

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

May 24, 2006

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

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

Enclosed please find the April 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 April 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 activities associated with site demobilization and demobilization of the water treatment system (WTS). The removal of the access roads and the staging areas was initiated. Transfer of TSCA materials from the stockpile management areas to the GE On Plant Consolidation Areas (OPCAs) was performed. In addition, transfer of non-TSCA materials and the WTS modutank materials from the stockpile management areas to approved off-site facilities was performed.

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 March, once all the in-river remediation activities that required the treatment of the river water were completed, the demobilization of the WTS was initiated. The sampling of the modutank sediment material and the removal of the sediment from the second modutank were completed in March. During the month of April, the demobilization of the WTS continued. The removal of the sediment from the first modutank was completed. Portland cement was added to the sediment material to thicken it for transportation purposes, and then the material was removed from the modutank and transported to Area 64C south stockpile management area. The modutank liner was also removed and transported to Area 64C south stockpile management area. Then, the walls of the first modutank were disassembled.

The dismantling of the WTS filter vessel building was completed. The four filter vessels (two carbon and two sand), which were decontaminated and wipe sampled in March were transported offsite. The removal of the WTS HDPE force main, the HDPE discharge lines and the WTS pumps were also completed. The HDPE pipe, the pumps and the filter vessel bag filters were moved to the staging area located on GE property adjacent to Building 68, where the decontamination activities were performed and wipe sampling was completed.

The decontamination of the oil/water separator tanks was completed. Once the tanks were decontaminated they were wipe sampled and arrangements were made for offsite removal of the tanks.

The concrete bin blocks that were on the perimeter of the WTS pad were moved to the Lyman Street Staging Area, where they will be decontaminated and bulk concrete samples will be collected.

Demobilization and decontamination of equipment continued. All of the equipment was first moved to the staging area located on GE property adjacent to Building 68, where the decontamination activities were performed. The equipment was then wipe sampled and once the wipe sample results were received and approved, the equipment was slated for transportation offsite. This included lugger boxes, sea boxes, skip buckets, crane mats, road mats, Jon boat, pontoon barge, grapple, excavator buckets, miscellaneous construction equipment and supplies.

Also, the decontamination of the sheetpile was completed, the sheetpile was wipe sampled and will be shipped offsite at a later date.

In addition, activities associated with re-decontamination of the last seven sections of the 54-inch HDPE river diversion pipe were completed. The pipe was then wipe sampled. The pipe will be transported to the offsite recycling facility at a later date.

As part of the demobilization efforts, the construction trailers were moved from Fred Garner Park to the Lyman Street GE parking lot staging area. Also, the 100-ton crane was demobilized and moved from Fred Garner Park to the GE Parking lot Lyman Street staging area and was demobilized from the site.

Repairs and regarding of the topsoil on the riverbank in Cell 38 was completed. The repaired riverbank was then re-seeded and new biodegradable coconut matting was placed. Also, topsoil was placed on the riverbank on Parcel I8-24-1, the location of the trash racks for the former temporary dam. Once the topsoil was placed, herbaceous seed mix and coconut matting was placed. In addition, repairs were made to a washout on Parcel I7-3-6; 9-inch riprap was placed to repair the riverbank.

Activities associated with preparation for the removal and stockpiling of the access road and staging area materials was completed. First, the Area 64 stockpile management area bays were power washed and prepared to hold the two types of material that will be generated during the removal of the access roads and staging areas. First, the “dense grade/airport mix” will be removed from the roads and the staging areas very carefully so that the geotextile layer underneath the roads will not be disturbed. The second type of material, the “road base material”, will be generated when the remainder of the dense grade and geotextile are removed. This material may also include some native floodplain and riverbank soils that will inevitably be scraped off during the removal process.

Silt fencing was installed along the perimeter of Parcel I8-24-1, which was the first access road/staging area to be removed. The dense grade/airport mix material was removed and transported to Area 64A south and Area 64A north stockpile management area. The road base material was also removed and transported to Area 64C north stockpile management area. The area where the access road was located was re-graded so that appropriate drainage can be achieved. A one to four-inch layer of topsoil will be installed at a later date. Next, the removal of the Phase 1 west access road, starting on Parcel I8-24-5 and working upstream towards Parcel I9-4-201 was initiated. The dense grade material was removed and transported to Area 64B south staging area.

Other miscellaneous activities performed during the month of April included the removal of a large tree from Parcel I6-1-67. The decontamination of the bin blocks and the jersey barriers continued.

The removal of the Phase 3C site security fencing on the east side of the river on Parcels I6-1-103, I6-1-104, I6-1-62, I6-1-106 was completed. Also, the removal of the temporary site security fence on Parcels I7-2-24 and I7-2-25 was completed. Next, the installation of the new, permanent black vinyl fence on Parcels I7-2-24 and I7-2-25 was completed. After the permanent fence was installed on parcels on the two parcels, final restoration activities on Parcels I7-2-23, I7-2-24, I7-2-25 and I7-2-26 was performed. The final restoration consisted of installation of topsoil, seed and mulch was completed.

