                |
| 3/23/2006             | Upwind                 | 0.001  | 6                                 |
|                       | Downwind               | 0.013  | 6                                 |
| 3/24/2006             | Upwind                 | --   | --                                |
|                       | Downwind               | 0.010  | 5                                 |

| Date Collected            | Sample Location | Average Site Concentration (mg/m <sup>3</sup> ) | Average Period (Hours:Min) |
|---------------------------|-----------------|---|----------------------------|
| 3/25/2006                 | Upwind          | Weekend   | Weekend                    |
|                           | Downwind        | Weekend   | Weekend                    |
| 3/26/2006                 | Upwind          | Weekend   | Weekend                    |
|                           | Downwind        | Weekend   | Weekend                    |
| 3/27/2006                 | Upwind          | 0.002   | 7                          |
|                           | Downwind        | 0.003   | 7                          |
| 3/28/2006                 | Upwind          | 0.005   | 7                          |
|                           | Downwind        | 0.006   | 7                          |
| 3/29/2006                 | Upwind          | 0.008   | 7                          |
|                           | Downwind        | 0.015   | 7                          |
| 3/30/2006                 | Upstream        | 0.015   | 7                          |
|                           | Downstream      | 0.013   | 7                          |
| 3/31/2006                 | Upwind          | 0.042   | 7                          |
|                           | Downwind        | 0.033   | 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

**Table 7- Daily Noise Monitoring Results  
March 2006 Monthly Report**

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

| Date      | Noise (dBA) |         |         | Average Period<br>(Hours:Min) |
|-----------|-------------|---------|---------|-------------------------------|
|           | High        | Low     | Average |                               |
| 3/1/2006  | 89.1        | 58      | 69.5    | 3.6                           |
| 3/2/2006  | N/A         | N/A     | N/A     | N/A                           |
| 3/3/2006  | --          | --      | --      | --                            |
| 3/4/2006  | Weekend     | Weekend | Weekend | Weekend                       |
| 3/5/2006  | Weekend     | Weekend | Weekend | Weekend                       |
| 3/6/2006  | 86.7        | 31.4    | 56.6    | 7.5                           |
| 3/7/2006  | 105.3       | 37.5    | 57      | 8.9                           |
| 3/8/2006  | 72.7        | 49      | 54.7    | 7.5                           |
| 3/9/2006  | N/A         | N/A     | N/A     | N/A                           |
| 3/10/2006 | N/A         | N/A     | N/A     | N/A                           |
| 3/11/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/12/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/13/2006 | N/A         | N/A     | N/A     | N/A                           |
| 3/14/2006 | N/A         | N/A     | N/A     | N/A                           |
| 3/15/2006 | N/A         | N/A     | N/A     | N/A                           |
| 3/16/2006 | 90.1        | 40.7    | 64.5    | 6.2                           |
| 3/17/2006 | 89.6        | 47      | 64.2    | 5.5                           |
| 3/18/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/19/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/20/2006 | 91.8        | 49.5    | 61      | 5.5                           |
| 3/21/2006 | --          | --      | --      | --                            |
| 3/22/2006 | --          | --      | --      | --                            |
| 3/23/2006 | 77.4        | 47.5    | 61      | 6.6                           |
| 3/24/2006 | 78          | 41.6    | 53.2    | 5.5                           |
| 3/25/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/26/2006 | Weekend     | Weekend | Weekend | Weekend                       |
| 3/27/2006 | 119         | 38.9    | 57.1    | 7.5                           |
| 3/28/2006 | 73.1        | 40      | 55.1    | 7.4                           |
| 3/29/2006 | 69.9        | 39.7    | 50.3    | 7.2                           |
| 3/30/2006 | 67.4        | 40      | 50.5    | 7.7                           |
| 3/31/2006 | 82.3        | 38.5    | 52      | 6.2                           |

Notes:

