U.S. Army
Corps of Engineers

New England District
Concord, Massachusetts

U.S. Environmental
Protection Agency

New England Region
Boston, Massachusetts

Post-Remediation Sediment Sampling Report
1.5-Mile Reach Removal Action

Contract No. DACW33-00-D-0006
Task Order No. 0005

Environmental Remediation Contract
General Electric (GE)/Housatonic River Project
Pittsfield, Massachusetts

DCN: GE-082207-ADPX

August 2007

This report has been prepared to present analytical results for the sediment samples collected during the Post-Remediation Sediment Sampling Event in the 1.5 Mile Reach of the Housatonic River in Pittsfield, MA. In general, sediment samples were obtained at three locations on every fourth transect from the original sampling plan for the Engineering Evaluation/Cost Analysis (EE/CA) which was conducted in 1998-2000. This consisted of samples at intervals of 200 feet from Transect 66 (Lyman Street) to Transect 210 (confluence of East and West Branches). The purpose of these activities was to obtain information on PCB concentrations and other physical characteristics of the sediment that has been deposited in the 1.5 Mile Reach since the completion of remediation activities.

The sediment sampling activities were coordinated with GE's 5-year post-remediation sampling effort in the Upper ½ Mile Reach.

Field sampling activities were conducted from May 25, 2007 to May 31, 2007. This report includes descriptions of the following:

- Objectives
- Sampling locations
- Field sampling procedures and Laboratory analytical procedures
- Analytical Results

The activities described in this report were conducted in accordance with project-wide and area specific planning documents. These planning documents include the following:

- Work Plan Addendum (Sampling Plan), May 18, 2007
- Project Field Sampling Plan (00-0566)
- Project Quality Assurance Project Plan and Addendum (QAPP) (00-0305)
- Project Health and Safety Plan (HASP) (00-0313)
- Site Specific Health and Safety Plan (00-0475)

Objectives

The primary objective of the Post-Remediation sediment sampling was to assess PCB concentrations and other physical characteristics of deposited sediments since completion of remediation activities in the 1.5 Mile Reach, extending from the Lyman Street Bridge to the confluence of the East and West Branches of the Housatonic River.

Sampling Locations

Sediment sampling was conducted at pre-determined locations as described below.

Sediment samples were collected at 200-foot intervals (every fourth transect) along the entire 1.5 Mile Reach, from the center, right and left sides of the river channel. These sampling locations

were as close as feasible to the original, pre-remediation sample locations as established in the EE/CA. A total of 37 transects were proposed to be sampled, from Transect 66 to Transect 210, generating 111 sampling locations. Due to the lack of depositional sediment present, two transects, 118 and 122, did not have any sediment present and therefore were completely omitted from sampling. Also, there were a few transects where refusal was encountered at one or two locations. This resulted in retrieval of a sample at a total of 97 sampling locations. Table 1 contains an inventory of transects and sample locations. Also, Figure 1 displays the sample locations.

The sample transects were staked out by a licensed survey crew prior to commencement of sampling. The actual sample locations were noted and surveyed at the time of sampling by Weston personnel using a Trimble Pathfinder ProXRS GPS Unit. Sampling personnel checked the GPS location of the actual sampling location in the field to ensure that samples were collected at or within 10 feet of the transects.

Field Sampling and Analytical Procedures

Sampling protocols were followed in accordance with the Work Plan Addendum (Sampling Plan), May 18, 2007 and WESTON Field Sampling Plan (00-0566) for sediment sampling (SS4).

Sediment samples were collected from the 0 to 6 inch surface interval. Sediment samples were representative of fine grained sediment (i.e. sands or silts and not gravel). If 6 inches of sediment were not present overlying the riprap, then 1) a nearby area (within 10 feet) with adequate sediment depth was sampled, or failing the location of such an area, 2) an adequate volume to meet analytical requirements was collected from the area of the original sampling location if possible. If a sufficient volume of sediment was not obtained, no sample was collected and this was documented by Weston personnel. Average sediment depth at each sample location was noted and reported. Table 1 summarizes the details on the sample recovery depths and average sediment depths at the sampling locations.

Each sediment sample was analyzed in accordance with methods approved in the Weston QAPP for total PCBs and Total Organic Carbon (TOC). Grain size was analyzed on all of the samples in every third transect that was sampled. A detailed description of sample analysis inventory can be found in Table 1.

All sediment samples were analyzed at a fixed, off-site laboratory approved by the U.S. Army Corps of Engineers. QA/QC samples were obtained in accordance with the requirements outlined in the project QAPP and Addendum (00-0305). Weston conducted data management and data validation of sample analyses in accordance with the procedures outlined in Section 14 of the project QAPP. All analyses meet the Data Verification, Evaluation and Validation Requirements as outlined in Section 14 of the project QAPP. The samples met Tier II validation, in accordance with Laboratory Data Validation Functional Guidelines for Evaluating Environmental Analyses, as outlined in Table 14-3 of the project QAPP. The off-site laboratory was required to achieve the reporting limit for PCB/Aroclor analysis of 0.02 ppm for each individual Aroclor.

A BBL/GE representative was present and observed the sediment sampling activities conducted by Weston in the 1.5 Mile Reach. Also, the BBL/GE representative collected a split sample of approximately 10% of all samples collected. BBL/GE collected twelve samples and analyzed for PCB/Aroclor analysis.

Analytical Results

Weston collected a total of 97 samples and 5 duplicate samples. These 102 samples were analyzed for Aroclors and total PCBs and TOC. 35 samples were analyzed for Grain Size. The analytical results are summarized in Table 2.

Based on Weston's analytical results, the sediments collected in remediated and restored areas of the 1.5 Mile Reach have total PCB concentrations ranging from non-detect at a detection limit of 0.020 parts per million (ppm) to 1.9 ppm with an average total PCB concentration of 0.17 ppm. For the average PCB calculation, the non-detected sample results were calculated using one-half the detection limit. Also, the duplicate samples were averaged with the parent sample and the resulting average concentration was used for the overall 1.5 mile reach average PCB calculations.

The analytical results from the split samples collected by BBL/GE, paired up with the parent sample collected by Weston, are displayed in Table 3.

<u>ATTACHMENTS:</u>

ATTACHMENT A

Table 1 – 1.5 Mile Post-Remediation Sediment Sampling – Sample Inventory
Table 2 – 1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
Table 3 – 1.5 Mile Post-Remediation Sediment Sampling - Comparison of EPA Samples vs. Split Samples

ATTACHMENT B

Figure 1-1 - 1.5 Mile Post-Remediation Sediment Sampling Locations Lyman Street Bridge to Elm Street Bridge
Figure 1-2 - 1.5 Mile Post-Remediation Sediment Sampling Locations Elm Street Bridge to Dawes Avenue Bridge
Figure 1-3 - 1.5 Mile Post-Remediation Sediment Sampling Locations Dawes Avenue Bridge to the Confluence

ATTACHMENT A

Table 1
1.5 Mile Post-Remediation Sediment Sampling - Sample Inventory
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Transect	Sample Location ID	Sample ID	Location	Probe Depth (ft)	Recovery (ft)	PCB	TOC	Grain Size
66	SE001674	H2-SE001674-0-0000	Left	0.30	0.30	✓	✓	✓
66	SE001675	H2-SE001675-0-0000	Center	0.45	0.45	✓	✓	✓
66	SE001676	H2-SE001676-0-0000	Right	0.20	0.20	✓	✓	✓
70	SE001671	H2-SE001671-0-0000	Left	0.60	0.45	✓	✓	
70	SE001672	H2-SE001672-0-0000	Center	0.50	0.50	✓	✓	
70	SE001673	H2-SE001673-0-0000	Right	0.70	0.15	✓	✓	
74	SE001668	H2-SE001668-0-0000	Left	0.40	0.30	✓	✓	
74	SE001669	H2-SE001669-0-0000	Center	0.85	0.50	✓	✓	
74	SE001669	H2-SE001669-1-0000	Center	0.85	0.50	✓	✓	
74	SE001670	H2-SE001670-0-0000	Right	0.40	0.25	✓	✓	
78	SE001665	H2-SE001665-0-0000	Left	0.50	0.45	✓	✓	✓
78	SE001666	H2-SE001666-0-0000	Center	1.40	0.50	✓	✓	✓
78	SE001667	H2-SE001667-0-0000	Right	0.40	0.25	✓	✓	✓
82	SE001662	H2-SE001662-0-0000	Left	0.65	0.30	✓		
82	SE001663	H2-SE001663-0-0000	Center	0.90	0.50	✓	✓	
82	SE001664	H2-SE001664-0-0000	Right	0.90	0.50	✓	✓	
86	SE001659	H2-SE001659-0-0000	Left	0.30	0.20	✓	✓	
86	SE001660	H2-SE001660-0-0000	Center	0.60	0.40	✓	✓	
86	SE001660	H2-SE001660-1-0000	Center	0.60	0.40	✓	✓	
86	SE001661	H2-SE001661-0-0000	Right	0.30	0.20	✓	✓	
90	Refusal	Refusal	Left	-	-			
90	SE001657	H2-SE001657-0-0000	Center	0.40	0.20	✓	✓	✓
90	SE001658	H2-SE001658-0-0000	Right	0.40	0.20	✓	✓	✓
94	SE001654	H2-SE001654-0-0000	Left	1.80	0.50	✓	✓	
94	SE001655	H2-SE001655-0-0000	Center	1.40	0.50	✓	✓	
94	SE001656	H2-SE001656-0-0000	Right	0.80	0.50	✓	✓	
94	SE001656	H2-SE001656-1-0000	Right	0.80	0.50	✓	✓	
98	SE001651	H2-SE001651-0-0000*	Left	0.80	0.30	✓	✓	
98	SE001652	H2-SE001652-0-0000*	Center	0.30	0.30	✓	✓	
98	SE001653	H2-SE001653-0-0000	Right	0.30	0.30	✓	✓	