Miscellaneous adjustments and repairs to the site security fencing on Parcel I9-4-201 were completed. Maintenance to the silt fencing throughout the 1.5 mile remediation area continued.

The transfer of TSCA materials from the Building 65, Area 64D and Area 64E stockpile management area to the Building 71 OPCA was performed from April 24, 2006 to April 26 2006. (See Table 2 for a summary of material transported to the OPCAs during the month of April 2006 and Table 3 for a summary of material transported to the OPCAs for the project through April 2006.) Initiated the clean up of Building 65 in preparation of transferring use of the building to GE for their remediation activities.

The non-TSCA materials from the Area 64C stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from April 03, 2006 to April 05, 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 April 2006).

In addition, the non-TSCA WTS modutank materials from Area 64C stockpile management area were transported to Seneca Meadows Landfill, Waterloo, N.Y. from April 19, 2006 to April 21, 2006 (See Table 5 for a summary of material transported to the Seneca Meadows Landfill, Waterloo, N.Y. during the month of April 2006).

During the month of April 2006 monitoring for particulate matter (PM10 sampling) monitoring was performed on a daily basis. The monthly PCB air-monitoring event was performed on April 06, 2006. This is the last PCB air monitoring round for the 1.5 Mile Reach. Fifty seven decontaminated equipment confirmatory wipe samples were collected in April 2006. In addition, on April 06, 2006 and April 07, 2006 three confirmatory wipe samples were collected on the last seven sections of the 54-inch HDPE pipe. One sample was collected on the topsoil material on April 12, 2006. Three post removal off-site disposal characterization samples were collected on April 24, 2006 and April 26, 2006 from the access road and staging area dense grade material (stockpiled in Area 64A north, Area 64A south and Area 64B south). Also, on April 25, 2006, two eight-point composite post removal off-site disposal characterization samples were collected from the road base and clean up debris material (stockpiled in Area 64B north and Area 64C north). Two additional eight-point composite off-site disposal characterization samples were collected on April 07, 2006 to further characterize the Cell 43 TSCA material stockpiled in Area 64D south and Area 64D north.

Geotechnical sample was collected for the topsoil. The results of the geotechnical testing are not included in the monthly report but are contained in other submittals and are available upon request.

Vibration monitoring activities were performed in Phase 3C on structures located within 200-foot radius of the activities associated demobilization activities and on one property in the Transition Phase during the removal and restoration activities of the access roads.

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

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

3. Sampling/test results received

Table 6 contains the results of the daily particulate air monitoring program. The PCB air sample results for sampling conducted on April 06, 2006 are provided in Table 7. The results for the decontaminated equipment confirmation wipe samples are summarized in Table 8. Table 9 contains the data for the confirmatory wipe samples were collected on the last seven sections of the 54-inch HDPE pipe. The data associated with the April 12, 2006 topsoil sampling is presented in Table 10. The post-excavation off-site disposal characterization sample results for the road base and the clean up debris materials (stockpiled in Area 64B north and Area 64C north) are summarized in Table 11. The sample results for the additional samples collected on TSCA material (stockpiled in Area 64D south and Area 64D north) on April 07, 2006 are provided in Table 12. The results for the three post removal off-site disposal characterization samples were collected on April 24, 2006 and April 26, 2006 from the access road and staging area dense grade material (stockpiled in Area 64A north, Area 64A south and Area 64B south) are not yet available.

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 water treatment system pad locations and the floating river barge crossing.

5. Reports received and prepared

During the month of April 2006, Weston received a vibration monitoring summary report for the month of March 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 I8-24-5 and Parcel I8-24-6. 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, demobilization of equipment, the removal and restoration of access roads and staging areas, 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).

During the month of April 2006, vibration monitoring continued to be performed on the sewer siphon structure located at the Fred Garner Park. In addition, vibration monitoring continued on Parcel I8-24-5 in the Transition Phase, during the removal and restoration activities of access roads and staging areas. However, the report for April 2006 has not yet been received.