dBA - Decibel

N/A - Not deployed due to weather

--- - No readings due to technical errors

**Table 8 - Daily Water Column Turbidity Monitoring Results  
March 2006 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) |
|-----------|--------------------------|-----------------------------------|-----------------|-----------|---------|--------------------------|
|           |                          |                                   | Reading 1       | Reading 2 | Average |                          |
| 3/1/2006  | 45                       | Downstream of Lyman Street Bridge | 1.3             | 1.6       | 1.5     | 1.7                      |
|           |                          | Downstream of Holmes Road Bridge  | 1.5             | 1.1       | 1.3     | 1.9                      |
| 3/2/2006  | 42                       | Downstream of Lyman Street Bridge | 2.1             | 2.9       | 2.5     | 1.5                      |
|           |                          | Downstream of Holmes Road Bridge  | 1.1             | 3.2       | 2.2     | 2.0                      |
| 3/3/2006  | 40                       | Downstream of Lyman Street Bridge | 4.2             | 3.6       | 3.9     | 1.5                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.8             | 5.1       | 4.0     | 2.1                      |
| 3/4/2006  | 38                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 1.5                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 1.9                      |
| 3/5/2006  | 38                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 1.7                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 2.7                      |
| 3/6/2006  | 39                       | Downstream of Lyman Street Bridge | 2.4             | 2.5       | 2.5     | 1.8                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.8             | 2.4       | 2.6     | 3.0                      |
| 3/7/2006  | 39                       | Downstream of Lyman Street Bridge | 3.0             | 0.5       | 1.8     | 2.5                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.1             | 2.6       | 2.4     | 3.4                      |
| 3/8/2006  | 38                       | Downstream of Lyman Street Bridge | 2.2             | 2.4       | 2.3     | 3.2                      |
|           |                          | Downstream of Holmes Road Bridge  | 1.8             | 1.6       | 1.7     | 3.7                      |
| 3/9/2006  | 39                       | Downstream of Lyman Street Bridge | 1.3             | 2.5       | 1.9     | 3.5                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.4             | 3.1       | 2.8     | 4.3                      |
| 3/10/2006 | 46                       | Downstream of Lyman Street Bridge | 2.4             | 2.6       | 2.5     | 4.3                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.3             | 2.2       | 2.3     | 4.7                      |
| 3/11/2006 | 63                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 4.9                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 5.5                      |
| 3/12/2006 | 59                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 4.2                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 5.1                      |
| 3/13/2006 | 76                       | Downstream of Lyman Street Bridge | 4.5             | 4.4       | 4.5     | 4.9                      |
|           |                          | Downstream of Holmes Road Bridge  | 4.9             | 4.8       | 4.9     | 5.9                      |
| 3/14/2006 | 176                      | Downstream of Lyman Street Bridge | 3.5             | 2.8       | 3.2     | 5.0                      |
|           |                          | Downstream of Holmes Road Bridge  | 3.8             | 3.8       | 3.8     | 4.1                      |
| 3/15/2006 | 142                      | Downstream of Lyman Street Bridge | 2.6             | 2.9       | 2.8     | 2.8                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.8             | 3.1       | 3.0     | 2.9                      |
| 3/16/2006 | 97                       | Downstream of Lyman Street Bridge | 3.5             | 2.6       | 3.1     | 2.0                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.2             | 2.1       | 2.2     | 3.3                      |
| 3/17/2006 | 81                       | Downstream of Lyman Street Bridge | 3.1             | 3.4       | 3.3     | 2.5                      |
|           |                          | Downstream of Holmes Road Bridge  | 3.6             | 3.5       | 3.6     | 3.2                      |
| 3/18/2006 | 69                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 2.3                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 2.8                      |
| 3/19/2006 | 63                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 1.9                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 2.9                      |
| 3/20/2006 | 59                       | Downstream of Lyman Street Bridge | 2.4             | 3.1       | 2.8     | 2.2                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.5             | 2.9       | 2.7     | 2.8                      |
| 3/21/2006 | 56                       | Downstream of Lyman Street Bridge | 1.5             | 2.1       | 1.8     | 2.4                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.6             | 2.3       | 2.5     | 3.6                      |
| 3/22/2006 | 55                       | Downstream of Lyman Street Bridge | 1.2             | 1.6       | 1.4     | 2.9                      |
|           |                          | Downstream of Holmes Road Bridge  | 1.8             | 1.4       | 1.6     | 4.1                      |
| 3/23/2006 | 53                       | Downstream of Lyman Street Bridge | 2.2             | 2.6       | 2.4     | 4.0                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.4             | 2.1       | 2.3     | 5.8                      |

| Date      | Flow at Coltsville (cfs) | Location                          | Turbidity (ntu) |           |         | Temperature Average (°C) |
|-----------|--------------------------|-----------------------------------|-----------------|-----------|---------|--------------------------|
|           |                          |                                   | Reading 1       | Reading 2 | Average |                          |
| 3/24/2006 | 53                       | Downstream of Lyman Street Bridge | 2.2             | 2.2       | 2.2     | 5.1                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.6             | 1.5       | 2.1     | 6.3                      |
| 3/25/2006 | 53                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 5.6                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 6.9                      |
| 3/26/2006 | 51                       | Downstream of Lyman Street Bridge | weekend         | weekend   | weekend | 5.7                      |
|           |                          | Downstream of Holmes Road Bridge  | weekend         | weekend   | weekend | 6.1                      |
| 3/27/2006 | 50                       | Downstream of Lyman Street Bridge | ##              | ##        | ##      | 6.2                      |
|           |                          | Downstream of Holmes Road Bridge  | ##              | ##        | ##      | 6.3                      |
| 3/28/2006 | 45                       | Downstream of Lyman Street Bridge | ##              | ##        | ##      | 6.9                      |
|           |                          | Downstream of Holmes Road Bridge  | ##              | ##        | ##      | 6.9                      |
| 3/29/2006 | 39                       | Downstream of Lyman Street Bridge | ##              | 2.5       | 2.5     | 7.6                      |
|           |                          | Downstream of Holmes Road Bridge  | ##              | 2.0       | 2.0     | 7.4                      |
| 3/30/2006 | 40                       | Downstream of Lyman Street Bridge | 2.8             | 2.3       | 2.5     | 8.9                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.5             | 2.6       | 2.5     | 8.6                      |
| 3/31/2006 | 41                       | Downstream of Lyman Street Bridge | 2.6             | 2.4       | 2.5     | 9.9                      |
|           |                          | Downstream of Holmes Road Bridge  | 2.0             | 2.7       | 2.4     | 9.6                      |