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Pittsfield, MA

Transect	Sample Location ID	Sample ID	Location	Probe Depth (ft)	Recovery (ft)	PCB	TOC	Grain Size
102	SE001648	H2-SE001648-0-0000*	Left	0.25	0.15	✓	✓	✓
102	SE001649	H2-SE001649-0-0000*	Center	0.35	0.35	✓	✓	✓
102	SE001650	H2-SE001650-0-0000	Right	0.15	0.15	✓	✓	✓
106	Refusal	Refusal	Left	-	-			
106	SE001646	H2-SE001646-0-0000*	Center	0.25	0.25	✓	✓	
106	SE001647	H2-SE001647-0-0000*	Right	0.90	0.30	✓	✓	
110	Refusal	Refusal	Left	-	-			
110	SE001644	H2-SE001644-0-0000	Center	0.10	<0.10	✓	✓	
110	SE001645	H2-SE001645-0-0000	Right	0.10	<0.10	✓	✓	
114	SE001642	H2-SE001642-0-0000	Left	0.50	0.50	✓	✓	✓
114	Refusal	Refusal	Right	0.50	0.50	✓		
114	SE001643	H2-SE001643-0-0000	Center	0.15	0.10	✓	✓	✓
118	Refusal	Refusal	Left	-	-			
118	Refusal	Refusal	Center	-	-			
118	Refusal	Refusal	Right	-	-			
122	Refusal	Refusal	Left	-	-			
122	Refusal	Refusal	Center	-	-			
122	Refusal	Refusal	Right	-	-			
126	SE001639	H2-SE001639-0-0000	Right	0.45	0.25	✓	✓	✓
126	SE001640	H2-SE001640-0-0000	Center	0.15	0.15	✓	✓	✓
126	SE001641	H2-SE001641-0-0000	Left	0.15	0.15	✓	✓	✓
130	Refusal	Refusal	Left	-	-			
130	Refusal	Refusal	Center	-	-			
130	SE001638	H2-SE001638-0-0000	Right	0.25	0.20	✓	✓	
134	SE001625	H2-SE001625-0-0000	Center	0.30	0.30	✓	✓	
134	SE001626	H2-SE001626-0-0000	Right	0.30	0.30	✓	✓	
134	SE001627	H2-SE001627-0-0000	Left	0.30	0.30	✓	✓	
138	SE001628	H2-SE001628-0-0000	Left	0.50	0.25	✓	✓	✓
138	Refusal	Refusal	Center	-	-			
138	SE001629	H2-SE001629-0-0000	Right	0.50	0.40	✓	✓	✓

Table 1
1.5 Mile Post-Remediation Sediment Sampling - Sample Inventory
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Transect	Sample Location ID	Sample ID	Location	Probe Depth (ft)	Recovery (ft)	PCB	TOC	Grain Size
142	SE001630	H2-SE001630-0-0000	Left	0.30	0.25	✓	✓	
142	SE001631	H2-SE001631-0-0000	Right	0.40	0.35	✓	✓	
142	SE001632	H2-SE001632-0-0000	Center	0.40	0.35	✓	✓	
146	SE001633	H2-SE001633-0-0000	Left	0.35	0.25	✓	✓	
146	SE001634	H2-SE001634-0-0000	Center	0.25	0.20	✓	✓	
146	SE001635	H2-SE001635-0-0000	Right	0.35	0.20	✓	✓	
150	SE001636	H2-SE001636-0-0000	Left	0.50	0.30	✓	✓	✓
150	Refusal	Refusal	Center	-	-			
150	SE001637	H2-SE001637-0-0000	Right	0.40	0.40	✓	✓	✓
154	SE001622	H2-SE001622-0-0000	Left	0.23	0.23	✓	✓	
154	SE001623	H2-SE001623-0-0000	Center	0.25	0.20	✓	✓	
154	SE001624	H2-SE001624-0-0000	Right	0.20	0.20	✓	✓	
158	SE001619	H2-SE001619-0-0000*	Left	0.75	0.50	✓	✓	
158	SE001620	H2-SE001620-0-0000*	Center	0.50	0.40	✓	✓	
158	SE001621	H2-SE001621-0-0000	Right	0.50	0.20	✓	✓	
162	SE001616	H2-SE001616-0-0000	Left	0.50	0.20	✓	✓	✓
162	SE001617	H2-SE001617-0-0000*	Center	2.10	0.50	✓	✓	✓
162	SE001618	H2-SE001618-0-0000	Right	1.45	0.50	✓	✓	✓
166	SE001613	H2-SE001613-0-0000*	Left	0.50	0.25	✓	✓	
166	SE001614	H2-SE001614-0-0000*	Center	0.60	0.50	✓	✓	
166	SE001615	H2-SE001615-0-0000*	Right	0.40	0.30	✓	✓	
170	SE001610	H2-SE001610-0-0000	Left	0.70	0.20	✓	✓	
170	SE001611	H2-SE001611-0-0000	Center	0.65	0.40	✓	✓	
170	SE001612	H2-SE001612-0-0000	Right	1.30	0.50	✓	✓	
174	SE001607	H2-SE001607-1-0000	Left	1.80	0.50	✓	✓	
174	SE001607	H2-SE001607-0-0000	Left	1.80	0.50	✓	✓	✓
174	SE001608	H2-SE001608-0-0000	Center	1.60	0.50	✓	✓	✓
174	SE001609	H2-SE001609-0-0000	Right	0.50	0.50	✓	✓	✓
178	SE001604	H2-SE001604-0-0000	Left	0.70	0.50	✓	✓	
178	SE001605	H2-SE001605-0-0000	Center	0.80	0.35	✓	✓	

Table 1
1.5 Mile Post-Remediation Sediment Sampling - Sample Inventory
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

Transect	Sample Location ID	Sample ID	Location	Probe Depth (ft)	Recovery (ft)	PCB	TOC	Grain Size
178	SE001606	H2-SE001606-0-0000	Right	0.60	0.30	✓	✓	
182	SE001601	H2-SE001601-0-0000	Left	0.95	0.50	✓	✓	
182	SE001602	H2-SE001602-0-0000	Center	0.60	0.20	✓	✓	
182	SE001603	H2-SE001603-0-0000	Right	0.45	0.30	✓	✓	
186	SE001580	H2-SE001580-0-0000	Left	1.10	0.50	✓	✓	✓
186	SE001581	H2-SE001581-0-0000	Center	1.60	0.50	✓	✓	✓
186	SE001582	H2-SE001582-0-0000	Right	0.75	0.50	✓	✓	✓
190	SE001583	H2-SE001583-0-0000	Left	0.80	0.30	✓	✓	
190	SE001584	H2-SE001584-0-0000	Center	1.85	0.50	✓	✓	
190	SE001585	H2-SE001585-0-0000	Right	0.85	0.30	✓	✓	
194	SE001586	H2-SE001586-0-0000	Left	1.70	0.50	✓	✓	
194	SE001587	H2-SE001587-0-0000	Center	1.40	0.50	✓	✓	
194	SE001588	H2-SE001588-0-0000	Right	1.40	0.50	✓	✓	
198	SE001589	H2-SE001589-0-0000	Left	0.90	0.50	✓	✓	✓
198	SE001590	H2-SE001590-0-0000	Center	1.65	0.50	✓	✓	✓
198	SE001591	H2-SE001591-0-0000	Right	0.40	0.30	✓	✓	✓
202	SE001598	H2-SE001598-0-0000	Left	0.20	0.20	✓	✓	
202	SE001599	H2-SE001599-0-0000	Center	0.50	0.30	✓	✓	
202	SE001600	H2-SE001600-0-0000	Right	0.50	0.50	✓	✓	
202	SE001600	H2-SE001600-1-0000	Right	0.50	0.50	✓	✓	
206	SE001595	H2-SE001595-0-0000	Left	0.20	0.20	✓	✓	
206	SE001596	H2-SE001596-0-0000	Center	0.95	0.50	✓	✓	
206	SE001597	H2-SE001597-0-0000	Right	1.10	0.50	✓	✓	
210	SE001592	H2-SE001592-0-0000	Left	0.90	0.30	✓	✓	✓
210	SE001593	H2-SE001593-0-0000	Center	1.00	0.50	✓	✓	✓
210	SE001594	H2-SE001594-0-0000	Right	0.90	0.50	✓	✓	✓

Notes:
Location is the Left, Center, or Right of the Housatonic River facing up-stream
* indicates that a split sample was collected by GE
Refusal - No sediment present on top of restored riprap riverbottom or bedrock.