On April 26, 2006, Weston issued a technical memorandum to the USACE and EPA titled, *1.5 Mile Removal Action – Cleaning and sampling of Jersey barriers and bin blocks prior to off-site disposal*. This memorandum discussed the status of the jersey barriers and the concrete bin blocks and the proposed cleaning and verification sampling to confirm that cleanup standards have been met. There are a total of 232 jersey barriers (of which 26 have not been used) and 340 bin blocks (of which 38 have not been used). Therefore it is assumed that about 508 of the barriers and the bin blocks will be decontaminated. Each barrier and bin block will be power washed to effectively remove residual soil/sediment with which PCBs could be associated. The jersey barriers and bin blocks to be washed will be segregated into batches of 10 pieces. Once the cleaning process is complete for a particular batch and the barriers and bin blocks are dry, 1 composite concrete sample will be collected from 5 randomly selected pieces from the 10 piece batch of the jersey barriers and bin blocks. Therefore, 5 jersey barriers or bin blocks from each batch of 10 will have one hole drilled in them. The sampling will be completed in accordance to the Region 1, EPA-New England, Standard Operating Procedure for Sampling Concrete in the Field (12/30/97). The sample composite results for each batch will be compared to applicable standards for bulk concrete of 1.0 ppm as determined by EPA for the off-site re-use of this material as non-virgin raw material for road base or other fill material, or reused as concrete barriers. The memorandum is available upon request.

6. Photo documentation of activities performed

See attached photos.

7. Brief description of work to be performed in May 2006

- Complete the demobilization of WTS.
- Continue decontamination and demobilization activities.
- Continue the removal of the access roads and staging areas.
- Complete planting activities of the 75-large trees on Parcel I8-24-1.
- Complete the riverbank planting activities in the temporary dam areas and on the east riverbank on the first 2 properties downstream of Pomeroy Bridge in Phase 3C.
- Complete restoration activities on Parcels I8-10-2 and I8-10-3.
- Install permanent fencing on Parcel I7-2-20.
- Complete the transport of the 54-inch HDPE Pipe to an offsite recycling facility.
- Continue to transfer non-TSCA materials from the stockpile management areas to approved off-site facilities.
- Continue stockpile management activities at Area 64. Complete the clean out and transfer of Building 65 to GE.
- Continue the daily air and noise monitoring.
- Continue vibration monitoring activities.

8. ATTACHMENTS TO THIS REPORT

Table 1. Quantity of Bank and Sediment Material Excavated -Final

Table 2. Quantity of Material Transferred to OPCAs during the Month of April

Table 3. Quantity of Material Transferred to OPCAs - Final

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

Table 5. Quantity of non-TSCA Material Transferred to Seneca Meadows Landfill, Waterloo, N.Y. during the month of April

Table 6. Daily Air Monitoring Results

Table 7. PCB Air Sampling Results

Table 8. Equipment Decontamination Confirmation Wipe Sample Results

Table 9. 54-inch HDPE Pipe Wipe Sample Results

Table 10. Backfill Material Analytical Results

Table 11. Post-Removal Access Road Base and Clean up Debris Stockpile Characterization Analytical Results

Table 12. Post-Excavation Soil/Sediment Stockpile Characterization Analytical Results (TSCA)

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

Photodocumentation

**Table 1 - Quantity of Bank and Sediment Material Excavated - Final
April 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 Bank and Sediment Material Excavated to Date			
		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 04/13/05	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

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
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
Total		71,386	13,344	6,949	91,679

Note:

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

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

**Table 2 - Quantity of Material Transferred to OPCAs During the Month of April
April 2006 Monthly Report**

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

(Results are reported in cubic yards)

		Approximate Quantity Transported to OPCAs	
Date	# of truckloads	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Bank Soil and Sediment			
4/24/06	48	0	528
4/25/06	53	0	583
4/26/06	34.5	0	379.5
Monthly totals	135.5	0	1,491

Note:

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

(1) Estimated at 11 cy per truck

Includes approximate 3 truckloads (34cy) of material generated from "GE Floodplain Area" from Cells 39, 39S, 41, 42, 43, 44 and 45.

**Table 3 - Quantity of Material Transferred to OPCAs - Final
April 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)
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353 (2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1,826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1,188 (3)	748 (3)
09/15/03 to 09/30/03	Stockpile Management Area/Excavation Cells	2,090 (3)	308 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Excavation Cells	1,623 (3)	33 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Cleanup Material	181 (3)	0
11/18/03	Demolition Debris from Parcels I8-10-2 and I8-10-3	200 (4)	0
1/12/04	Stockpile Management Area/Excavation Cells	77 (3)	0
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 12/21/05	Stockpile Management Area*****	0	1,185(3)
04/24/06 to 04/26/06	Stockpile Management Area*****	0	1,457(3)
Project Totals		28,397	22,353
Combined Total of Material Transferred to Hill 78 and Building 71		50,750	

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".