Notes:

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

cfs - Cubic feet per second

ntu - nephelometric turbidity units

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

## - Not deployed.

**Table 9- Summary of Turbidity, PCB, and TSS Water Column Monitoring Results  
March 2006 Monthly Report**

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

| Location                                    | Date     | Estimated Flow (cfs) | Turbidity (ntu) |        |               | Water Temp. (°C) | Sample ID          | Total PCB Concentration (ug/l) | Filtered PCB Concentration (ug/l) | TSS (mg/l) |
|---|----------|----------------------|-----------------|--------|---------------|------------------|--------------------|--------------------------------|-----------------------------------|------------|
|   |          |                      | Read 1          | Read 2 | Daily Average |                  |                    |                                |                                   |            |
| Upstream of Newell St. Bridge               | 02/22/06 | 93                   | NS              | NS     | NS            | NS               | H0-SW000054-0-6F22 | ND(0.013)                      | ND(0.013)                         | <b>2.5</b> |
| Downstream of Lyman St. Bridge              | 02/22/06 | 93                   | 1.7             | 2.1    | 1.9           | 1.6              | H2-SW000055-0-6F22 | ND(0.013)                      | ND(0.013)                         | <b>2.1</b> |
| Downstream of Holmes Rd. Bridge             | 02/22/06 | 93                   | 2.3             | 2.4    | 2.4           | 2.8              | H3-SW000006-0-6F22 | <b>0.024</b>                   | ND(0.013)                         | <b>3.2</b> |
| Upstream of Newell St. Bridge               | 03/08/06 | 38                   | NS              | NS     | NS            | NS               | H0-SW000054-0-6M08 | NS                             | NS                                | NS         |
| Downstream of Lyman St. Bridge              | 03/08/06 | 38                   | 2.2             | 2.4    | 2.3           | 3.2              | H2-SW000055-0-6M08 | <b>0.017</b>                   | ND(0.013)                         | <b>3.8</b> |
| Downstream of Holmes Rd. Bridge             | 03/08/06 | 38                   | 1.8             | 1.6    | 1.7           | 3.7              | H2-SW000006-0-6M08 | <b>0.024</b>                   | ND(0.013)                         | <b>4.7</b> |
| Downstream of Holmes Rd. Bridge (duplicate) | 03/08/06 | 38                   | 1.8             | 1.6    | 1.7           | 3.7              | H2-SW000006-1-6M08 | NS                             | ND(0.013)                         | NS         |
| Upstream of Newell St. Bridge               | 03/22/06 | 55                   | NS              | NS     | NS            | NS               | H0-SW000054-0-6M22 | ND(0.013)                      | ND(0.013)                         | <b>3.1</b> |
| Downstream of Lyman St. Bridge              | 03/22/06 | 55                   | 1.2             | 1.6    | 1.4           | 2.9              | H2-SW000055-0-6M22 | ND(0.013)                      | ND(0.013)                         | <b>2.7</b> |
| Downstream of Holmes Rd. Bridge             | 03/22/06 | 55                   | 1.8             | 1.4    | 1.6           | 4.1              | H3-SW000006-0-6M22 | ND(0.013)                      | ND(0.013)                         | <b>3.0</b> |

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.

**Table 10 - PCB Air Sampling Results  
March 2006 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,<br>1232 & 1242 | Aroclor 1221 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260    | Total PCBs      |
|--------------------------------|--------------|----------------|------------------------------|--------------|--------------|--------------|-----------------|-----------------|
| H2-AR000007-0-6M02             | AR000007     | 02-Mar-06      | ND(0.000324)                 | ND(0.000422) | ND(0.000551) | ND(0.000422) | ND(0.000324)    | <b>ND</b>       |
| H2-AR000051-0-6M02             | AR000051     | 02-Mar-06      | ND(0.000300)                 | ND(0.000390) | ND(0.000509) | ND(0.000390) | ND(0.000300)    | <b>ND</b>       |
| H2-AR000051-1-6M02 (duplicate) | AR000051     | 02-Mar-06      | ND(0.000305)                 | ND(0.000396) | ND(0.000518) | ND(0.000396) | ND(0.000305)    | <b>ND</b>       |
| H2-AR000054-0-6M02             | AR000054     | 02-Mar-06      | ND(0.000306)                 | ND(0.000398) | ND(0.000521) | ND(0.000398) | ND(0.000306)    | <b>ND</b>       |
| H2-AR000055-0-6M02             | AR000055     | 02-Mar-06      | ND(0.000290)                 | ND(0.000376) | ND(0.000492) | ND(0.000376) | <b>0.000347</b> | <b>0.000347</b> |

