



Ms. Anna Symington
September 30, 2005
Page 2 of 2

GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Delivery

September 30, 2005

Ms. Anna Symington
Deputy Regional Director
Bureau of Waste Cleanup
Massachusetts Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

**Re: Housatonic River - West Branch (Site Number GESD02)
Additional Investigation Summary Report**

Dear Ms. Symington:

In March 2005, in response to a request from the Massachusetts Department of Environmental Protection (MDEP), General Electric (GE) submitted a *Supplemental Scope of Work for Sediment and Riverbank Investigations for the West Branch of the Housatonic River* (SOW). That document proposed additional investigations of PCBs in the riverbank soil and sediments of the West Branch of the Housatonic River adjacent to Dorothy Amos Park in Pittsfield, as well as additional sediment sampling in one area of the West Branch near its confluence with the East Branch, additional surface water sampling in the West Branch, and additional groundwater investigations at Dorothy Amos Park. That SOW was conditionally approved by the MDEP on June 1, 2005, and GE subsequently performed the additional investigations.

Enclosed is an *Additional Investigation Summary Report for Dorothy Amos Park and the West Branch of the Housatonic River*. This report presents the results from the additional investigations that GE conducted in these areas. It also identifies a number of additional data needs to complete the investigations, and includes a proposal for supplemental investigations to satisfy those data needs. As discussed with the MDEP, following completion of these supplemental investigations, GE will submit a Supplemental Sampling Investigation Report, which will present the results of the supplemental investigations and also include evaluations of the riverbank soil and sediment PCB data and a proposal for remedial actions, as appropriate, to address PCBs in the riverbank soil and sediment in these areas.

Please call me if you have any questions about the enclosed report.

Sincerely,

Richard W. Gates
Remediation Project Manager

Enclosure

V:\GE_Pittsfield_ACO_West_Branch\Reports and Presentations\Additional Investigation Summary Report\59252196Ltr.doc

cc: S. Steenstrup, MDEP
R. Bell, MDEP
T. Angus, MDEP
D. Tagliaferro, EPA
S. Svirsky, EPA
H. Inglis, EPA
T. Conway, EPA*
R. Howell, EPA*
D. Young, EOEAA*
Mayor J. Ruberto, City of Pittsfield
J. McGrath, Director, Pittsfield Parks & Recreation
J. Bernstein, Bernstein, Cushner & Kimmel
T. Bowers, Gradient
Pittsfield Conservation Commission
Pittsfield Health Department*
M. Carroll, GE*
A. Silfer, GE
R. McLaren, Esq., GE
Housatonic River Initiative*
State Senator A. Nuciforo*
State Rep. D. Bosley*
State Rep. D. Guyer*
State Rep. C. Speranzo*
State Rep. W. Pignatelli*
J. Bieke, Esq., Goodwin Procter
S. Gutter, Esq., Sidley Austin Brown & Wood
J. Nuss, P.E., Blasland, Bouck & Lee
C. Averill, Blasland, Bouck & Lee
Public Information Repositories
GE Internal Repositories

* *cover letter only*

**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS**

**ADDITIONAL INVESTIGATION SUMMARY REPORT FOR
DOROTHY AMOS PARK AND THE WEST BRANCH OF THE HOUSATONIC RIVER**

I. INTRODUCTION

On March 25, 2005, in response to a letter from the Massachusetts Department of Environmental Protection (MDEP), the General Electric Company (GE) submitted to the MDEP a document titled *Supplemental Scope of Work for Sediment and Riverbank Investigations for the West Branch of the Housatonic River* (SOW). That SOW presented a scope of work for: (1) additional sampling to address polychlorinated biphenyls (PCBs) in riverbank soils and sediments of the West Branch of the Housatonic River (West Branch) adjacent to Dorothy Amos Park (the Park), as well as sediments of the West Branch near its confluence with the East Branch of the River; (2) surface water sampling for PCBs in the West Branch upstream and downstream of the Park and near the confluence with the East Branch; and (3) gauging and sampling of the existing groundwater monitoring wells at the Park. The MDEP conditionally approved that SOW by letter dated June 1, 2005. GE subsequently performed the soil and sediment sampling, as well as the groundwater and surface water investigations, in these areas.

This Additional Investigation Summary Report presents the results from those investigations. In addition, based on a review of those results, GE has identified a number of additional data needs to complete the necessary investigations in these areas. This report describes those data needs and proposes supplemental investigation activities to satisfy those needs. In these circumstances, although the SOW stated that the Additional Investigation Summary Report would also include evaluations of the riverbank soil and sediment PCB data and a proposal for appropriate remedial actions, GE has determined, after consultation with the MDEP, that the supplemental investigations to satisfy the identified data needs should be completed before such evaluations are made and a remedial action proposal is developed. Accordingly, this report includes a proposed schedule for completing the supplemental investigations and submitting a Supplemental Sampling Investigation Report, which will include the results from those investigations, as well as evaluations of the riverbank soil and sediment PCB data and a proposal for remedial actions to address PCBs in the riverbank soil and sediment, as necessary.

II. SUMMARY OF INVESTIGATION ACTIVITIES AND RESULTS AND IDENTIFICATION OF DATA NEEDS

The recently performed investigations involved separate investigation activities at Dorothy Amos Park and within the West Branch of the Housatonic River. The investigations performed at the Park included sampling of riverbank soils and the gauging and sampling of groundwater monitoring wells, while the activities performed in the West Branch included sediment and surface water sampling. Each of these activities is described below, along with the associated results and an identification of data needs (if any).