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T066	T066	T066	T070	T070	T070	T074
Location ID	SE001674	SE001675	SE001676	SE001671	SE001672	SE001673	SE001668
Field Sample ID	H2-SE001674-0-0000	H2-SE001675-0-0000	H2-SE001676-0-0000	H2-SE001671-0-0000	H2-SE001672-0-0000	H2-SE001673-0-0000	H2-SE001668-0-0000
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.3	0.0-0.5	0.0-0.2	0.0-0.5	0.0-0.5	0.0-0.2	0.0-0.3
Analyte							
PCBS							
AROCLOR-1016	ND (0.23)	ND (0.019)	ND (0.041)	ND (0.042)	ND (0.020)	ND (0.020)	ND (0.028)
AROCLOR-1221	ND (0.23)	ND (0.019)	ND (0.041)	ND (0.042)	ND (0.020)	ND (0.020)	ND (0.028)
AROCLOR-1232	ND (0.23)	ND (0.019)	ND (0.041)	ND (0.042)	ND (0.020)	ND (0.020)	ND (0.028)
AROCLOR-1242	ND (0.23)	ND (0.019)	ND (0.041)	ND (0.042)	ND (0.020)	ND (0.020)	ND (0.028)
AROCLOR-1248	ND (0.23)	ND (0.019)	ND (0.041)	ND (0.042)	ND (0.020)	ND (0.020)	ND (0.028)
AROCLOR-1254	**1.200**	**0.050**	**0.051**	**0.067**	**0.063**	**0.058**	**0.160**
AROCLOR-1260	**0.710**	**0.032**	**0.450**	**0.410**	**0.071**	**0.045**	**0.160**
PCB, TOTAL	**1.900**	**0.082**	**0.500**	**0.480**	**0.130**	**0.100**	**0.320**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**5110**	**2090**	**1240**	**1720**	**889**	**1630**	**28200**
GRAIN SIZE %							
CLAY	**1.2**	**0.2**	**0.2**	-	-	-	-
Coarse Sand	**0.1**	**18.6**	**13.7**	-	-	-	-
Fine Sand	**72.0**	**10.0**	**9.3**	-	-	-	-
GRAVEL	**0.1**	**3.4**	**1.0**	-	-	-	-
Medium Sand	**23.3**	**65.7**	**73.8**	-	-	-	-
SILT	**3.3**	**2.1**	**2.1**	-	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**72.9**	**87.6**	**81.7**	**78.6**	**82.3**	**83.6**	**60.4**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T074	T074	T074	T078	T078	T078	T082
Location ID	SE001669	SE001669	SE001670	SE001665	SE001666	SE001667	SE001662
Field Sample ID	H2-SE001669-0-0000	H2-SE001669-1-0000 (Dup)	H2-SE001670-0-0000	H2-SE001665-0-0000	H2-SE001666-0-0000	H2-SE001667-0-0000	H2-SE001662-0-0000
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.5	0.0-0.5	0.0-0.3	0.0-0.5	0.0-0.5	0.0-0.3	0.0-0.3
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.047)	ND (0.021)	ND (0.022)	ND (0.022)
AROCLOR-1221	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.047)	ND (0.021)	ND (0.022)	ND (0.022)
AROCLOR-1232	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.047)	ND (0.021)	ND (0.022)	ND (0.022)
AROCLOR-1242	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.047)	ND (0.021)	ND (0.022)	ND (0.022)
AROCLOR-1248	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.047)	ND (0.021)	ND (0.022)	ND (0.022)
AROCLOR-1254	**0.07 J**	**0.230**	**0.062**	**0.730**	**0.025**	ND (0.022)	**0.050**
AROCLOR-1260	**0.033 J**	**0.110**	**0.072**	**0.560**	**0.046**	**0.037**	**0.072**
PCB, TOTAL	**0.100**	**0.340**	**0.130**	**1.300**	**0.071**	**0.037**	**0.120**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1260**	**1360**	**1880**	**7440**	**3060**	**1730**	**18200**
GRAIN SIZE %							
CLAY	-	-	-	**2.6**	**0.1**	**1.2**	-
Coarse Sand	-	-	-	**1.4**	**10.8**	**3.4**	-
Fine Sand	-	-	-	**65.9**	**5.0**	**14.7**	-
GRAVEL	-	-	-	**16.0**	**1.3**	**0.5**	-
Medium Sand	-	-	-	**5.8**	**79.8**	**79.6**	-
SILT	-	-	-	**8.3**	**3.1**	**0.6**	-
INORGANICS							
PERCENT SOLIDS (%)	**78.7**	**82.7**	**78.8**	**70.6**	**77.9**	**75.2**	**76.3**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T082	T082	T086	T086	T086	T086	T090
Location ID	SE001663	SE001664	SE001659	SE001660	SE001660	SE001661	SE001657
Field Sample ID	H2-SE001663-0-0000	H2-SE001664-0-0000	H2-SE001659-0-0000	H2-SE001660-0-0000	H2-SE001660-1-0000 (Dup)	H2-SE001661-0-0000	H2-SE001657-0-0000
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.5	0.0-0.5	0.0-0.2	0.0-0.4	0.0-0.4	0.0-0.2	0.0-0.0
Analyte							
PCBS							
AROCLOR-1016	ND (0.023)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.020)
AROCLOR-1221	ND (0.023)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.020)
AROCLOR-1232	ND (0.023)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.020)
AROCLOR-1242	ND (0.023)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.020)
AROCLOR-1248	ND (0.023)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.020)
AROCLOR-1254	**0.083**	**0.032**	**0.160**	**.032 J**	**.093 J**	**0.042**	**0.240**
AROCLOR-1260	**0.067**	**0.078**	**0.082**	**0.031**	**0.150**	**0.048**	**0.056**
PCB, TOTAL	**0.150**	**0.110**	**0.240**	**0.063**	**0.240**	**0.090**	**0.300**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**5320**	**1730**	**22100**	**8770**	**33100**	**2660**	**1070**
GRAIN SIZE %							
CLAY	-	-	-	-	-	-	**0.8**
Coarse Sand	-	-	-	-	-	-	**8.5**
Fine Sand	-	-	-	-	-	-	**10.6**
GRAVEL	-	-	-	-	-	-	**2.3**
Medium Sand	-	-	-	-	-	-	**77.3**
SILT	-	-	-	-	-	-	**0.6**
INORGANICS							
PERCENT SOLIDS (%)	**74.5**	**77.1**	**79.0**	**84.7**	**80.1**	**75.6**	**84.3**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T090	T094	T094	T094	T094	T098	T098
Location ID	SE001658	SE001654	SE001655	SE001656	SE001656	SE001651	SE001652
Field Sample ID	H2-SE001658-0-0000	H2-SE001654-0-0000	H2-SE001655-0-0000	H2-SE001656-0-0000	H2-SE001656-1-0000 (Dup)	H2-SE001651-0-0000	H2-SE001652-0-0000
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.2	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.3	0.0-0.3
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.021)	ND (0.021)	ND (0.022)	ND (0.022)	ND (0.030)	ND (0.022)
AROCLOR-1221	ND (0.021)	ND (0.021)	ND (0.021)	ND (0.022)	ND (0.022)	ND (0.030)	ND (0.022)
AROCLOR-1232	ND (0.021)	ND (0.021)	ND (0.021)	ND (0.022)	ND (0.022)	ND (0.030)	ND (0.022)
AROCLOR-1242	ND (0.021)	ND (0.021)	ND (0.021)	ND (0.022)	ND (0.022)	ND (0.030)	ND (0.022)
AROCLOR-1248	ND (0.021)	ND (0.021)	ND (0.021)	ND (0.022)	ND (0.022)	ND (0.030)	ND (0.022)
AROCLOR-1254	**0.054**	**0.083**	**0.048**	**0.029**	**0.035**	**0.170**	**0.085**
AROCLOR-1260	**0.040**	**0.035**	**0.049**	**0.037**	**0.040**	**0.160**	**0.095**
PCB, TOTAL	**0.094**	**0.120**	**0.097**	**0.066**	**0.075**	**0.330**	**0.180**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**27200**	**968**	**2220**	**2470**	**3150**	**12900**	**1390**
GRAIN SIZE %							
CLAY	**0.8**	-	-	-	-	-	-
Coarse Sand	**0.1**	-	-	-	-	-	-
Fine Sand	**63.7**	-	-	-	-	-	-
GRAVEL	**0.0**	-	-	-	-	-	-
Medium Sand	**33.0**	-	-	-	-	-	-
SILT	**2.3**	-	-	-	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**79.0**	**78.2**	**79.6**	**76.0**	**75.1**	**55.7**	**74.4**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T098	T102	T102	T102	T106	T106	T110
Location ID	SE001653	SE001648	SE001649	SE001650	SE001646	SE001647	SE001644
Field Sample ID	H2-SE001653-0-0000	H2-SE001648-0-0000	H2-SE001649-0-0000	H2-SE001650-0-0000	H2-SE001646-0-0000	H2-SE001647-0-0000	H2-SE001644-0-0000
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/30/2007
Depth (ft)	0.0-0.3	0.0-0.2	0.0-0.4	0.0-0.2	0.0-0.3	0.0-0.3	0.0-0.1
Analyte							
PCBS							
AROCLOR-1016	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)
AROCLOR-1221	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)
AROCLOR-1232	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)
AROCLOR-1242	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)
AROCLOR-1248	ND (0.022)	ND (0.022)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)
AROCLOR-1254	**0.300**	**0.052**	**0.094**	**0.031**	**0.055**	**0.036**	ND (0.021)
AROCLOR-1260	**0.100**	**0.058**	**0.110**	**0.033**	**0.110**	**0.037**	ND (0.021)
PCB, TOTAL	**0.400**	**0.110**	**0.200**	**0.064**	**0.170**	**0.073**	ND (0.021)
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**13800**	**5470**	**3510**	**4280**	**1420**	**3000**	**3480**
GRAIN SIZE %							
CLAY	-	**1.9**	**0.8**	**0.7**	-	-	-
Coarse Sand	-	**0.2**	**0.9**	**19.0**	-	-	-
Fine Sand	-	**75.2**	**46.1**	**10.5**	-	-	-
GRAVEL	-	**0.1**	**0.3**	**49.1**	-	-	-
Medium Sand	-	**21.6**	**50.3**	**20.0**	-	-	-
SILT	-	**0.9**	**1.6**	**0.7**	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**77.1**	**75.9**	**74.7**	**82.0**	**80.3**	**74.8**	**80.1**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T110	T114	T114	T126	T126	T126	T130
Location ID	SE001645	SE001642	SE001643	SE001639	SE001640	SE001641	SE001638
Field Sample ID	H2-SE001645-0-0000	H2-SE001642-0-0000	H2-SE001643-0-0000	H2-SE001639-0-0000	H2-SE001640-0-0000	H2-SE001641-0-0000	H2-SE001638-0-0000
Date Collected	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007
Depth (ft)	0.0-0.1	0.0-0.5	0.0-0.1	0.0-0.3	0.0-0.2	0.0-0.2	0.0-0.2
Analyte							
PCBS							
AROCLOR-1016	ND (0.019)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.019)	ND (0.022)	ND (0.065)
AROCLOR-1221	ND (0.019)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.019)	ND (0.022)	ND (0.065)
AROCLOR-1232	ND (0.019)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.019)	ND (0.022)	ND (0.065)
AROCLOR-1242	ND (0.019)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.019)	ND (0.022)	ND (0.065)
AROCLOR-1248	ND (0.019)	ND (0.022)	ND (0.020)	ND (0.021)	ND (0.019)	ND (0.022)	ND (0.065)
AROCLOR-1254	ND (0.019)	**0.080**	**0.029**	**0.058**	**0.022**	**0.062**	**0.500**
AROCLOR-1260	ND (0.019)	**0.083**	**0.028**	**0.060**	**0.031**	**0.110**	**0.120**
PCB, TOTAL	ND (0.019)	**0.160**	**0.057**	**0.120**	**0.053**	**0.170**	**0.620**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**8200**	**28800**	**1100**	**3560**	**1690**	**22100**	**3890**
GRAIN SIZE %							
CLAY	-	**0.7**	**0.2**	**0.3**	**0.1**	**0.8**	-
Coarse Sand	-	**1.1**	**4.5**	**0.4**	**9.9**	**0.2**	-
Fine Sand	-	**61.2**	**20.1**	**77.6**	**1.2**	**83.0**	-
GRAVEL	-	**5.9**	**15.9**	**0.1**	**76.7**	**2.1**	-
Medium Sand	-	**25.5**	**57.6**	**17.3**	**12.0**	**8.9**	-
SILT	-	**5.6**	**1.8**	**4.3**	**0.2**	**5.0**	-
INORGANICS							
PERCENT SOLIDS (%)	**90.3**	**74.9**	**84.8**	**80.9**	**89.6**	**75.9**	**77.1**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T134	T134	T134	T138	T138	T142	T142
Location ID	SE001625	SE001626	SE001627	SE001628	SE001629	SE001630	SE001631
Field Sample ID	H2-SE001625-0-0000	H2-SE001626-0-0000	H2-SE001627-0-0000	H2-SE001628-0-0000	H2-SE001629-0-0000	H2-SE001630-0-0000	H2-SE001631-0-0000
Date Collected	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007
Depth (ft)	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.4	0.0-0.3	0.0-0.4
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.020)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.024)	ND (0.025)
AROCLOR-1221	ND (0.021)	ND (0.020)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.024)	ND (0.025)
AROCLOR-1232	ND (0.021)	ND (0.020)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.024)	ND (0.025)
AROCLOR-1242	ND (0.021)	ND (0.020)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.024)	ND (0.025)
AROCLOR-1248	ND (0.021)	ND (0.020)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.024)	ND (0.025)
AROCLOR-1254	ND (0.021)	**0.036**	**0.030**	**0.036**	ND (0.020)	**0.080**	**0.110**
AROCLOR-1260	**0.072**	**0.030**	**0.040**	**0.047**	ND (0.020)	**0.075**	**0.210**
PCB, TOTAL	**0.072**	**0.066**	**0.070**	**0.083**	ND (0.020)	**0.160**	**0.320**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1590**	**8770**	**3710**	**3720**	**1810**	**4570**	**13100**
GRAIN SIZE %							
CLAY	-	-	-	**0.8**	**0.3**	-	-
Coarse Sand	-	-	-	**0.5**	**1.3**	-	-
Fine Sand	-	-	-	**69.6**	**31.0**	-	-
GRAVEL	-	-	-	**0.3**	**0.0**	-	-
Medium Sand	-	-	-	**26.4**	**65.8**	-	-
SILT	-	-	-	**2.3**	**1.7**	-	-
INORGANICS							
PERCENT SOLIDS (%)	**79.1**	**83.1**	**76.7**	**80.1**	**82.9**	**71.1**	**67.1**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T142	T146	T146	T146	T150	T150	T154
Location ID	SE001632	SE001633	SE001634	SE001635	SE001636	SE001637	SE001622
Field Sample ID	H2-SE001632-0-0000	H2-SE001633-0-0000	H2-SE001634-0-0000	H2-SE001635-0-0000	H2-SE001636-0-0000	H2-SE001637-0-0000	H2-SE001622-0-0000
Date Collected	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/30/2007	5/29/2007
Depth (ft)	0.0-0.4	0.0-0.3	0.0-0.2	0.0-0.2	0.0-0.3	0.0-0.4	0.0-0.2
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.023)	ND (0.021)	ND (0.020)
AROCLOR-1221	ND (0.021)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.023)	ND (0.021)	ND (0.020)