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

**Table 11 - Equipment Confirmatory Wipe Samples  
March 2006 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,<br>1232, 1242, & 1248 | Aroclor 1254 | Aroclor 1260 | Total PCBs   |
|--------------------|----------------|---|--------------|--------------|--------------|
| H2-XI000325-0-6M02 | 02-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000326-0-6M02 | 02-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>2.2</b>   | <b>2.2</b>   |
| H2-XI000327-0-6M02 | 02-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000328-0-6M02 | 02-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>1.7</b>   | <b>1.7</b>   |
| H2-XI000329-0-6M06 | 06-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>1.3</b>   | <b>1.3</b>   |
| H2-XI000330-0-6M06 | 06-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.27</b>  | <b>0.27</b>  |
| H2-XI000331-0-6M06 | 06-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000332-0-6M06 | 06-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>1.6</b>   | <b>1.6</b>   |
| H2-XI000333-0-6M07 | 07-Mar-06      | ND(2.5)                                   | ND(2.5)      | <b>15.0</b>  | <b>15.0*</b> |
| H2-XI000334-0-6M07 | 07-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000335-0-6M09 | 09-Mar-06      | ND(0.25)                                  | <b>0.45</b>  | ND(0.25)     | <b>0.45</b>  |
| H2-XI000336-0-6M09 | 09-Mar-06      | ND(1.0)                                   | <b>4.4</b>   | <b>1.6</b>   | <b>6.0</b>   |
| H2-XI000337-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000338-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000339-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000340-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000341-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000342-0-6M15 | 15-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000343-0-6M16 | 16-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.38</b>  | <b>0.38</b>  |
| H2-XI000344-0-6M16 | 16-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000345-0-6M16 | 16-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000346-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000347-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000348-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000349-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.97</b>  | <b>0.97</b>  |
| H2-XI000350-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000351-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000352-0-6M20 | 20-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.29</b>  | <b>0.29</b>  |
| H2-XI000353-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |
| H2-XI000354-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)     |

| Sample ID          | Date Collected | Aroclor 1016, 1221,<br>1232, 1242, & 1248 | Aroclor 1254 | Aroclor 1260 | Total PCBs  |
|--------------------|----------------|---|--------------|--------------|-------------|
| H2-XI000355-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000356-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>1.0</b>   | <b>1.0</b>  |
| H2-XI000357-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000357-1-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000358-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000359-0-6M22 | 22-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000360-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000361-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000362-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000363-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000364-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.51</b>  | <b>0.51</b> |
| H2-XI000365-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000366-0-6M23 | 23-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000367-0-6M24 | 24-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000368-0-6M24 | 24-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000368-1-6M24 | 24-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000369-0-6M28 | 28-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000370-0-6M28 | 28-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000371-0-6M28 | 28-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000372-0-6M28 | 28-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.52</b>  | <b>0.52</b> |
| H2-XI000372-1-6M28 | 28-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.65</b>  | <b>0.65</b> |
| H2-XI000373-0-6M29 | 29-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000374-0-6M29 | 29-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000375-0-6M29 | 29-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000376-0-6M30 | 30-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000377-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000378-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000379-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.98</b>  | <b>0.98</b> |
| H2-XI000380-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000381-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |
| H2-XI000382-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | <b>0.84</b>  | <b>0.84</b> |
| H2-XI000383-0-6M31 | 31-Mar-06      | ND(0.25)                                  | <b>0.28</b>  | <b>0.38</b>  | <b>0.66</b> |
| H2-XI000384-0-6M31 | 31-Mar-06      | ND(0.25)                                  | ND(0.25)     | ND(0.25)     | ND(0.25)    |

Notes:

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

ND(0.25) - Analyte was not detected. The value in parentheses is the associated detection limit.

J - Indicates an estimated value

\* - Sample results exceeded the PCB Action Level, the equipment was re-decontaminated and another sample will be collected.