A. Riverbank Soil Sampling at Dorothy Amos Park

The soil sampling at the Park involved the collection of soil samples for PCB analysis at several locations along the lower riverbank adjacent to the West Branch. On August 2 through 4, 2005, GE collected 25 soil samples (including 2 duplicate samples) from 18 such riverbank locations at the Park. These samples were submitted for analysis of PCBs. The PCB data from these riverbank soil samples are presented in Table 1. The sample locations and PCB results are also shown on Figure 1, along with the PCB results from riverbank soil samples previously collected from the Park by GE and the MDEP.

The MDEP's conditional approval letter required the vertical delineation of PCBs to 2 ppm at each proposed soil sample location. As indicated in Table 1, such vertical delineation was not achieved at three sample locations, where PCBs greater than 2 ppm were reported in the deepest sample collected: DARB-2 (11 ppm in the 4- to 6-foot depth increment); DARB-5 (2.3 ppm in the 4- to 6-foot depth increment); and DARB-7 (12 ppm with a sample duplicate of 43 ppm in the 1- to 3-foot depth increment). Accordingly, additional sampling is necessary at those three locations for vertical delineation of PCBs.

In addition, the MDEP's conditional approval letter required the collection of samples at two locations between transect T 00700 and the West Street bridge over the Housatonic River to delineate the extent of PCBs south of transect T 00700. While samples were collected at these locations (DARB-8 and DARB-9), those samples were collected starting at three feet below grade, thus inadvertently omitting the collection of samples from the 0- to 1-foot and 1- to 3-foot depth increments. As a result, there is a need to collect samples from the latter depth increments at locations DARB-8 and DARB-9.

Further, GE has reviewed the riverbank soil sampling results to assess the need for further horizontal delineation of elevated PCB concentrations to assist in evaluating the need for and extent of removal to address such concentrations. Based on this review, GE has not identified the need for any further riverbank sampling laterally along the banks, but has identified a few locations at which it would be useful to collect additional sediment samples in the river close to the banks to assess whether elevated concentrations on the lower banks extend into the river. These locations are discussed in Section II.C below, which relates to sediment sampling.

B. Groundwater Investigations at Dorothy Amos Park

The SOW proposed to gauge each of the existing monitoring wells at the Park (wells WBGMW110 and WBGMW300) to determine whether non-aqueous phase liquid (NAPL) is present and, if present, to collect samples of the NAPL for analysis of PCBs, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), specific gravity, and viscosity. The SOW further proposed that, following completion of these well gauging and (if necessary) NAPL sampling activities, groundwater samples would be collected from each well for analysis of dissolved and total PCBs, lead, and arsenic.

GE performed the well gauging activities on August 15, 2005. No NAPL was observed during the monitoring well gauging activities. Therefore, no NAPL samples were collected and the wells were developed prior to the collection of the groundwater samples. Groundwater samples were collected on August 25, 2005 from monitoring wells WBGMW110 and WBGMW300 (shown on Figure 1) and submitted for analysis of dissolved and total PCBs, lead, and arsenic. The analytical data from these groundwater samples are presented in Table 2. As shown in Table 2, PCBs were detected in the unfiltered samples at concentrations of 0.13 ppb in well WBGMW300 and 0.89 ppb (with a duplicate of 0.79 ppb, for an average of 0.84 ppb) in well WBGMW110, and in the filtered samples at concentrations of 0.16 ppb in well WBGMW300 and 0.63 ppb (with a duplicate of 0.53 ppb, for an average of 0.58 ppb) in well WBGMW110. In addition, lead was detected in the unfiltered sample collected from well WBGMW110 (but not the sample duplicate) at an estimated concentration of 0.89 ppb. However, lead was not detected in the filtered sample from this well. Arsenic was not detected in the samples collected from either well.

In evaluating groundwater sampling data for PCBs and metals, GE uses the results from filtered samples for comparison to the relevant Method 1 groundwater standards in the Massachusetts Contingency Plan (MCP). Under the MCP, the comparisons of site analytical data to the MCP Reportable Concentrations are to be based on the dissolved concentration results (310 CMR 40.0362(1)), and the comparisons to Method 1 standards are to be based on the type of sample results that are representative of the concentrations which the receptor would contact. Since groundwater in this area is not used for drinking water supplies and thus is not classified as GW-1, and since there are no current Method 1 GW-2

groundwater standards for PCBs or metals, the relevant Method 1 groundwater standards for PCBs and metals at the present time are the GW-3 standards, which are intended to protect surface water into which the groundwater flows. For comparison to these GW-3 standards, the results from filtered samples are the most representative since they best reflect the dissolved-phase concentrations of the compounds that could migrate through the ground to surface water. This approach is consistent with the approach that has been approved for use at the Groundwater Management Areas under the Consent Decree for the GE Pittsfield/Housatonic River Site. [Although the MDEP has proposed a new GW-2 groundwater standard for PCBs as part of its "Wave 2" revisions to the Method 1 standards (proposed in September 2004), the GW-2 standards are designed to address potential volatilization of constituents from groundwater to the indoor air of buildings, and apply only to groundwater within 30 feet of an existing occupied building. There are no such occupied buildings within 30 feet of the monitoring wells at the Park, and hence the proposed Wave 2 GW-2 standard for PCBs would not apply to the data from these wells. Even if it did apply, the results from the filtered samples, which best reflect dissolved-phase concentrations, would be most representative of the PCB concentrations subject to potential volatilization.]