*****-Excludes the 3 (34cy) 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 April
April 2006 Monthly Report**

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

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
04/03/06	1351WMNH	Cell 43 Area 64C south	29.31
04/03/06	1352WMNH	Cell 43 Area 64C south	32.20
04/03/06	1353WMNH	Cell 43 Area 64C south	32.53
04/03/06	1354WMNH	Cell 43 Area 64C south	30.53
04/03/06	1355WMNH	Cell 43 Area 64C south	32.84
04/03/06	1356WMNH	Cell 43 Area 64C south	32.95
04/03/06	1357WMNH	Cell 43 Area 64C south	31.52
04/03/06	1358WMNH	Cell 43 Area 64C south	32.82
04/03/06	1359WMNH	Cell 43 Area 64C north	31.32
04/03/06	1360WMNH	Cell 43 Area 64C north	33.58
04/04/06	1361WMNH	Cell 43 Area 64C north	33.14
04/04/06	1362WMNH	Cell 43 Area 64C north	31.83
04/04/06	1363WMNH	Cell 43 Area 64C north	31.94
04/04/06	1364WMNH	Cell 43 Area 64C north	31.14
04/04/06	1365WMNH	Cell 43 Area 64C north	32.56
04/04/06	1366WMNH	Cell 43 Area 64C north	32.51
04/04/06	1367WMNH	Cell 43 Area 64C north	31.13
04/04/06	1368WMNH	Cell 43 Area 64C north	32.21
04/04/06	1369WMNH	Cell 43 Area 64C north	30.48
04/04/06	1370WMNH	Cell 43 Area 64C north	30.57
04/05/06	1371WMNH	Cell 43 Area 64C north	31.59
04/05/06	1372WMNH	Cell 43 Area 64C north	33.12
04/05/06	1373WMNH	Cell 43 Area 64C north	32.45
04/05/06	1374WMNH	Cell 43 Area 64C north	32.02
04/05/06	1375WMNH	Cell 43 Area 64C north	31.29
Total of Material Disposed			797.58

Notes:

(1) Net weights established at the disposal facility.

**Table 5 - Quantity of Water Treatment System Modutank Material Transported to Seneca Meadows
Landfill, Waterloo, N.Y.
During the Month of April
April 2006 Monthly Report**

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

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
04/19/06	0807SM	WTS modutank Area 64C	30.95
04/19/06	0808SM	WTS modutank Area 64C	27.60
04/19/06	0809SM	WTS modutank Area 64C	29.76
04/19/06	0810SM	WTS modutank Area 64C	30.77
04/19/06	0811SM	WTS modutank Area 64C	30.08
04/19/06	0812SM	WTS modutank Area 64C	32.88
04/19/06	0813SM	WTS modutank Area 64C	30.62
04/19/06	0814SM	WTS modutank Area 64C	32.40
04/20/06	0815SM	WTS modutank Area 64C	30.16
04/20/06	0816SM	WTS modutank Area 64C	29.03
04/20/06	0817SM	WTS modutank Area 64C	31.67
04/20/06	0818SM	WTS modutank Area 64C	31.10
04/20/06	0819SM	WTS modutank Area 64C	32.01
04/20/06	0820SM	WTS modutank Area 64C	32.40
04/20/06	0821SM	WTS modutank Area 64C	32.41
04/21/06	0822SM	WTS modutank Area 64C	32.87
04/21/06	0823SM	WTS modutank Area 64C	30.99
Total of Material Disposed			527.70

Notes:

- (1) - Net weights established onsite during the load out of material.
Net weights from the disposal facility not yet available.

**Table 6 - Daily Air Monitoring Results
April 2006 Monthly Report**

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

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours:Min)
4/1/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/2/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/3/2006	Upwind	##	##
	Downwind	##	##
4/4/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
4/5/2006	Upwind	0.001	10
	Downwind	0.000	7
4/6/2006	Upwind	**	**
	Downwind	**	**
4/7/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
4/8/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/9/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/10/2006	Upwind	**	**
	Downwind	**	**
4/11/2006	Upwind	--	--
	Downwind	--	--
4/12/2006	Upwind	0.012	4
	Downwind	0.017	4
4/13/2006	Upwind	0.022	4
	Downwind	0.010	4
4/14/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
4/15/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/16/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/17/2006	Upwind	0.003	5
	Downwind	0.000	5
4/18/2006	Upwind	0.005	5
	Downwind	0.003	5
4/19/2006	Upwind	0.008	7
	Downwind	0.000	7
4/20/2006	Upwind	0.009	3
	Downwind	0.001	3
4/21/2006	Upwind	--	--
	Downwind	--	--
4/22/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/23/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/24/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A

Date Collected	Sample Location	Average Site Concentration (mg/m ³)	Average Period (Hours:Min)
4/25/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
4/26/2006	Upwind	0.005	13
	Downwind	0.006	17
4/27/2006	Upwind	**	**
	Downwind	**	**
4/28/2006	Upwind	**	**
	Downwind	**	**
4/29/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
4/30/2006	Upstream	weekend	weekend
	Downstream	weekend	weekend
notification level		0.120	
action level		0.150	

Notes:

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

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

- not deployed; Sample Tech Not Available

** - No sampling performed: No intrusive work

**Table 7 - PCB Air Sampling Results
April 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, 1232 & 1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000060-0-6A06	AR000060	06-Apr-06	ND(0.000296)	ND(0.000385)	0.000563	ND(0.000385)	ND(0.000296)	0.000563
H2-AR000060-1-6A06 (duplicate)	AR000060	06-Apr-06	ND(0.000305)	ND(0.000396)	0.000823	ND(0.000396)	ND(0.000305)	0.000823
H2-AR000061-0-6A06	AR000061	06-Apr-06	ND(0.000306)	ND(0.000398)	0.000734	ND(0.000398)	ND(0.000306)	0.000734

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 8 - Equipment Confirmatory Wipe Samples
April 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, 1232 & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000385-0-6A03	03-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000385-1-6A03	03-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000386-0-6A03	03-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000387-0-6A04	04-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000388-0-6A04	04-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000389-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000390-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000391-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000392-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	0.86	3.3	4.2
H2-XI000393-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000394-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000395-0-6A05	05-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000397-0-6A06	06-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000400-0-6A07	07-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000401-0-6A07	07-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	13.0	13.0*
H2-XI000402-0-6A07	07-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000403-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000404-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.38	0.38
H2-XI000405-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000406-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	0.38	0.87	1.3
H2-XI000407-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000408-0-6A10	10-Apr-06	ND(0.25)	ND(0.25)	0.40	0.42	0.82
H2-XI000409-0-6A18	18-Apr-06	ND(1.3)	ND(1.3)	ND(1.3)	8.4	8.4
H2-XI000410-0-6A18	18-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	1.4	1.4
H2-XI000411-0-6A18	18-Apr-06	ND(0.25)	ND(0.25)	0.5	0.87	1.4
H2-XI000412-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000413-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000414-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000415-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	0.58	2.4	3.0

Sample ID	Date Collected	Aroclor 1016, 1221, 1232 & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000416-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000417-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	2.6	2.2	4.8
H2-XI000418-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000419-0-6A21	21-Apr-06	ND(2.5)	14.0	13.0	4.9	32.0*
H2-XI000420-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.47	0.47
H2-XI000421-0-6A21	21-Apr-06	ND(0.25)	0.78 J	0.81	0.67	2.3
H2-XI000422-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.33	0.33
H2-XI000423-0-6A21	21-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000424-0-6A24	24-Apr-06	ND(0.25)	ND(0.25)	0.68	1.0	1.7
H2-XI000425-0-6A24	24-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000426-0-6A24	24-Apr-06	ND(0.25)	ND(0.25)	1.2	1.8	3.0
H2-XI000427-0-6A24	24-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000428-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.59	0.59
H2-XI000429-0-6A27	27-Apr-06	ND(0.25)	0.60J	0.77	2.3	3.7
H2-XI000430-0-6A27	27-Apr-06	ND(0.25)	0.32	0.40	0.54	1.3
H2-XI000431-0-6A27	27-Apr-06	ND(0.25)	1.5	0.51	1.4	3.4
H2-XI000432-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000433-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000434-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000435-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000436-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	1.2	1.2
H2-XI000437-0-6A27	27-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.52	0.52
H2-XI000438-0-6A27	27-Apr-06	ND(0.25)	0.97	1.0	0.78	2.8
H2-XI000439-0-6A28	28-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000440-0-6A28	28-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	1.3	1.3
H2-XI000441-0-6A28	28-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000442-0-6A28	28-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000443-0-6A28	28-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	0.55	0.55

Notes:

PCB Action Level - 10.0 µg/100 cm²

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 was collected.

**Table 9 - 54-inch HDPE Pipe Wipe Samples
April 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, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000396-0-6A06	06-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000398-0-6A07	07-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000399-0-6A07	07-Apr-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)

Notes:

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

**Table 10 - Backfill Material Testing Results
April 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	H2-OT000359-0-6A12	
Sample type	Topsoil	
Date Collected	4/12/2006	
Analyte	Regulatory Limits (1)	
APP IX SEMIVOLATILES		
4-METHYLPHENOL	.075 J	500
ANTHRACENE	.031 J	1000
BENZO(A)ANTHRACENE	.19 J	0.7
BENZO(A)PYRENE	.2 J	0.7
BENZO(B)FLUORANTHENE	.22 J	0.7
BENZO(GHI)PERYLENE	.17 J	1000
BENZO(K)FLUORANTHENE	.17 J	7
BIS(2-ETHYLHEXYL) PHTHALATE	.11 J	100
CHRYSENE	.24 J	7
DIBENZO(A,H)ANTHRACENE	.063 J	0.7
FLUORANTHENE	.45	1000
INDENO(1,2,3-C,D)PYRENE	.14 J	0.7
PHENANTHRENE	.19 J	100
PYRENE	.35 J	700
APP IX VOLATILES		
2-BUTANONE (mg/kg)	.021	0.3
ACETONE	.17	3
ACROLEIN	.01	10
BENZENE	.0018 J	10
NAPHTHALENE	.0031 J	4
TOLUENE	.0056	90
METALS		
ANTIMONY	1.3	10
ARSENIC	5.8	30
BARIUM	52.0	1000
BERYLLIUM	0.46	0.7
CHROMIUM	12.1	1000
COBALT	7.9	500
COPPER	15.5	1000
LEAD	45.5	300
MERCURY	0.073	20
NICKEL	12.7	300
TIN	1.9	10
VANADIUM	14.3	400
ZINC	75.3	2500
PCBS		
PCB, TOTAL	.023	0.1*
ORGANIC		
PETROLEUM HYDROCARBON	91.9	200*