**Table 12 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results**  
**March 2006 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-OT000333-0-6M01                  | H2-OT000333-0-6M01RE                                | H2-OT000333-0-6M01REP   | H2-OT000334-0-6M02                  | H2-OT000335-0-6M03                      |
|---------------------------|-------------------------------------|---|---|-------------------------------------|---|
| <b>Sample type</b>        | stockpile material characterization | stockpile material characterization (re-extraction) | stockpile material characterization (re-extraction duplicate) | stockpile material characterization | stockpile material characterization (1) |
| <b>Date Collected</b>     | 3/1/2006                            | 3/1/2006  | 3/1/2006  | 3/2/2006                            | 3/3/2006                                |
| <b>Stockpile Location</b> | Area 64D south                      | Area 64D south                                      | Area 64D south  | Area 64A                            | Area 64D north                          |
| <b>Analyte</b>            |                                     |   |   |                                     |   |
| <b>PCBS</b>               |                                     |   |   |                                     |   |
| AROCLOR-1254              | 2.3                                 | ND  | ND  | 1.3                                 | ND                                      |
| AROCLOR-1260              | 17.0                                | 44.0  | 72.0  | 8.5                                 | 71.0                                    |
| PCB, TOTAL                | 19.0                                | 44.0  | 72.0  | 9.8                                 | 71.0                                    |
| <b>INORGANICS</b>         |                                     |   |   |                                     |   |
| PAINT FILTER LIQUIDS (ml) | ABSENT                              | NS  | NS  | ABSENT                              | ABSENT                                  |
| PERCENT SOLIDS (%)        | 85.8%                               | NS  | NS  | 87.2%                               | 83.7%                                   |

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

NS - Not Sampled

Due to variance in the re-extracted duplicate sample results, material represented by Sample ID: OT000333 was segregated into four separate stockpiles and each stockpile was re-sampled. The following samples were collected: OT000349, OT000350, OT000351 and OT000352.

(1) Material represented by this sample is classified as TSCA material. Material to be transported to GE's Building 71 OPCA or to an off-site TSCA regulated landfill.

**Table 12 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results**  
**March 2006 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-OT000344-0-6M16                  | H2-OT000345-0-6M16                  | H2-OT000346-0-6M16                  | H2-OT000347-0-6M16                  | H2-OT000348-0-6M16                  |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Sample type</b>        | stockpile material characterization |
| <b>Date Collected</b>     | 3/16/2006                           | 3/16/2006                           | 3/16/2006                           | 3/16/2006                           | 3/16/2006                           |
| <b>Stockpile Location</b> | Area 64C north                      | Area 64B south                      | Area 64B north                      | Area 64A                            | Area 64C south                      |
| <b>Analyte</b>            |                                     |                                     |                                     |                                     |                                     |
| <b>PCBS</b>               |                                     |                                     |                                     |                                     |                                     |
| AROCLOR-1254              | ND                                  | ND                                  | 4.8                                 | 7.4                                 | 4.2                                 |
| AROCLOR-1260              | 6.6                                 | 7.3                                 | 21.0                                | 29.0                                | 21.0                                |
| PCB, TOTAL                | 6.6                                 | 7.3                                 | 26.0                                | 36.0                                | 25.0                                |
| <b>INORGANICS</b>         |                                     |                                     |                                     |                                     |                                     |
| PAINT FILTER LIQUIDS (ml) | ABSENT                              | ABSENT                              | ABSENT                              | ABSENT                              | ABSENT                              |
| PERCENT SOLIDS (%)        | 87.5%                               | 90.6%                               | 85.8%                               | 81.0%                               | 86.5%                               |

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

**Table 12a - Additional Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results  
March 2006 Monthly Report  
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

| Field Sample ID           | H2-OT000349-0-6M17                                | H2-OT000350-0-6M17   | H2-OT000351-0-6M20                                | H2-OT000352-0-6M20                                |
|---------------------------|---|--|---|---|
| <b>Sample type</b>        | characterization<br>(resample of OT000333)<br>(1) | stockpile material<br>characterization (resample<br>of OT000333) (1) | characterization<br>(resample of OT000333)<br>(1) | characterization<br>(resample of OT000333)<br>(1) |
| <b>Date Collected</b>     | 03/17/2006  | 03/17/2006   | 03/20/2006  | 03/20/2006  |
| <b>Stockpile Location</b> | Area 64E rear                                     | Area 64E center  | Area 64E front                                    | Area 64D south                                    |
| <b>Analyte</b>            |   |  |   |   |
| <b>PCBS</b>               |   |  |   |   |
| AROCLOR-1260              | 7.3   | 7.2  | 16.0  | 9.7   |
| PCB, TOTAL                | 7.3   | 7.2  | 16.0  | 9.7   |
| <b>INORGANICS</b>         |   |  |   |   |
| PAINT FILTER LIQUIDS (ml) | ABSENT  | ABSENT   | ABSENT  | ABSENT  |
| PERCENT SOLIDS (%)        | 85.1%   | 91.6%  | 90.4%   | 94.2%   |

Notes:

(1) Due to the great variances in the sample results between the parent samples, the re-extracted samples and the re-sampled samples, all of the material represented by the original sample ID: OT000333 was classified as TSCA material. EPA directed that this material to be transported to GE's Building 71 OPCA or to an off-site TSCA regulated landfill.