Thus, for PCBs, GE has compared the filtered sample results to the current Method 1 GW-3 groundwater standard of 0.3 ppb, and it has also compared those results to the proposed Wave 2 GW-3 groundwater standard of 10 ppb, which is expected to be finalized in the near future. The PCB concentration for the filtered sample from well WBGMW300 is below both the current and the Wave 2 standards. Although the PCB concentration for the filtered sample from WBGMW110 (average of 0.58 ppb) is greater than the current Method 1 GW-3 standard of 0.3 ppb, it is well below the proposed Wave 2 GW-3 standard of 10 ppb. (It should also be noted that, although these wells are not located in groundwater that is classified as GW-2, the detected PCB concentrations are below the proposed Wave 2 GW-2 standard for PCBs of 1 ppb.)

Lead was not detected in the filtered groundwater samples from either well. Moreover, while the unfiltered results are not directly relevant to the GW-3 standards, it should be noted that the detected concentration of total lead in the unfiltered sample from well WBGMW110 (0.89 ppb) is substantially below the current (30 ppb) and proposed Wave 2 (10 ppb) Method 1 GW-3 groundwater standards for lead.

For these reasons, no further groundwater investigation activities are proposed at the Park.

C. Sediment Sampling in West Branch

The recent sediment investigations within the West Branch involved the collection and PCB analysis of 100 sediment samples (including 5 duplicate samples) from 24 locations adjacent to Dorothy Amos Park and 6 locations in the vicinity of transect T 09100. These samples were collected in late July 2005. The PCB data for these sediment samples are presented in Table 3. The sample locations and results are also shown on Figures 2 and 3, along with the locations and results of sediment samples previously collected in these areas by the U.S. Environmental Protection Agency (EPA) and the MDEP. (It should be noted that the EPA sample results presented on Figures 2 and 3 reflect the data contained in the latest EPA database, which was queried in September 2005. Some of those results differ from the results reported for the same EPA samples in the SOW, and appear to reflect subsequent validation of the data by EPA.)

The SOW proposed the collection of sediment samples from the top five feet at each sediment sample location, with the samples from the top three feet subject to PCB analysis and the samples from the 3- to 5-foot depth increment to be held at the laboratory pending the results of the PCB analyses for the overlying samples at each location. In addition, the MDEP's conditional approval letter required the vertical delineation of PCBs to 1 ppm at each proposed sediment sample location. However, sampling personnel, who were using Lexan tubing for the sediment collection, encountered refusal (e.g., the clay confining layer underlying the river sediments) or lack of sediment prior to reaching the full targeted

depth of sampling at all but three sampling locations (DASED-18, DASED-20, and DASED-23). Nevertheless, as shown in Table 3, vertical delineation of PCBs to < 1 ppm was achieved at all but six sample locations. The six locations in which PCBs greater than 1 ppm were detected in the deepest sample collected are all located adjacent to the Park. They are: DASED-1 (51 ppm in the 0.5- to 1-foot depth increment), DASED-2 (4.3 ppm in the 2- to 3-foot depth increment), DASED-5 (9.6 ppm in the 0.5- to 1-foot depth increment), DASED-6 (4.3 ppm with a sample duplicate of 13 ppm in the 1- to 2-foot depth increment), DASED-17 (1.1 ppm in the 1- to 2-foot depth increment), and DASED-19 (1.1 ppm with a duplicate of 1.2 ppm in the 1- to 2-foot depth increment). Thus, there is a need to attempt to collect deeper sediment samples at these six locations using a different sampling technique.

In addition, as noted in Section II.A, GE has reviewed the riverbank soil PCB data to identify locations at which it would be useful to collect additional sediment samples in the river close to the banks to assess whether elevated concentrations on the lower banks extend into the river and thus may warrant some sediment removal. In this assessment, GE has focused on areas other than those where sediment removal already appears likely based on existing sediment PCB data. Based on this review, GE has identified three such locations (designated as DASED-25, DASED-26, and DASED-27 on Figure 2) where near-bank sediment samples would be useful in evaluating the extent of removal.

The six samples collected in the vicinity of EPA sample location SE000388 (MDEP transect T 09100), located near the confluence with the East Branch, all showed low PCB concentrations, ranging from non-detect to 0.43 ppm (see Table 3 and Figure 3). Accordingly, there is no need for additional sediment sampling in that area.

D. Surface Water Sampling in West Branch

In accordance with the SOW, GE collected surface water samples at three locations within the West Branch on August 15, 2005. These samples were collected at locations upstream of the Park (WBSW-1), downstream of the Park (WBSW-2), and between MDEP transect T 09100 and the confluence of the East and West Branches of the Housatonic River (WBSW-3), as shown on Figure 4. These samples were submitted for PCB analysis of both unfiltered and filtered samples. The results from these August 2005 samples, presented in Table 4, showed no detections of PCBs in any of the samples. However, these samples were inadvertently analyzed by the laboratory (SGS Environmental Services, Inc.) using a detection limit of 0.065 ppb, which is the applicable detection limit for groundwater samples under GE's approved *Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP)*, rather than the lower target detection limit of 0.022 ppb for surface water samples.