Notes:

Only detected constituents are summarized

ND - not detected

J - Indicates an estimated value

(1) - Massachusetts contingency plan S-1 limits

* - Project specific acceptable levels for backfill

**Table 11 - Post Removal Road Base Material and Clean up Debris Stockpile Characterization
Analytical Results
April 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	H2-OT000362-0-6A25	H2-OT000363-0-6A25
Sample type	stockpile material characterization	stockpile material characterization
Date Collected	4/25/2006	4/25/2006
Stockpile Location	Area 64C north	Area 64B north
Analyte		
PCBS		
AROCLOR-1254	0.67	0.12
AROCLOR-1260	4.3	0.18
PCB, TOTAL	5.0	0.30
INORGANICS		
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT
PERCENT SOLIDS (%)	87.5%	91.8%

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

**Table 12 - Offsite Disposal Material Characterization Testing Results (TSCA material)
April 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	H2-OT000357-0-6A07	H2-OT000358-0-6A07
Sample type	stockpile material characterization	stockpile material characterization
Date Collected	04/07/2006	04/07/2006
Stockpile Location	Area 64D north	Area 64D south
Analyte		
APP IX SEMIVOLATILES		
HEXACHLOROBENZENE	.029 J	ND
PENTACHLOROBENZENE	.24 J	.028 J
1,2,4-TRICHLOROBENZENE	.077 J	.048 J
1,3-DICHLOROBENZENE	.05 J	.051 J
1,4-DICHLOROBENZENE	.23 J	.23 J
2-METHYLNAPHTHALENE	.17 J	.17 J
4-METHYLPHENOL	ND	.03 J
ACENAPHTHENE	.2 J	.21 J
ACENAPHTYLENE	.44	.23 J
ACETOPHENONE	.05 J	.033 J
ANTHRACENE	.79	.94
BENZO(A)ANTHRACENE	2.8	2.4
BENZO(A)PYRENE	3	1.9
BENZO(B)FLUORANTHENE	1.8	1.4
BENZO(GHI)PERYLENE	1.9	.91
BENZO(K)FLUORANTHENE	2.1	1.4
BIS(2-ETHYLHEXYL) PHTHALATE	.081 J	.046 J
CHRYSENE	2.8	2.2
DIBENZO(A,H)ANTHRACENE	.6 J	.37
DIBENZOFURAN	.16 J	.18 J
FLUORANTHENE	4.6	4.1
FLUORENE	.35 J	.32 J
INDENO(1,2,3-C,D)PYRENE	1.7	.94
NAPHTHALENE	.39 J	.43
PHENANTHRENE	2.4	1.9
PHENOL	.066 J	ND
PYRENE	4.4	3.4
APP IX VOLATILES		
1,2,4-TRICHLOROBENZENE	.0033 J	.0017 J
1,3-DICHLOROBENZENE	.0019 J	.0015 J
1,4-DICHLOROBENZENE	.0075	.005
2-BUTANONE	.013	.0073
ACETONE	.1	.022
ACROLEIN	.0069	.0049
ACRYLONITRILE	ND	.0066
BENZENE	.0026 J	ND
CARBON DISULFIDE	.0075	.0033 J
CHLOROBENZENE	.011	.0028 J
CIS-1,2-DICHLOROETHENE	ND	.0011 J
NAPHTHALENE	.0052 J	.0036 J
TOLUENE	.0064	.0013 J