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

**Table 13 - Water Treatment System Modutank Sediment Material  
Characterization Testing Results  
March 2006 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-OT000343-0-6M15                  |
| <b>Sample type</b>             | stockpile material characterization |
| <b>Date Collected</b>          | 3/15/2006                           |
| <b>Stockpile Location</b>      | Area 64C                            |
| <b>Analyte</b>                 |                                     |
| <b>PCBS</b>                    |                                     |
| AROCLOR-1254                   | ND                                  |
| AROCLOR-1260                   | 13.0                                |
| PCB, TOTAL                     | 13.0                                |
| <b>TCLP HERBICIDES</b>         |                                     |
|                                | all Non-Detects                     |
| <b>TCLP METALS</b>             |                                     |
| BARIUM, TCLP LEACHATE (mg/l)   | 0.505                               |
| CADMIUM, TCLP LEACHATE (mg/l)  | 0.0066                              |
| CHROMIUM, TCLP LEACHATE (mg/l) | 0.0078                              |
| LEAD, TCLP (mg/l)              | 0.148                               |
| SELENIUM, TCLP LEACHATE (mg/l) | 0.0112                              |
| <b>TCLP PESTICIDES</b>         |                                     |
|                                | all Non-Detects                     |
| <b>TCLP SEMIVOLATILES</b>      |                                     |
|                                | all Non-Detects                     |
| <b>TCLP VOLATILES</b>          |                                     |
|                                | all Non-Detects                     |
| <b>INORGANICS</b>              |                                     |
| CORROSIVITY BY PH              | 7.3                                 |
| IGNITABILITY (deg f)           | >150                                |
| PAINT FILTER LIQUIDS (ml)      | ABSENT                              |
| PERCENT SOLIDS (%)             | 63.9%                               |
| CYANIDE (mg/kg)                | ND                                  |
| SULFIDE (mg/kg)                | 21.9                                |
| <b>ORGANIC</b>                 |                                     |
| PETROLEUM HYDROCARBON          | 1,530.0                             |

Notes:

Only detected constituents are summarized  
ND - not detected

**Table 14 - Jersey Barrier and Bin Block Concrete Characterization Analytical Results  
March 2006 Monthly Report  
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action  
Pittsfield, MA**

(Results are presented in part per million, ppm)

| Sample ID          | Date Collected | Aroclor 1016, 1221, 1232,<br>1242, & 1248 | Aroclor 1254   | Aroclor 1260   | Total PCBs   | % Solids |
|--------------------|----------------|---|----------------|----------------|--------------|----------|
| H2-OT000336-0-6M07 | 07-Mar-06      | ND(0.017)                                 | ND(0.017)      | ND(0.017)      | ND(0.017)    | 97.1%    |
| H2-OT000337-0-6M07 | 07-Mar-06      | ND(0.017)                                 | ND(0.017)      | ND(0.017)      | ND(0.017)    | 96.2%    |
| H2-OT000338-0-6M08 | 08-Mar-06      | ND(0.017)                                 | <b>0.045</b>   | <b>0.04</b>    | <b>0.085</b> | 95.7%    |
| H2-OT000339-0-6M08 | 08-Mar-06      | ND(0.017)                                 | ND(0.017)      | <b>0.04</b>    | <b>0.04</b>  | 98.2%    |
| H2-OT000340-0-6M08 | 08-Mar-06      | ND(0.017)                                 | ND(0.017)      | <b>0.027</b>   | <b>0.027</b> | 97.7%    |
| H2-OT000341-0-6M08 | 08-Mar-06      | ND(0.017)                                 | <b>0.038 J</b> | <b>0.074</b>   | <b>0.11</b>  | 96.5%    |
| H2-OT000342-0-6M08 | 08-Mar-06      | ND(0.017)                                 | <b>0.042</b>   | <b>0.081</b>   | <b>0.12</b>  | 97.7%    |
| H2-OT000353-0-6M29 | 29-Mar-06      | ND(0.017)                                 | ND(0.017)      | ND(0.017)      | ND(0.017)    | 97.2%    |
| H2-OT000354-0-6M29 | 29-Mar-06      | ND(0.017)                                 | <b>0.027</b>   | <b>0.036 J</b> | <b>0.063</b> | 98.4%    |
| H2-OT000355-0-6M29 | 29-Mar-06      | ND(0.017)                                 | <b>0.058</b>   | <b>0.16</b>    | <b>0.22</b>  | 96.4%    |
| H2-OT000356-0-6M30 | 30-Mar-06      | ND(0.017)                                 | ND(0.017)      | ND(0.017)      | ND(0.017)    | 96.4%    |

Notes:

**PCB Action Level - 1.0ppm**

ND(0.017) - Analyte was not detected. The value in parentheses is the associated detection limit.