As a result, GE re-collected surface water samples from the same locations on September 14, 2005, and submitted them to the same laboratory for PCB analysis using a lower detection limit. The reported results from these samples are also presented in Table 4 and indicated the detection of PCBs at concentrations ranging from 0.023 to 0.96 ppb in the unfiltered samples and 0.036 ppb (duplicate of 0.066 ppb) to 0.71 ppb in the filtered samples. However, the rinse blank associated with these samples (RB-091405-1) showed a detected total PCB concentration of 0.087 ppb. Rinse blanks are used to identify contamination that may have been introduced into the samples during sample collection in the field and/or sample preparation or analysis at the laboratory. Thus, the detection of PCBs in the rinse blank is an indication of possible contamination during field and/or laboratory operations. Moreover, the reported results do not make sense. For example, the reported result for the filtered sample from the location upstream of the Park (0.71 ppb) is more than an order of magnitude higher than the unfiltered sample result from the same location (0.023 ppb). For these reasons, GE does not regard the results from this sampling event as a reliable representation of the PCB concentrations in the surface water of the West Branch.

In these circumstances, GE again collected surface water samples from the same locations on September 22, 2005, and submitted them to Northeast Analytical, Inc. (NEA) (which performs the analyses on GE's routine surface water samples from the Housatonic River) for PCB analysis using the lower detection limit specified in the FSP/QAPP for surface water samples (0.022 ppb). These results are also shown in Table 4. They show no detected concentrations of PCBs in either the filtered or the unfiltered samples, thus confirming that the reported results from the September 14, 2005 samples were likely affected by exogenous contamination or by some field or laboratory procedure.

Given the above sets of results, GE believes that it would be prudent to collect another set of surface water samples from the same locations to further confirm the last set. GE's proposal for such supplemental sampling is included in Section III below.

III. PROPOSED SUPPLEMENTAL INVESTIGATIONS

As discussed above, GE has identified certain additional data needs to complete the proposed investigations at Dorothy Amos Park and the West Branch. These include: (1) the collection of additional riverbank soil samples at three locations for vertical delineation of PCBs and at two locations for the horizontal delineation of PCBs; (2) the collection of additional sediment samples at six locations for vertical delineation of PCBs and at three near-shore locations for horizontal delineation of elevated PCB concentrations on the lower bank; and (3) the collection of another round of surface water samples from the West Branch for PCB analysis. To satisfy these data needs, GE proposes to conduct the following supplemental investigations:

First, GE proposes to collect additional soil samples from the 6- to 8-foot and 8- to 10-foot depth increments at riverbank locations DARB-2 and DARB-5 and from the 3- to 4-foot and 4- to 6-foot depth increments at location DARB-7. For each location, the uppermost of these samples will be submitted for PCB analysis, and the deeper sample will be held at the laboratory and will be analyzed for PCBs if the overlying sample shows a PCB concentration greater than 2 ppm. In addition, GE will collect additional soil samples from the 0- to 1-foot and 1- to 3-foot depth increments at riverbank locations DARB-8 and DARB-9 for PCB analysis. These locations are all shown on Figure 1.

Second, GE proposes to conduct additional sediment sampling at locations DASED-1, DASED-2, DASED-5, DASED-6, DASED-17, and DASED-19 (shown on Figure 2) in an effort to delineate the vertical extent of PCBs in excess of 1 ppm in river sediments. At each location, GE will attempt to collect sediment samples beginning at the depth at which refusal was previously encountered (1 foot at locations DASED-1 and DASED-5, 2 feet at DASED-6, DASED-17 and DASED-19, and 3 feet at DASED-2) and in one-foot increments below that to a depth of 5 feet below grade, if feasible. In an attempt to facilitate collection of these sediment samples and to avoid the same refusal issues previously encountered, GE will collect the proposed sediment samples using vibracore samplers. The uppermost samples (i.e., those collected to a depth of 3 feet at DASED-1, -5, -6, -17, and -19 and the 3- to 4-foot sample at DASED-2) will be submitted for PCB analysis, and the deeper samples will be held at the laboratory and will be analyzed for PCBs if the overlying sample shows a PCB concentration greater than 1 ppm.

In addition, GE proposes to collect sediment samples at near-shore locations DASED-25, DASED-26, and DASED-27 (shown on Figure 2) to determine whether the elevated PCB concentrations on the lower riverbank in these areas extend into the river. At these locations, samples will be collected from 0- to 0.5-foot and 0.5- to 1-foot depth intervals and thereafter in one-foot intervals to a depth of 5 feet or refusal. The samples from the 0- to 0.5-foot and 0.5- to 1-foot depth intervals will be submitted for PCB analysis, and the deeper samples will be held at the laboratory and will be analyzed for PCBs iteratively, if necessary, to achieve a vertical delineation to 1 ppm.

Finally, GE proposes to collect another round of surface water samples from locations WBSW-1, WBSW-2, and WBSW-3, as shown on Figure 4, for confirmatory purposes. These samples will be submitted to NEA for analysis of PCBs using the surface water PCB detection limit specified in the FSP/QAPP.

Table 5 presents a summary of the proposed supplemental sampling activities.