**Table 12 - Offsite Disposal Material Characterization Testing Results (TSCA material)
April 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	H2-OT000357-0-6A07	H2-OT000358-0-6A07
Sample type	stockpile material characterization	stockpile material characterization
Date Collected	04/07/2006	04/07/2006
Stockpile Location	Area 64D north	Area 64D south
Analyte		
METALS		
ANTIMONY	0.69	0.41
ARSENIC	3.2	2.1
BARIUM	35.8	13.9
BERYLLIUM	0.26	0.14
CADMIUM	0.45	0.34
CHROMIUM	16.1	10.0
COBALT	7.8	6.6
COPPER	29.4	19.6
LEAD	36.5	22.0
MERCURY	0.11	0.053
NICKEL	13.2	11.1
SILVER	0.41	ND
TIN	4.9	16.6
VANADIUM	11.9	7.4
ZINC	80.3	69.2
TCLP HERBICIDES		
	all Non-Detects	all Non-Detects
TCLP METALS		
BARIUM, TCLP LEACHATE (mg/l)	.33	.202
CADMIUM, TCLP LEACHATE (mg/l)	.0051	.0043
LEAD, TCLP (mg/l)	.0358	.196
SELENIUM, TCLP LEACHATE (mg/l)	.0086	.0076
TCLP PESTICIDES		
	all Non-Detects	all Non-Detects
TCLP SEMIVOLATILES		
	all Non-Detects	all Non-Detects
TCLP VOLATILES		
	all Non-Detects	all Non-Detects
INORGANICS		
CORROSIVITY BY PH	6.8	7.4
IGNITABILITY (deg f)	< 150	< 150
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT
PERCENT SOLIDS (%)	84.0	94.1
SULFIDE	ND	ND
CYANIDE	ND	ND
ORGANIC		
PETROLEUM HYDROCARBON	537	741

Notes:

Only detected constituents are summarized

ND - not detected

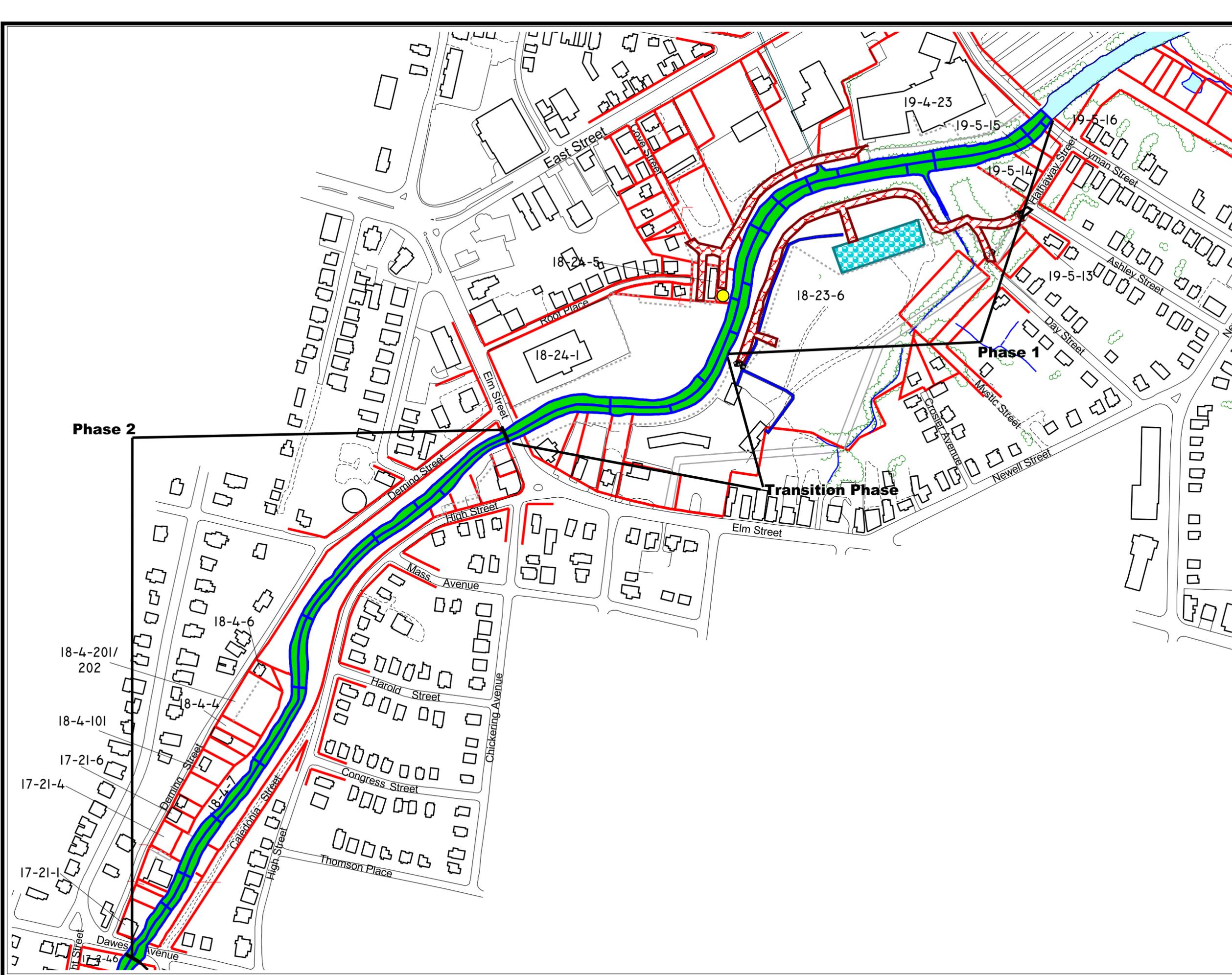
J - Indicates an estimated value



Photograph 1 – Dismantling of the Water Treatment System Modutanks



Photograph 2 – Parcel I8-24-1 Final Restoration Activities



LEGEND

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

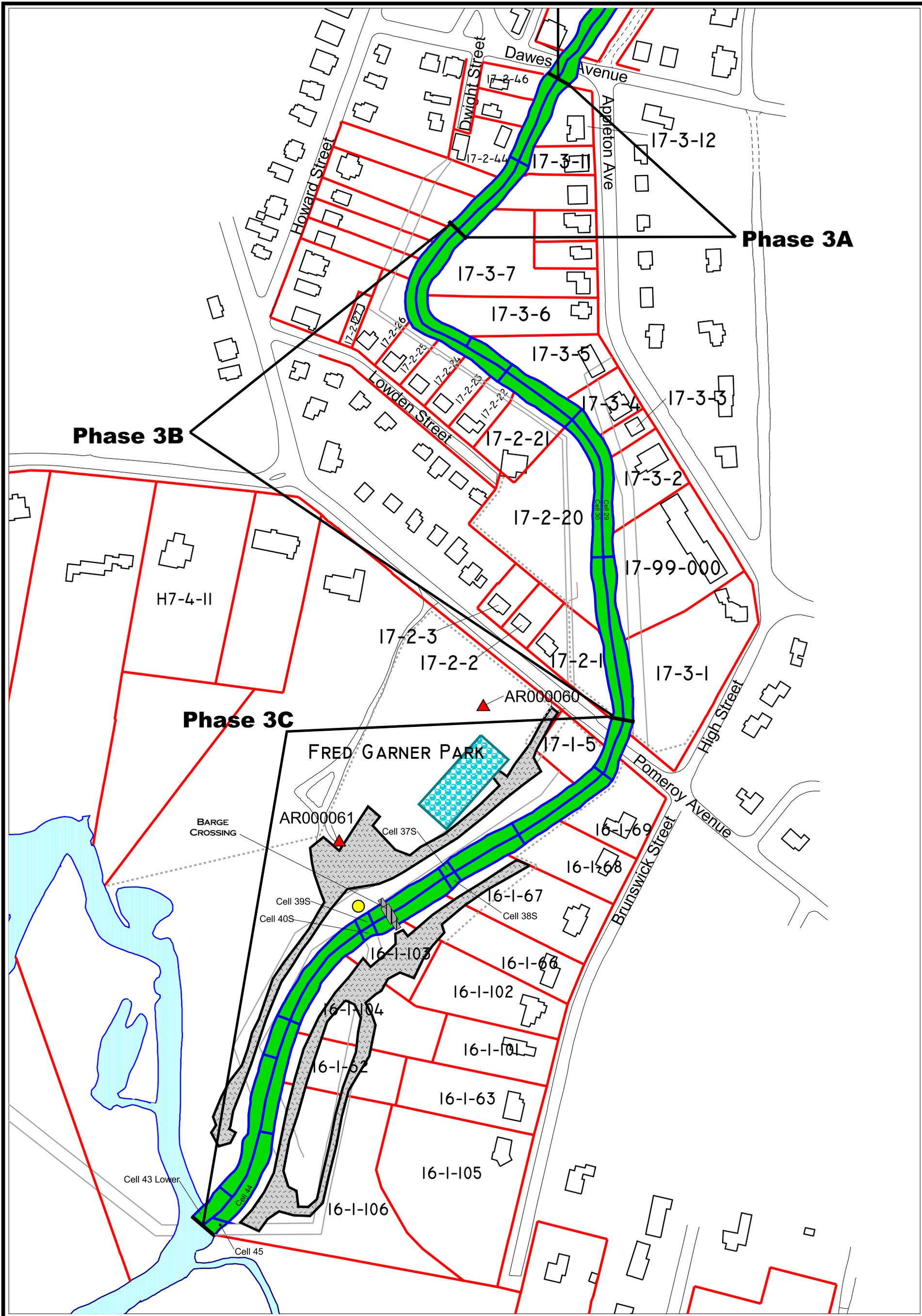
*Note: As-built features were located using a real time GPS unit



Scale in Feet



Figure 1
1.5 Mile Removal Action
April 2006 Monthly Report



LEGEND

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



Scale in Feet



Figure 1
1.5 Mile Removal Action
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