AROCLOR-1232	ND (0.021)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.023)	ND (0.021)	ND (0.020)
AROCLOR-1242	ND (0.021)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.023)	ND (0.021)	ND (0.020)
AROCLOR-1248	ND (0.021)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.023)	ND (0.021)	ND (0.020)
AROCLOR-1254	**0.031**	**0.053**	ND (0.020)	ND (0.020)	**0.051**	ND (0.021)	ND (0.020)
AROCLOR-1260	**0.026**	**0.130**	**0.025**	ND (0.020)	**0.070**	**0.026**	**0.032**
PCB, TOTAL	**0.057**	**0.180**	**0.025**	ND (0.020)	**0.120**	**0.026**	**0.032**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1620**	**4110**	**1660**	**11500**	**4610**	**4020**	**1460**
GRAIN SIZE %							
CLAY	-	-	-	-	**0.9**	**1.3**	-
Coarse Sand	-	-	-	-	**0.5**	**6.3**	-
Fine Sand	-	-	-	-	**77.8**	**42.3**	-
GRAVEL	-	-	-	-	**0.5**	**0.7**	-
Medium Sand	-	-	-	-	**17.6**	**46.7**	-
SILT	-	-	-	-	**2.6**	**2.7**	-
INORGANICS							
PERCENT SOLIDS (%)	**80.4**	**81.7**	**85.5**	**82.8**	**71.7**	**78.8**	**83.9**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T154	T154	T158	T158	T158	T162	T162
Location ID	SE001623	SE001624	SE001619	SE001620	SE001621	SE001616	SE001617
Field Sample ID	H2-SE001623-0-0000	H2-SE001624-0-0000	H2-SE001619-0-0000	H2-SE001620-0-0000	H2-SE001621-0-0000	H2-SE001616-0-0000	H2-SE001617-0-0000
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007
Depth (ft)	0.0-0.5	0.0-0.2	0.0-0.5	0.0-0.4	0.0-0.2	0.0-0.2	0.0-0.5
Analyte							
PCBS							
AROCLOR-1016	ND (0.019)	ND (0.020)	ND (0.023)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
AROCLOR-1221	ND (0.019)	ND (0.020)	ND (0.023)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
AROCLOR-1232	ND (0.019)	ND (0.020)	ND (0.023)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
AROCLOR-1242	ND (0.019)	ND (0.020)	ND (0.023)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
AROCLOR-1248	ND (0.019)	ND (0.020)	ND (0.023)	ND (0.020)	ND (0.020)	ND (0.020)	ND (0.020)
AROCLOR-1254	ND (0.019)	ND (0.020)	**0.036**	ND (0.020)	**0.077**	ND (0.020)	**0.039**
AROCLOR-1260	**0.071**	**0.022**	**0.110**	**0.080**	**0.032**	ND (0.020)	**0.067**
PCB, TOTAL	**0.071**	**0.022**	**0.150**	**0.080**	**0.110**	ND (0.020)	**0.110**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**857**	**841**	**2400**	**2080**	**14500**	**1340**	**1150**
GRAIN SIZE %							
CLAY	-	-	-	-	-	**1.7**	**0.7**
Coarse Sand	-	-	-	-	-	**14.2**	**9.5**
Fine Sand	-	-	-	-	-	**15.1**	**3.9**
GRAVEL	-	-	-	-	-	**6.3**	**1.7**
Medium Sand	-	-	-	-	-	**62.5**	**83.1**
SILT	-	-	-	-	-	**0.2**	**1.1**
INORGANICS							
PERCENT SOLIDS (%)	**87.4**	**85.0**	**72.0**	**84.8**	**81.8**	**82.4**	**84.2**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T162	T166	T166	T166	T170	T170	T170
Location ID	SE001618	SE001613	SE001614	SE001615	SE001610	SE001611	SE001612
Field Sample ID	H2-SE001618-0-0000	H2-SE001613-0-0000	H2-SE001614-0-0000	H2-SE001615-0-0000	H2-SE001610-0-0000	H2-SE001611-0-0000	H2-SE001612-0-0000
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007
Depth (ft)	0.0-0.5	0.0-0.3	0.0-0.5	0.0-0.3	0.0-0.2	0.0-0.4	0.0-0.5
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.019)	ND (0.019)	ND (0.021)	ND (0.021)	ND (0.020)	ND (0.021)
AROCLOR-1221	ND (0.021)	ND (0.019)	ND (0.019)	ND (0.021)	ND (0.021)	ND (0.020)	ND (0.021)
AROCLOR-1232	ND (0.021)	ND (0.019)	ND (0.019)	ND (0.021)	ND (0.021)	ND (0.020)	ND (0.021)
AROCLOR-1242	ND (0.021)	ND (0.019)	ND (0.019)	ND (0.021)	ND (0.021)	ND (0.020)	ND (0.021)
AROCLOR-1248	ND (0.021)	ND (0.019)	ND (0.019)	ND (0.021)	ND (0.021)	ND (0.020)	ND (0.021)
AROCLOR-1254	**0.048**	**.04 J**	**0.028**	ND (0.021)	**0.030**	ND (0.020)	**0.077**
AROCLOR-1260	**0.120**	**0.046**	**0.042**	**0.042**	**0.078**	ND (0.020)	**0.071**
PCB, TOTAL	**0.170**	**0.086**	**0.070**	**0.042**	**0.110**	ND (0.020)	**0.150**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1520**	**2290**	**1500**	**1570**	**1650**	**950**	**1440**
GRAIN SIZE %							
CLAY	**1.3**	-	-	-	-	-	-
Coarse Sand	**5.0**	-	-	-	-	-	-
Fine Sand	**19.9**	-	-	-	-	-	-
GRAVEL	**3.6**	-	-	-	-	-	-
Medium Sand	**70.0**	-	-	-	-	-	-
SILT	**0.2**	-	-	-	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**81.4**	**88.3**	**85.6**	**80.9**	**81.0**	**84.7**	**79.2**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T174	T174	T174	T174	T178	T178	T178
Location ID	SE001607	SE001607	SE001608	SE001609	SE001604	SE001605	SE001606
Field Sample ID	H2-SE001607-0-0000	H2-SE001607-1-0000 (Dup)	H2-SE001608-0-0000	H2-SE001609-0-0000	H2-SE001604-0-0000	H2-SE001605-0-0000	H2-SE001606-0-0000
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007
Depth (ft)	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.4	0.0-0.3
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.063)	ND (0.020)	ND (0.019)	ND (0.022)	ND (0.021)	ND (0.022)
AROCLOR-1221	ND (0.021)	ND (0.063)	ND (0.020)	ND (0.019)	ND (0.022)	ND (0.021)	ND (0.022)
AROCLOR-1232	ND (0.021)	ND (0.063)	ND (0.020)	ND (0.019)	ND (0.022)	ND (0.021)	ND (0.022)
AROCLOR-1242	ND (0.021)	ND (0.063)	ND (0.020)	ND (0.019)	ND (0.022)	ND (0.021)	ND (0.022)
AROCLOR-1248	ND (0.021)	ND (0.063)	ND (0.020)	ND (0.019)	ND (0.022)	ND (0.021)	ND (0.022)
AROCLOR-1254	**.036 J**	ND (0.063)	**0.025**	**0.021**	**0.049**	**0.087**	**0.068**
AROCLOR-1260	**0.130**	**0.510**	**0.085**	**0.054**	**0.074**	**0.057**	**0.081**
PCB, TOTAL	**0.170**	**0.510**	**0.110**	**0.075**	**0.120**	**0.140**	**0.150**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**11900**	**1020**	**1540**	**8540**	**2260**	**1290**	**1190**
GRAIN SIZE %							
CLAY	**1.2**	-	**0.7**	**0.2**	-	-	-
Coarse Sand	**1.9**	-	**5.7**	**23.6**	-	-	-
Fine Sand	**10.4**	-	**7.7**	**1.9**	-	-	-
GRAVEL	**0.1**	-	**1.3**	**2.6**	-	-	-
Medium Sand	**83.8**	-	**84.0**	**70.1**	-	-	-
SILT	**2.6**	-	**0.6**	**1.7**	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**81.2**	**79.2**	**84.2**	**88.2**	**76.9**	**80.2**	**75.5**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T182	T182	T182	T186	T186	T186	T190
Location ID	SE001601	SE001602	SE001603	SE001580	SE001581	SE001582	SE001583
Field Sample ID	H2-SE001601-0-0000	H2-SE001602-0-0000	H2-SE001603-0-0000	H2-SE001580-0-0000	H2-SE001581-0-0000	H2-SE001582-0-0000	H2-SE001583-0-0000
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/24/2007	5/24/2007	5/24/2007	5/24/2007
Depth (ft)	0.0-0.5	0.0-0.2	0.0-0.3	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.3
Analyte							
PCBS							
AROCLOR-1016	ND (0.020)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.022)
AROCLOR-1221	ND (0.020)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.022)
AROCLOR-1232	ND (0.020)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.022)
AROCLOR-1242	ND (0.020)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.022)
AROCLOR-1248	ND (0.020)	ND (0.020)	ND (0.021)	ND (0.022)	ND (0.021)	ND (0.020)	ND (0.022)
AROCLOR-1254	ND (0.020)	**0.025**	**.056 J**	ND (0.022)	**0.040**	ND (0.020)	**0.030**
AROCLOR-1260	**0.034**	**0.048**	**0.180**	**0.057**	**0.064**	**0.023**	**0.059**
PCB, TOTAL	**0.034**	**0.073**	**0.240**	**0.057**	**0.100**	**0.023**	**0.089**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1520**	**1270**	**2460**	**1160**	**3900**	**930**	**7910**
GRAIN SIZE %							
CLAY	-	-	-	**0.6**	**1.3**	**0.1**	-
Coarse Sand	-	-	-	**1.4**	**3.6**	**3.5**	-
Fine Sand	-	-	-	**30.9**	**19.4**	**9.4**	-
GRAVEL	-	-	-	**0.9**	**0.8**	**0.8**	-
Medium Sand	-	-	-	**65.4**	**74.8**	**85.6**	-
SILT	-	-	-	**0.8**	**0.1**	**0.6**	-
INORGANICS							
PERCENT SOLIDS (%)	**82.2**	**82.9**	**80.8**	**77.5**	**78.5**	**81.6**	**76.9**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T190	T190	T194	T194	T194	T198	T198
Location ID	SE001584	SE001585	SE001586	SE001587	SE001588	SE001589	SE001590
Field Sample ID	H2-SE001584-0-0000	H2-SE001585-0-0000	H2-SE001586-0-0000	H2-SE001587-0-0000	H2-SE001588-0-0000	H2-SE001589-0-0000	H2-SE001590-0-0000
Date Collected	5/24/2007	5/24/2007	5/25/2007	5/25/2007	5/25/2007	5/25/2007	5/25/2007
Depth (ft)	0.0-0.5	0.0-0.3	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5	0.0-0.5
Analyte							
PCBS							
AROCLOR-1016	ND (0.021)	ND (0.022)	ND (0.023)	ND (0.022)	ND (0.020)	ND (0.023)	ND (0.022)
AROCLOR-1221	ND (0.021)	ND (0.022)	ND (0.023)	ND (0.022)	ND (0.020)	ND (0.023)	ND (0.022)
AROCLOR-1232	ND (0.021)	ND (0.022)	ND (0.023)	ND (0.022)	ND (0.020)	ND (0.023)	ND (0.022)
AROCLOR-1242	ND (0.021)	ND (0.022)	ND (0.023)	ND (0.022)	ND (0.020)	ND (0.023)	ND (0.022)
AROCLOR-1248	ND (0.021)	ND (0.022)	ND (0.023)	ND (0.022)	ND (0.020)	ND (0.023)	ND (0.022)
AROCLOR-1254	**0.098**	ND (0.022)	**0.077**	ND (0.022)	ND (0.020)	ND (0.023)	**0.047**
AROCLOR-1260	**0.150**	**0.031**	**0.061**	**0.110**	**0.026**	**0.064**	**0.072**
PCB, TOTAL	**0.250**	**0.031**	**0.140**	**0.110**	**0.026**	**0.064**	**0.120**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**1690**	**1920**	**8880**	**1460**	**2010**	**2290**	**5760**
GRAIN SIZE %							
CLAY	-	-	-	-	-	**1.3**	**1.3**
Coarse Sand	-	-	-	-	-	**0.2**	**0.4**
Fine Sand	-	-	-	-	-	**82.6**	**78.3**
GRAVEL	-	-	-	-	-	**0.0**	**0.2**
Medium Sand	-	-	-	-	-	**15.1**	**19.1**
SILT	-	-	-	-	-	**0.8**	**0.8**
INORGANICS							
PERCENT SOLIDS (%)	**80.1**	**75.7**	**72.1**	**77.1**	**82.8**	**72.6**	**75.9**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T198	T202	T202	T202	T202	T206	T206
Location ID	SE001591	SE001598	SE001599	SE001600	SE001600	SE001595	SE001596
Field Sample ID	H2-SE001591-0-0000	H2-SE001598-0-0000	H2-SE001599-0-0000	H2-SE001600-0-0000	H2-SE001600-1-0000 (Dup)	H2-SE001595-0-0000	H2-SE001596-0-0000
Date Collected	5/25/2007	5/25/2007	5/25/2007	5/25/2007	5/25/2007	5/25/2007	5/25/2007
Depth (ft)	0.0-0.3	0.0-0.2	0.0-0.3	0.0-0.5	0.0-0.5	0.0-0.2	0.0-0.5
Analyte							
PCBS							
AROCLOR-1016	ND (0.023)	ND (0.024)	ND (0.023)	ND (0.023)J	ND (0.021)	ND (0.023)	ND (0.022)
AROCLOR-1221	ND (0.023)	ND (0.024)	ND (0.023)	ND (0.023)J	ND (0.021)	ND (0.023)	ND (0.022)
AROCLOR-1232	ND (0.023)	ND (0.024)	ND (0.023)	ND (0.023)J	ND (0.021)	ND (0.023)	ND (0.022)
AROCLOR-1242	ND (0.023)	ND (0.024)	ND (0.023)	ND (0.023)J	ND (0.021)	ND (0.023)	ND (0.022)
AROCLOR-1248	ND (0.023)	ND (0.024)	ND (0.023)	ND (0.023)J	ND (0.021)	ND (0.023)	ND (0.022)
AROCLOR-1254	**0.025**	**0.079**	**0.180**	ND (0.023)J	**0.087**	**0.079**	**0.025**
AROCLOR-1260	**0.096**	**0.085**	**0.110**	**.046 J**	**0.120**	**0.072**	**0.030**
PCB, TOTAL	**0.120**	**0.160**	**0.290**	**.046 J**	**0.210**	**0.150**	**0.055**
ORGANIC							
TOTAL ORGANIC CARBON (mg/kg)	**2320**	**7170**	**1620**	**4160**	**11500**	**12000**	**2430**
GRAIN SIZE %							
CLAY	**1.2**	-	-	-	-	-	-
Coarse Sand	**0.1**	-	-	-	-	-	-
Fine Sand	**76.0**	-	-	-	-	-	-
GRAVEL	**0.1**	-	-	-	-	-	-
Medium Sand	**21.4**	-	-	-	-	-	-
SILT	**1.2**	-	-	-	-	-	-
INORGANICS							
PERCENT SOLIDS (%)	**73.5**	**69.8**	**72.3**	**73.3**	**78.0**	**72.0**	**76.0**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 2
1.5 Mile Post-Remediation Sediment Sampling - Analytical Results
GE - Pittsfield / Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T206	T210	T210	T210
Location ID	SE001597	SE001592	SE001593	SE001594
Field Sample ID	H2-SE001597-0-0000	H2-SE001592-0-0000	H2-SE001593-0-0000	H2-SE001594-0-0000
Date Collected	5/25/2007	5/25/2007	5/25/2007	5/25/2007
Depth (ft)	0.0-0.5	0.0-0.3	0.0-0.5	0.0-0.5
Analyte				
PCBS				
AROCLOR-1016	ND (0.043)	ND (0.022)	ND (0.022)	ND (0.024)
AROCLOR-1221	ND (0.043)	ND (0.022)	ND (0.022)	ND (0.024)
AROCLOR-1232	ND (0.043)	ND (0.022)	ND (0.022)	ND (0.024)
AROCLOR-1242	ND (0.043)	ND (0.022)	ND (0.022)	ND (0.024)
AROCLOR-1248	ND (0.043)	ND (0.022)	ND (0.022)	ND (0.024)
AROCLOR-1254	**0.290**	**0.069**	**0.042**	**0.140**
AROCLOR-1260	**0.094**	**0.200**	**0.056**	**0.079**
PCB, TOTAL	**0.380**	**0.270**	**0.098**	**0.220**
ORGANIC				
TOTAL ORGANIC CARBON (mg/kg)	**3310**	**2770**	**3130**	**10900**
GRAIN SIZE %				
CLAY	-	**0.7**	**1.9**	**2.0**
Coarse Sand	-	**0.3**	**0.1**	**0.2**
Fine Sand	-	**83.0**	**88.9**	**91.1**
GRAVEL	-	**0.4**	**0.4**	**0.0**
Medium Sand	-	**13.2**	**5.8**	**1.2**
SILT	-	**2.3**	**2.9**	**5.5**
INORGANICS				
PERCENT SOLIDS (%)	**77.7**	**76.9**	**76.4**	**69.7**