GE proposes to complete the proposed supplemental investigations and to submit a Supplemental Sampling Investigation Report presenting the results of those investigations within 90 days of receipt of MDEP approval of the present report. That report will also include evaluations of the riverbank soil and sediment PCB data, soil boring and sediment sampling logs, a data validation report for both the July-September 2005 data and the supplemental sampling data proposed herein, and a proposal for appropriate remedial actions to address PCBs in the lower riverbank soils and sediments adjacent to the Park and potentially certain sediments in the vicinity of EPA sample location SE000388 (MDEP transect T 09100).

Tables

**TABLE 1
SUMMARY OF RIVERBANK SOIL PCB DATA - DOROTHY AMOS PARK**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DARB-1	3-4	8/2/2005	ND(0.037)	ND(0.037)	0.34	0.43	0.77
DARB-2	3-4	8/2/2005	ND(36)	ND(36)	ND(36)	220	220
	4-6	8/2/2005	ND(0.37)	ND(0.37)	ND(0.37)	11	11
DARB-3	3-4	8/2/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.35	0.35 J
DARB-4	1-3	8/3/2005	ND(0.049)	ND(0.049)	0.073	0.23	0.303
DARB-5	3-4	8/4/2005	ND(22)	ND(22)	ND(22)	230	230
	4-6	8/4/2005	ND(0.057)	ND(0.057)	ND(0.057)	2.3	2.3
DARB-6	3-4	8/4/2005	ND(0.044)	ND(0.044)	ND(0.044)	1.3	1.3
DARB-7	0-1	8/4/2005	ND(0.28)	ND(0.28)	1.4	2.2	3.6 J
	1-3	8/4/2005	ND(0.42) [ND(2.2)]	ND(0.42) [ND(2.2)]	5.2 [ND(2.2)]	6.8 [43]	12 J [43 J]
DARB-8	3-4	8/4/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.70	0.70
DARB-9	3-4	8/4/2005	ND(0.39)	ND(0.39)	ND(0.39)	6.3	6.3
	4-6	8/4/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.11	0.11
DARB-10	3-4	8/2/2005	ND(0.047)	ND(0.047)	ND(0.047)	0.43	0.43
DARB-11	3-4	8/2/2005	ND(0.044)	ND(0.044)	0.059	0.19	0.249
DARB-12	3-4	8/2/2005	ND(0.043)	ND(0.043)	ND(0.043)	0.018 J	0.018 J
DARB-13	3-4	8/2/2005	ND(0.034)	ND(0.034)	ND(0.034)	0.13	0.13
DARB-14	3-4	8/2/2005	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	0.64 [0.57]	0.64 [0.57]
DARB-15	3-4	8/3/2005	ND(20)	ND(20)	ND(20)	790	790
	4-6	8/3/2005	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.14
DARB-16	3-4	8/3/2005	ND(0.045)	ND(0.045)	0.16	0.19	0.35
DARB-17	3-4	8/3/2005	ND(0.050)	ND(0.050)	ND(0.050)	1.9	1.9
DARB-18	3-4	8/4/2005	ND(0.042)	ND(0.042)	0.78	0.67	1.45 J

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

**TABLE 2
SUMMARY OF GROUNDWATER PCB AND METALS DATA - DOROTHY AMOS PARK**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	WBGMW-110 08/25/05	WBGMW-300 08/25/05
PCBs-Unfiltered			
Aroclor-1016		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1232		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1242		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1254		0.00089 [0.00079]	0.00013
Aroclor-1260		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs		0.00089 [0.00079]	0.00013
PCBs-Filtered			
Aroclor-1016		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1232		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1242		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1254		0.00063 [0.00053]	0.00016
Aroclor-1260		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs		0.00063 [0.00053]	0.00016
Inorganics-Unfiltered			
Arsenic		ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead		0.000890 B [ND(0.00300)]	ND(0.00300)
Inorganics-Filtered			
Arsenic		ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead		ND(0.00300) [ND(0.00300)]	ND(0.00300)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, arsenic and lead.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