J - Indicates an estimated value

ND - not detected



**Photograph 1 – Excavation Activities in Cell 43**



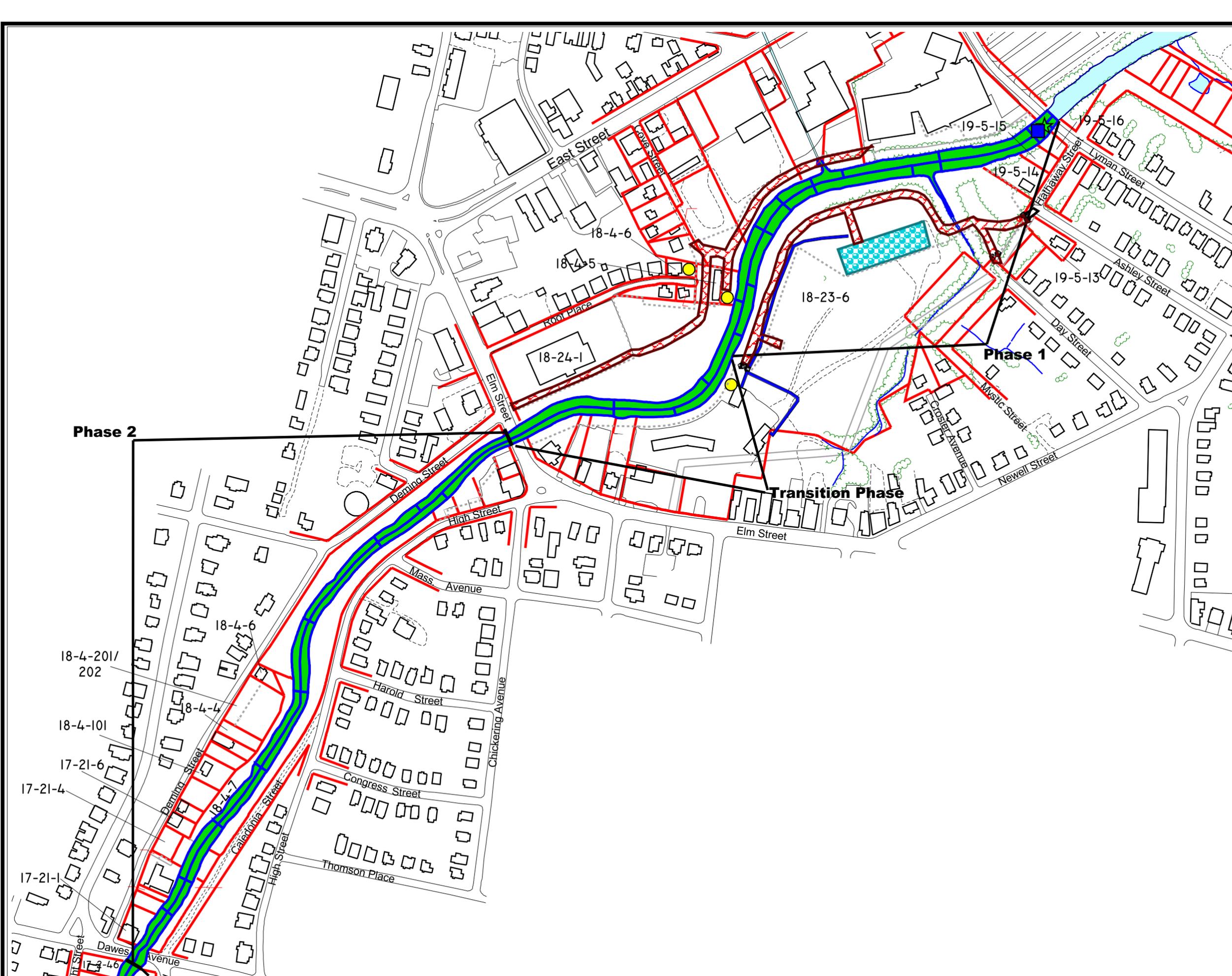
**Photograph 2 – Excavation Activities at the Confluence of the East and the West Branch of the Housatonic River**



**Photograph 3 – Backfilling Activities in Cell 43**



**Photograph 4 – Removal of the Last Sheetpile from the 1.5 Mile Reach**



LEGEND

- Roads
- Surface Water
- Water Treatment Plant\*
- Access Roads
- Asphalt Access Road
- Property Lines
- Loadout Area
- Site Security Fence Line
- Work Completed
- Turbidity Monitoring Locations
- Vibration Monitoring Locations
- Water Monitoring Locations
- Buried Electric/Telephone Line\*