Notes:
ND (###) = Non-detect (Detection Limit)
(-) Not Sampled
J - Indicates an estimated value
(Dup) = Duplicate Sample

Table 3
1.5 Mile Post-Remediation Sediment Sampling - Comparison of EPA Samples vs. GE Split Samples
GE - Pittsfield/ Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T098	T098	T098	T098	T102	T102
Location ID	SE001651	1651	SE001652	1652	SE001648	1648
Field Sample ID	H2-SE001651-0-0000	1651	H2-SE001652-0-0000	1652	H2-SE001648-0-0000	1648
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.15	0.0-0.15
Sample Collected By	EPA	GE	EPA	GE	EPA	GE
Analyte						
AROCLOR-1016	ND (0.030)	ND (0.035)	ND (0.022)	ND (0.025)	ND (0.022)	ND (0.027)
AROCLOR-1221	ND (0.030)	ND (0.035)	ND (0.022)	ND (0.025)	ND (0.022)	ND (0.027)
AROCLOR-1232	ND (0.030)	ND (0.035)	ND (0.022)	ND (0.025)	ND (0.022)	ND (0.027)
AROCLOR-1242	ND (0.030)	ND (0.035)	ND (0.022)	ND (0.025)	ND (0.022)	ND (0.027)
AROCLOR-1248	ND (0.030)	**0.064**	ND (0.022)	**0.033**	ND (0.022)	ND (0.027)
AROCLOR-1254	**0.170**	**0.320**	**0.085**	**0.077**	**0.052**	**0.046**
AROCLOR-1260	**0.160**	**0.180**	**0.095**	**0.160**	**0.058**	**0.074**
PCB, TOTAL	**0.330**	**0.564**	**0.180**	**0.270**	**0.110**	**0.120**