**TABLE 3
SUMMARY OF SEDIMENT PCB DATA - WEST BRANCH OF HOUSATONIC RIVER**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DASED-1	0-0.5	7/25/2005	ND(2.1)	ND(2.1)	ND(2.1)	49	49
	0.5-1	7/25/2005	ND(2.3)	ND(2.3)	ND(2.3)	51	51
DASED-2	0-0.5	7/25/2005	ND(4.5)	ND(4.5)	ND(4.5)	83	83
	0.5-1	7/25/2005	ND(0.94)	ND(0.94)	ND(0.94)	44	44
	1-2	7/25/2005	ND(0.22)	ND(0.22)	ND(0.22)	3.7	3.7
	2-3	7/25/2005	ND(0.21)	ND(0.21)	ND(0.21)	4.3	4.3
DASED-3	0-0.5	7/25/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.56	0.56
	0.5-1	7/25/2005	ND(0.047)	ND(0.047)	ND(0.047)	0.47	0.47
	1-2	7/25/2005	ND(0.051)	ND(0.051)	ND(0.051)	0.40	0.40
DASED-4	0-0.5	7/25/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.21	0.21
	0.5-1	7/25/2005	ND(0.044)	ND(0.044)	ND(0.044)	0.20	0.20
	1-2	7/25/2005	ND(0.060)	ND(0.060)	0.43	0.24	0.67
DASED-5	0-0.5	7/25/2005	ND(1.0)	ND(1.0)	ND(1.0)	20	20
	0.5-1	7/25/2005	ND(0.60)	ND(0.60)	ND(0.60)	9.6	9.6
DASED-6	0-0.5	7/25/2005	ND(0.21)	ND(0.21)	ND(0.21)	2.2	2.2
	0.5-1	7/25/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.88	0.88
	1-2	7/25/2005	ND(0.22) [ND(0.44)]	ND(0.22) [ND(0.44)]	ND(0.22) [ND(0.44)]	4.3 [13]	4.3 J [13 J]
DASED-7	0-0.5	7/25/2005	ND(0.77)	ND(0.77)	ND(0.77)	16	16
	0.5-1	7/25/2005	ND(0.059)	ND(0.059)	ND(0.059)	1.1	1.1
	1-2	7/25/2005	ND(0.28)	ND(0.28)	ND(0.28)	4.8	4.8
	2-3	7/25/2005	ND(0.059)	ND(0.059)	ND(0.059)	0.46	0.46
DASED-8	0-0.5	7/25/2005	ND(0.33)	ND(0.33)	ND(0.33)	4.3	4.3
	0.5-1	7/25/2005	ND(0.066)	ND(0.066)	1.9	0.71	2.61
	1-2	7/25/2005	ND(0.047)	ND(0.047)	ND(0.047)	0.16	0.16
DASED-9	0-0.5	7/25/2005	ND(0.048)	ND(0.048)	0.33	0.28	0.61
	0.5-1	7/25/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-2	7/25/2005	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
	2-3	7/25/2005	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
DASED-10	0-0.5	7/25/2005	ND(0.049)	ND(0.049)	0.39	0.71	1.1 J
	0.5-1	7/25/2005	ND(0.058)	ND(0.058)	0.31	0.37	0.68 J
	1-2	7/25/2005	ND(0.059)	ND(0.059)	0.090	0.061	0.151 J
	2-3	7/25/2005	ND(0.056) [ND(0.060)]	ND(0.056) [ND(0.060)]	ND(0.056) [1.3]	ND(0.056) [2.0]	ND(0.056) J [3.3 J]
	3-4	7/25/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
DASED-11	0-0.5	7/25/2005	ND(4.2)	ND(4.2)	ND(4.2)	110	110
	0.5-1	7/25/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.034 J	0.034 J
DASED-12	0-0.5	7/25/2005	ND(4.0)	ND(4.0)	ND(4.0)	180	180
	0.5-1	7/25/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.23	0.23
DASED-13	0-0.5	7/25/2005	ND(0.052)	ND(0.052)	ND(0.052)	1.5	1.5
	0.5-1	7/25/2005	ND(0.043)	ND(0.043)	ND(0.043)	0.47	0.47
DASED-14	0-0.5	7/22/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.098	0.098
	0.5-1	7/22/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-2	7/22/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.027 J	0.027 J
DASED-15	0-0.5	7/26/2005	ND(0.046)	ND(0.046)	ND(0.046)	0.32	0.32 J
	0.5-1	7/26/2005	ND(0.046)	ND(0.046)	ND(0.046)	0.19	0.19
DASED-16	0-0.5	7/22/2005	ND(0.051)	ND(0.051)	ND(0.051)	0.14	0.14
	0.5-1	7/22/2005	ND(0.043)	ND(0.043)	ND(0.043)	0.086	0.086
	1-2	7/22/2005	ND(0.042)	ND(0.042)	0.18	0.21	0.39
DASED-17	0-0.5	7/26/2005	ND(0.069)	ND(0.069)	ND(0.069)	1.3	1.3
	0.5-1	7/26/2005	ND(0.065)	ND(0.065)	ND(0.065)	1.8	1.8
	1-2	7/26/2005	ND(0.063)	ND(0.063)	ND(0.063)	1.1	1.1
DASED-18	0-0.5	7/22/2005	ND(0.049)	ND(0.049)	0.64	1.5	2.14
	0.5-1	7/22/2005	ND(0.049)	ND(0.049)	ND(0.049)	0.37	0.37
	1-2	7/22/2005	ND(0.059)	0.46	ND(0.059)	0.40	0.86
	2-3	7/22/2005	ND(0.044)	ND(0.044)	1.0	0.51	1.51
	3-4	7/22/2005	ND(0.044)	0.30	0.34	0.30	0.94
DASED-19	0-0.5	7/26/2005	ND(0.078)	ND(0.078)	ND(0.078)	1.4	1.4
	0.5-1	7/26/2005	ND(0.074)	ND(0.074)	ND(0.074)	0.97	0.97
	1-2	7/26/2005	ND(0.079) [ND(0.079)]	ND(0.079) [ND(0.079)]	ND(0.079) [ND(0.079)]	1.1 [1.2]	1.1 [1.2]
DASED-20	0-0.5	7/22/2005	ND(0.069)	ND(0.069)	ND(0.069)	0.44	0.44
	0.5-1	7/22/2005	ND(0.070)	0.46	0.92	1.0	2.38
	1-2	7/22/2005	ND(0.047)	0.70	0.64	0.69	2.03
	2-3	7/22/2005	ND(0.045)	ND(0.045)	0.098	0.13	0.228

See notes on page 2.