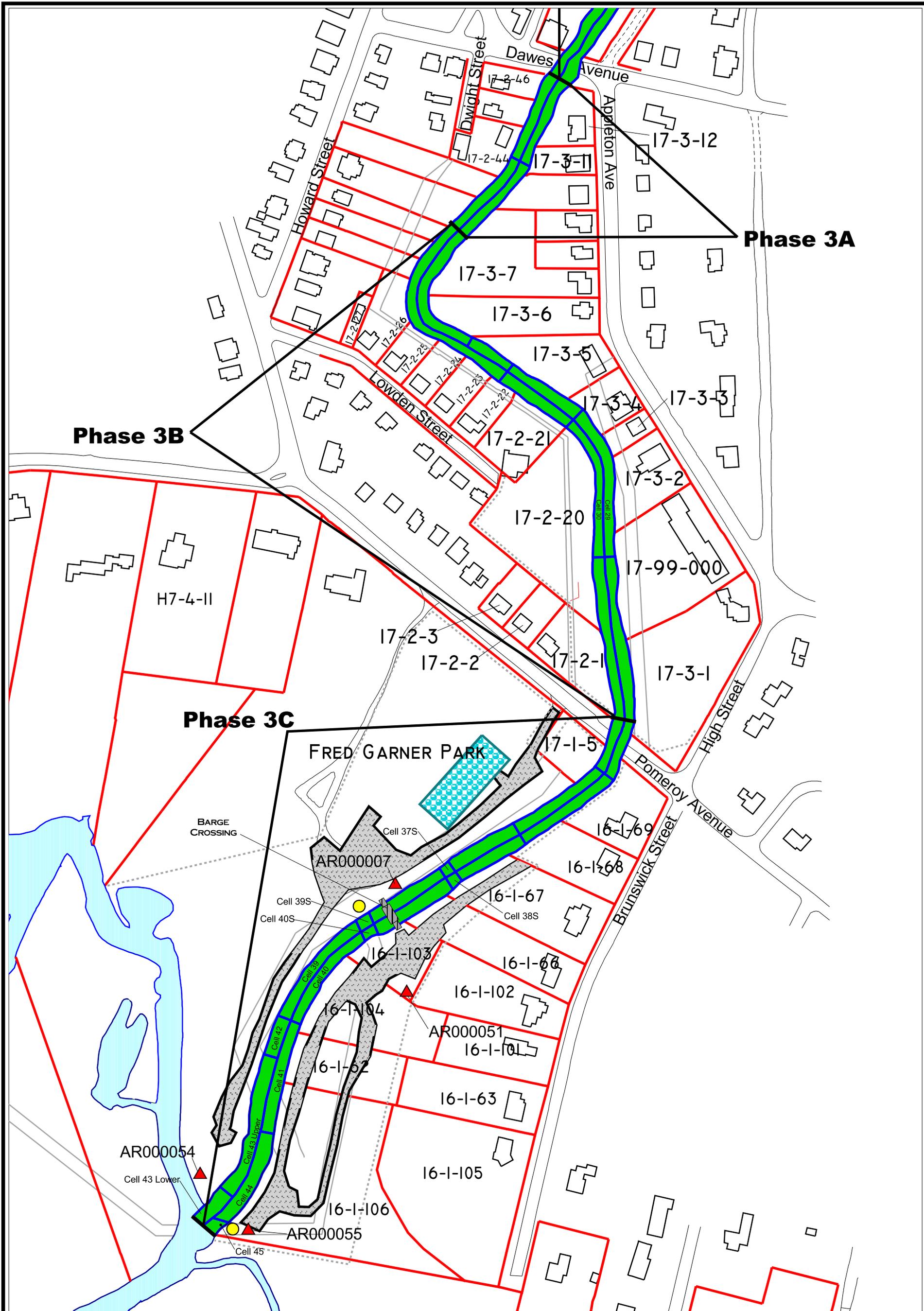
\*Note: As-built features were located using a real time GPS unit



Scale in Feet



**Figure 1**  
**1.5 Mile Removal Action**  
**Site Map (Map 1 of 2)**  
**March 2006 Monthly Report**



**LEGEND**

|                       |                                |
|-----------------------|--------------------------------|
| Surface Water         | Site Security Fence line       |
| Water Treatment Plant | Roads                          |
| Access/Staging Areas  | Vibration Monitoring Locations |
| Property Lines        | Turbidity Monitoring Locations |
| Work Completed        | Water Monitoring Locations     |
|                       | Air Monitoring Locations       |

**WESTON SOLUTIONS**

Scale in Feet

100 0 100 200

N

**Figure 1**  
**1.5 Mile Removal Action**  
**Site Map (Map 2 of 2)**  
**March 2006 Monthly Report**