Notes:
ND (###) = Non-detect (Detection Limit)
J - Indicates an estimated value

Table 3
1.5 Mile Post-Remediation Sediment Sampling - Comparison of EPA Samples vs. GE Split Samples
GE - Pittsfield/ Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T102	T102	T106	T106	T106	T106
Location ID	SE001649	1649	SE001646	1646	SE001647	1647
Field Sample ID	H2-SE001649-0-0000	1649	H2-SE001646-0-0000	1646	H2-SE001647-0-0000	1647
Date Collected	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007	5/31/2007
Depth (ft)	0.0-0.4	0.0-0.4	0.0-0.3	0.0-0.3	0.0-0.3	0.0-0.3
Sample Collected By	EPA	GE	EPA	GE	EPA	GE
Analyte						
AROCLOR-1016	ND (0.022)	ND (0.026)	ND (0.021)	ND (0.025)	ND (0.022)	ND (0.026)
AROCLOR-1221	ND (0.022)	ND (0.026)	ND (0.021)	ND (0.025)	ND (0.022)	ND (0.026)
AROCLOR-1232	ND (0.022)	ND (0.026)	ND (0.021)	ND (0.025)	ND (0.022)	ND (0.026)
AROCLOR-1242	ND (0.022)	ND (0.026)	ND (0.021)	ND (0.025)	ND (0.022)	ND (0.026)
AROCLOR-1248	ND (0.022)	ND (0.026)	ND (0.021)	0.26	ND (0.022)	ND (0.026)
AROCLOR-1254	**0.094**	**0.033**	**0.055**	**0.110**	**0.036**	**0.039**
AROCLOR-1260	**0.110**	**0.077**	**0.110**	**0.073**	**0.037**	**0.056**
PCB, TOTAL	**0.200**	**0.110**	**0.170**	**0.209**	**0.073**	**0.095**