**TABLE 3
SUMMARY OF SEDIMENT PCB DATA - WEST BRANCH OF HOUSATONIC RIVER**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DASED-21	0-0.5	7/22/2005	ND(0.042)	ND(0.042)	ND(0.042)	0.18	0.18
	0.5-1	7/22/2005	ND(0.046)	ND(0.046)	ND(0.046)	0.17	0.17
	1-2	7/22/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.32	0.32
DASED-22	0-0.5	7/22/2005	ND(0.046)	ND(0.046)	0.49	0.82	1.31
	0.5-1	7/22/2005	ND(0.044)	ND(0.044)	0.30	0.53	0.83
	1-2	7/22/2005	ND(0.042)	0.12	0.12	0.11	0.35
DASED-23	0-0.5	7/25/2005	ND(0.072)	ND(0.072)	ND(0.072)	3.4	3.4
	0.5-1	7/25/2005	ND(0.28)	ND(0.28)	ND(0.28)	5.8	5.8
	1-2	7/25/2005	ND(0.066)	ND(0.066)	1.1	0.55	1.65
	2-3	7/25/2005	ND(0.062)	ND(0.062)	0.069	ND(0.062)	0.069
DASED-24	0-0.5	7/22/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.76	0.76
	0.5-1	7/22/2005	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	1-2	7/22/2005	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)
	2-3	7/22/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
WB09100-SED1	0-0.5	7/27/2005	ND(0.062)	ND(0.062)	ND(0.062)	0.27	0.27
	0.5-1	7/27/2005	ND(0.059)	ND(0.059)	ND(0.059)	0.20	0.20
	1-2	7/27/2005	ND(0.048)	ND(0.048)	ND(0.048)	0.17	0.17
	2-3	7/27/2005	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
WB09100-SED2	0-0.5	7/27/2005	ND(0.068)	ND(0.068)	ND(0.068)	0.30	0.30
	0.5-1	7/27/2005	ND(0.062)	ND(0.062)	0.15	0.28	0.43
	1-2	7/27/2005	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
WB09100-SED3	0-0.5	7/27/2005	ND(0.041)	ND(0.041)	ND(0.041)	0.12	0.12
	0.5-1	7/27/2005	ND(0.038)	ND(0.038)	ND(0.038)	0.058	0.058
	1-2	7/27/2005	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [0.083]	ND(0.037) [0.083]
WB09100-SED4	0-0.5	7/27/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	0.5-1	7/27/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.060	0.060
	1-2	7/27/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.42	0.42
WB09100-SED5	0-0.5	7/27/2005	ND(0.044)	ND(0.044)	ND(0.044)	0.057	0.057
	0.5-1	7/27/2005	ND(0.040)	ND(0.040)	ND(0.040)	0.032 J	0.032 J
	1-2	7/27/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
WB09100-SED6	0-0.5	7/27/2005	ND(0.063)	ND(0.063)	ND(0.063)	0.28	0.28
	0.5-1	7/27/2005	ND(0.056)	ND(0.056)	ND(0.056)	0.22	0.22 J
	1-2	7/27/2005	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

**TABLE 4
SUMMARY OF SURFACE WATER PCB DATA - WEST BRANCH OF HOUSATONIC RIVER**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	WBSW-1 08/15/05	WBSW-1* 09/14/05	WBSW-1 09/22/05	WBSW-2 08/15/05	WBSW-2* 09/14/05
PCBs-Unfiltered						
Aroclor-1016		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	ND(0.000020) [ND(0.000020)]
Aroclor-1221		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	ND(0.000020) [ND(0.000020)]
Aroclor-1232		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	ND(0.000020) [ND(0.000020)]
Aroclor-1242		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	ND(0.000020) [ND(0.000020)]
Aroclor-1248		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	ND(0.000020) [ND(0.000020)]
Aroclor-1254		ND(0.000065)	0.000023	ND(0.000022)	ND(0.000065) [ND(0.000065)]	0.00016 [0.00018]
Aroclor-1260		ND(0.000065)	ND(0.000021)	ND(0.000022)	ND(0.000065) [ND(0.000065)]	0.000085 [0.000042]
Total PCBs		ND(0.000065)	0.000023	ND(0.000022)	ND(0.000065) [ND(0.000065)]	0.000245 [0.000222]
PCBs-Filtered						
Aroclor-1016		ND(0.000065)	ND(0.000021)	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [ND(0.000022)]
Aroclor-1221		ND(0.000065)	ND(0.000021)	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [ND(0.000022)]
Aroclor-1232		ND(0.000065)	ND(0.000021)	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [ND(0.000022)]
Aroclor-1242		ND(0.000065)	ND(0.000021)	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [ND(0.000022)]
Aroclor-1248		ND(0.000065)	ND(0.000021)	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [ND(0.000022)]
Aroclor-1254		ND(0.000065)	0.00043	ND(0.000022)	NA [ND(0.000065)]	0.000036 [0.000035]
Aroclor-1260		ND(0.000065)	0.00028	ND(0.000022)	NA [ND(0.000065)]	ND(0.000021) [0.000031]
Total PCBs		ND(0.000065)	0.00071	ND(0.000022)	NA [ND(0.000065)]	0.000036 [0.000066]

See notes on page 2.