Notes:
ND (###) = Non-detect (Detection Limit)
J - Indicates an estimated value

Table 3
1.5 Mile Post-Remediation Sediment Sampling - Comparison of EPA Samples vs. GE Split Samples
GE - Pittsfield/ Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T158	T158	T158	T158	T162	T162
Location ID	SE001619	1619	SE001620	1620	SE001617	1617
Field Sample ID	H2-SE001619-0-0000	1619	H2-SE001620-0-0000	1620	H2-SE001617-0-0000	1617
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007
Depth (ft)	0.0-0.5	0.0-0.5	0.0-0.4	0.0-0.4	0.0-0.5	0.0-0.5
Sample Collected By	EPA	GE	EPA	GE	EPA	GE
Analyte						
AROCLOR-1016	ND (0.023)	ND (0.026)	ND (0.020)	ND (0.024)	ND (0.020)	ND (0.047)
AROCLOR-1221	ND (0.023)	ND (0.026)	ND (0.020)	ND (0.024)	ND (0.020)	ND (0.047)
AROCLOR-1232	ND (0.023)	ND (0.026)	ND (0.020)	ND (0.024)	ND (0.020)	ND (0.047)
AROCLOR-1242	ND (0.023)	ND (0.026)	ND (0.020)	ND (0.024)	ND (0.020)	ND (0.047)
AROCLOR-1248	ND (0.023)	ND (0.026)	ND (0.020)	ND (0.024)	ND (0.020)	ND (0.047)
AROCLOR-1254	**0.036**	**0.059**	ND (0.020)	ND (0.024)	**0.039**	**0.900**
AROCLOR-1260	**0.110**	**0.110**	**0.080**	**0.039**	**0.067**	**0.094**
PCB, TOTAL	**0.150**	**0.169**	**0.080**	**0.039**	**0.110**	**0.994**

Notes:
ND (###) = Non-detect (Detection Limit)
J - Indicates an estimated value

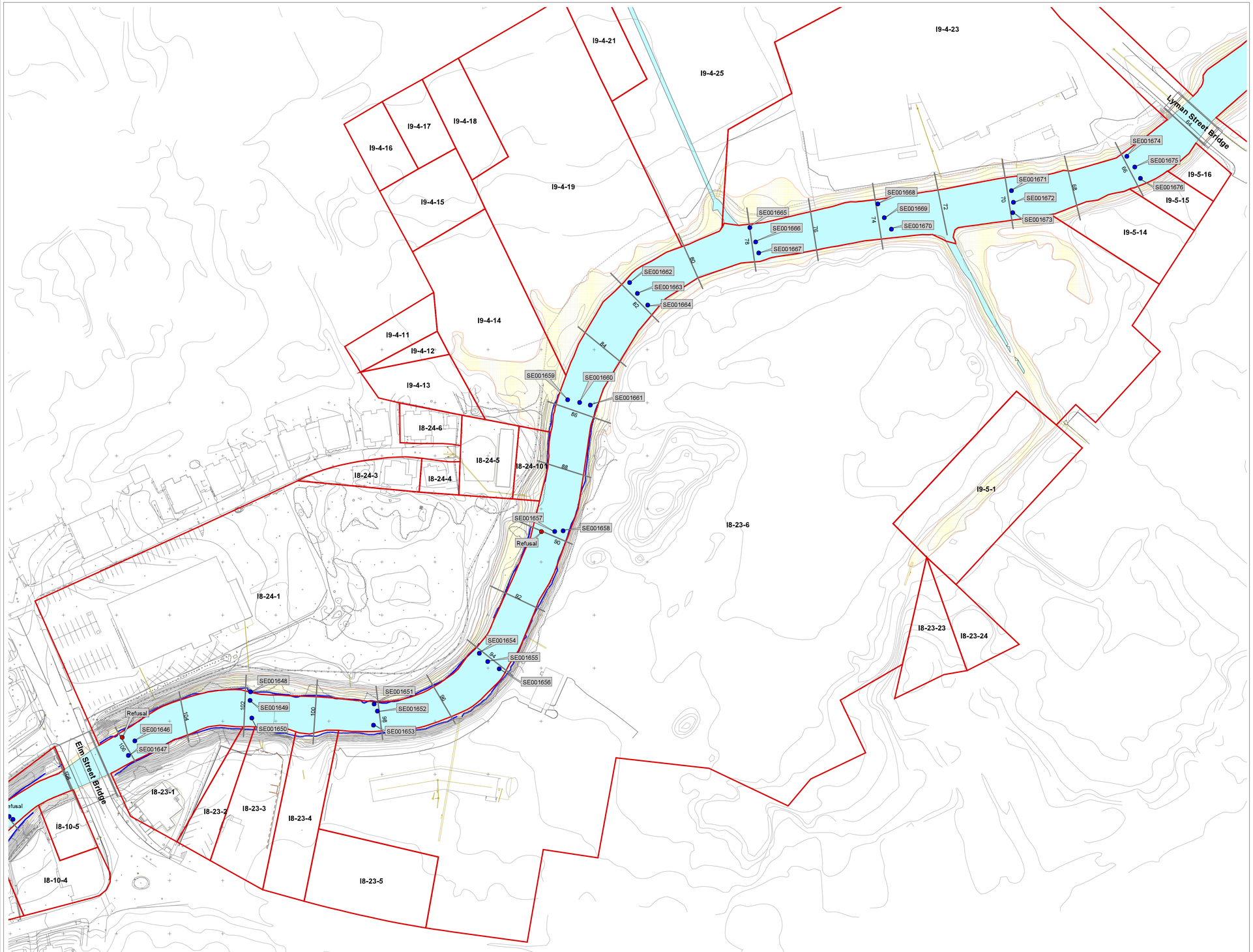
Table 3
1.5 Mile Post-Remediation Sediment Sampling - Comparison of EPA Samples vs. GE Split Samples
GE - Pittsfield/ Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in parts per million ppm)

Transect ID	T166	T166	T166	T166	T166	T166
Location ID	SE001613	1613	SE001614	1614	SE001615	1615
Field Sample ID	H2-SE001613-0-0000	1613	H2-SE001614-0-0000	1614	H2-SE001615-0-0000	1615
Date Collected	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007	5/29/2007
Depth (ft)	0.0-0.3	0.0-0.3	0.0-0.5	0.0-0.5	0.0-0.3	0.0-0.3
Sample Collected By	EPA	GE	EPA	GE	EPA	GE
Analyte						
AROCLOR-1016	ND (0.019)	ND (0.021)	ND (0.019)	ND (0.0230	ND (0.021)	ND (0.025)
AROCLOR-1221	ND (0.019)	ND (0.021)	ND (0.019)	ND (0.0231	ND (0.021)	ND (0.025)
AROCLOR-1232	ND (0.019)	ND (0.021)	ND (0.019)	ND (0.0232	ND (0.021)	ND (0.025)
AROCLOR-1242	ND (0.019)	ND (0.021)	ND (0.019)	ND (0.0233	ND (0.021)	ND (0.025)
AROCLOR-1248	ND (0.019)	ND (0.021)	ND (0.019)	ND (0.0234	ND (0.021)	ND (0.025)
AROCLOR-1254	**0.04 J**	**0.022**	**0.028**	**0.110**	ND (0.021)	ND (0.025)
AROCLOR-1260	**0.046**	**0.083**	**0.042**	**0.036**	**0.042**	**0.036**
PCB, TOTAL	**0.086**	**0.105**	**0.070**	**0.146**	**0.042**	**0.036**

Notes:
ND (###) = Non-detect (Detection Limit)
J - Indicates an estimated value

ATTACHMENT B



WESTON SOLUTIONS

LEGEND:

- Transect
- Sediment Sample Locations
- Sample Refusal
- Roads
- Housatonic River
- Property lines
- 10-year Floodplain
- Contour Lines

N

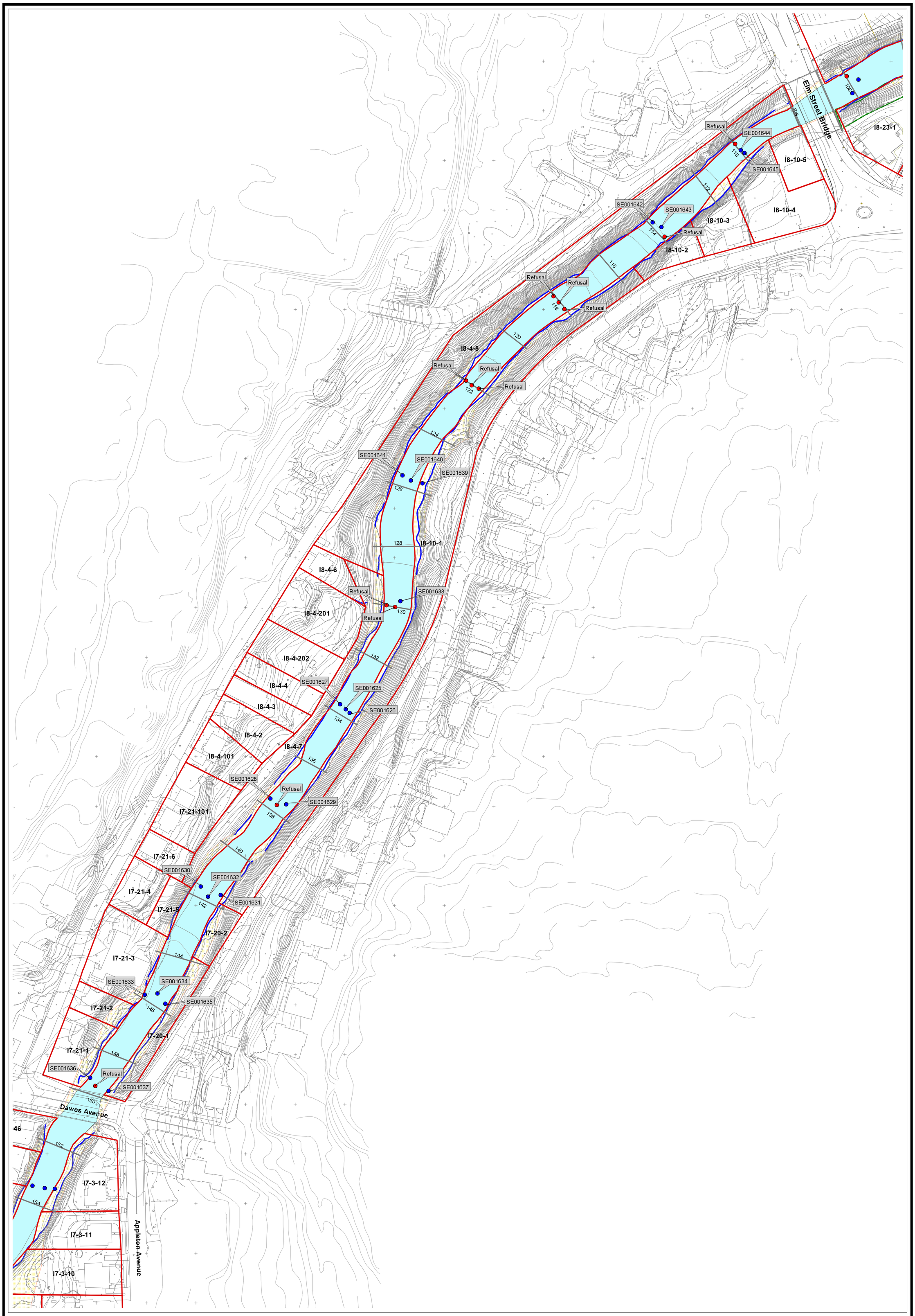
80 0 80 160 Feet

Housatonic River Project
Pittsfield, Massachusetts

Figure 1-1
Post-Remediation Sediment Sampling Locations
Lyman St. Bridge to Elm St. Bridge

May 2007

| c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\sediment sampling locations.apr | Post remediation sed sampling Map 1 | c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\post-removal sed sa



LEGEND:

- 154 Transect
- Sediment Sample Locations
- Sample Refusal
- Roads
- Housatonic River
- Property lines
- 10-year Floodplain
- Contour Lines

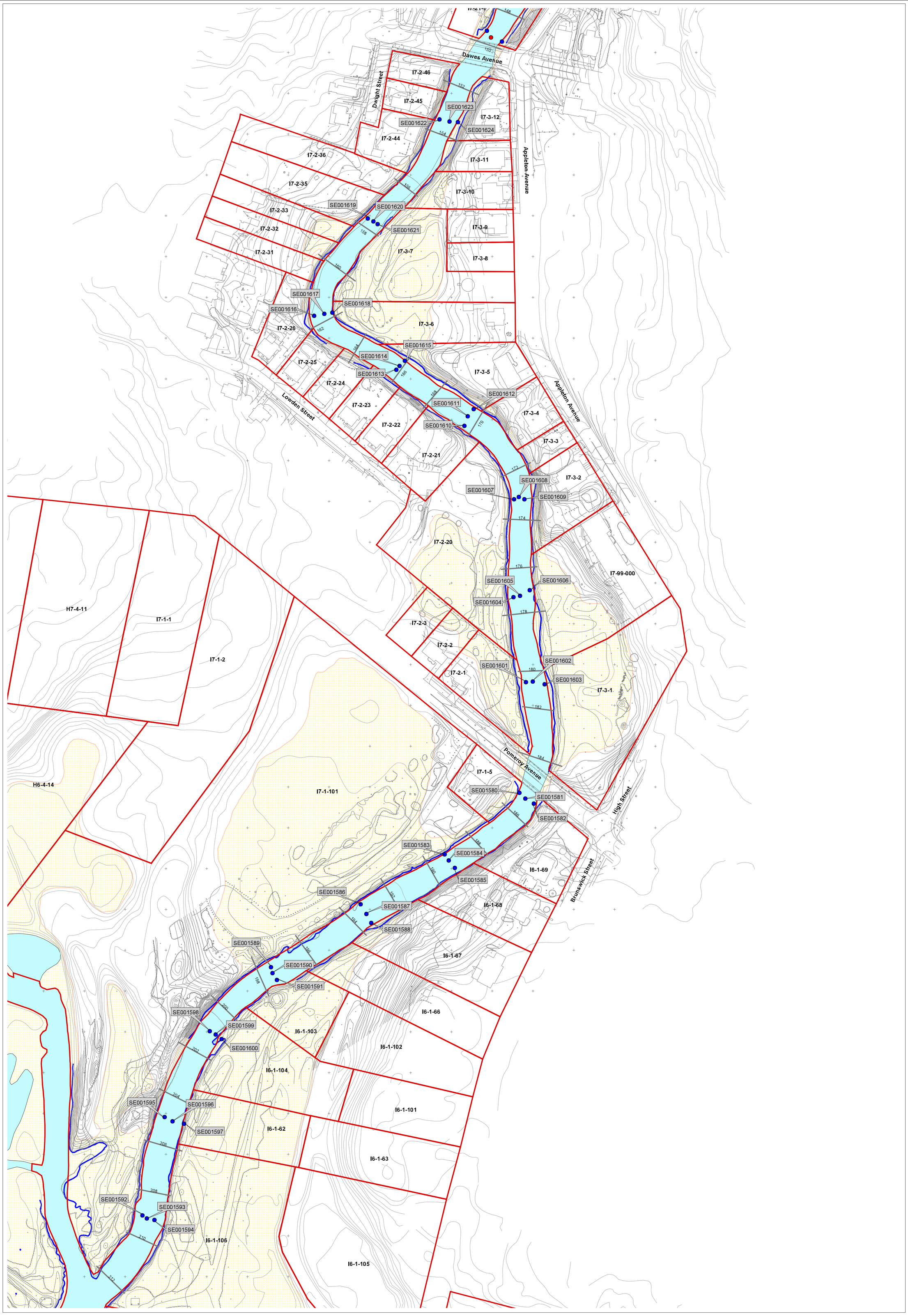
N

70 0 70 140 Feet

Housatonic River Project
Pittsfield, Massachusetts

Figure 1-2
Post-Remediation Sediment Sampling Locations
Elm St. Bridge to Dawes Ave Bridge
May 2007

| c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\sediment sampling locations.apr | Post remediation sed sampling Map 2 | c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\post-removal sed sa



LEGEND:

- Transect
- Sediment Sample Locations
- Sample Refusal
- Roads
- Housatonic River
- Property lines
- 10-year Floodplain
- Contour Lines

N

WESTON SOLUTIONS

70 0 70 140 Feet

Housatonic River Project
Pittsfield, Massachusetts

Figure 1-3
Post-Remediation Sediment Sampling Locations
Dawes Ave Bridge to Confluence
May 2007

| c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\sediment sampling locations.apr | Post remediation sed sampling Map 3 | c:\1.5 mile\2007 post removal sediment sampling\report\1.5 mile report\map files\post-removal sed sa