**TABLE 4
SUMMARY OF SURFACE WATER PCB DATA - WEST BRANCH OF HOUSATONIC RIVER**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	WBSW-2 09/22/05	WBSW-3 08/15/05	WBSW-3* 09/14/05	WBSW-3 09/22/05
PCBs-Unfiltered					
Aroclor-1016		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000020)	ND(0.000022)
Aroclor-1221		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000020)	ND(0.000022)
Aroclor-1232		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000020)	ND(0.000022)
Aroclor-1242		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000020)	ND(0.000022)
Aroclor-1248		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000020)	ND(0.000022)
Aroclor-1254		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.00054	ND(0.000022)
Aroclor-1260		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.00042	ND(0.000022)
Total PCBs		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.00096	ND(0.000022)
PCBs-Filtered					
Aroclor-1016		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000022)	ND(0.000022)
Aroclor-1221		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000022)	ND(0.000022)
Aroclor-1232		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000022)	ND(0.000022)
Aroclor-1242		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000022)	ND(0.000022)
Aroclor-1248		ND(0.000022) [ND(0.000022)]	ND(0.000065)	ND(0.000022)	ND(0.000022)
Aroclor-1254		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.000074	ND(0.000022)
Aroclor-1260		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.000038	ND(0.000022)
Total PCBs		ND(0.000022) [ND(0.000022)]	ND(0.000065)	0.000112	ND(0.000022)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc. Samples collected on 8/15/05 and 9/14/05 were submitted to SGS Environmental Services, Inc. for analysis of PCBs. Samples collected on 9/22/05 were submitted to Northeast Analytical, Inc. for analysis of PCBs.
2. NA - Sample analysis not performed due to sample container broken upon receipt.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. * = The rinse blank associated with these samples, which was analyzed in unfiltered form, showed PCB detections of 0.000049 ppm Aroclor 1254 and 0.000038 ppm Aroclor 1260 for a total of 0.000087 ppm PCBs, indicating that these samples may have been affected by contamination introduced during sample collection in the field and/or sample preparation or analysis in the laboratory.

**TABLE 5
PROPOSED ADDITIONAL RIVERBANK SOIL, SEDIMENT, AND SURFACE WATER SAMPLES**

**ADDITIONAL INVESTIGATION SUMMARY REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sample ID	Deepest Depth Interval of Sampling	Total PCBs at Depth (ppm)	Additional Proposed Sample Depths	Purpose	Comments
Proposed Riverbank Soil Samples					
DARB-2	4-6'	11	6-8', 8-10'	Vertical delineation at DARB-2	Hold 8-10' samples for potential future PCB analysis pending results from 6-8' samples.
DARB-5	4-6'	2.3	6-8', 8-10'	Vertical delineation at DARB-5	
DARB-7	1-3'	12 [43]	3-4', 4-6'	Vertical delineation at DARB-7	Hold 4-6' sample for potential future PCB analysis pending results from 3-4' sample.
DARB-8	NA	NA	0-1', 1-3'	Horizontal delineation south of WB00700	--
DARB-9	NA	NA	0-1', 1-3'	Horizontal delineation south of WB00700	--
Proposed Sediment Samples					
DASED-1	0.5-1'	51	1-2', 2-3', 3-4', 4-5'	Vertical delineation at DASED-1	Hold 3-4' and 4-5' samples for potential future PCB analysis pending results of 1-2' sample.
DASED-2	2-3'	4.3	3-4', 4-5'	Vertical delineation at DASED-2	Hold 4-5' sample for potential future PCB analysis pending results of 3-4' sample.
DASED-5	0.5-1'	9.6	1-2', 2-3', 3-4', 4-5'	Vertical delineation at DASED-5	Hold 3-4' and 4-5' samples for potential future PCB analysis pending results of 1-2' sample.
DASED-6	1-2'	4.3[13]	2-3', 3-4', 4-5'	Vertical delineation at DASED-6	Hold 3-4' and 4-5' samples for potential future PCB analysis pending results of 2-3' sample.
DASED-17	1-2'	1.1	2-3', 3-4', 4-5'	Vertical delineation at DASED-17	Hold 3-4' and 4-5' samples for potential future PCB analysis pending results of 2-3' sample.
DASED-19	1-2'	1.1[1.2]	2-3', 3-4', 4-5'	Vertical delineation at DASED-19	Hold 3-4' and 4-5' samples for potential future PCB analysis pending results of 2-3' sample.
DASED-25	NA	NA	0-0.5', 0.5-1', 1-2', 2-3', 3-4', 4-5'	Horizontal delineation into river near lower bank sample WB000150LB	Hold 1-2', 2-3', 3-4', and 4-5' samples for potential future PCB analysis pending results of 0.5-1' sample.
DASED-26	NA	NA	0-0.5', 0.5-1', 1-2', 2-3', 3-4', 4-5'	Horizontal delineation into river near lower bank sample WB000300LB	Hold 1-2', 2-3', 3-4', and 4-5' samples for potential future PCB analysis pending results of 0.5-1' sample.
DASED-27	NA	NA	0-0.5', 0.5-1', 1-2', 2-3', 3-4', 4-5'	Horizontal delineation into river near lower bank sample WB000500LB	Hold 1-2', 2-3', 3-4', and 4-5' samples for potential future PCB analysis pending results of 0.5-1' sample.
Proposed Surface Water Samples					
WBSW-1	NA	NA	NA	Confirmation sampling	--
WBSW-2	NA	NA	NA		--
WBSW-3	NA	NA	NA		--

Note:

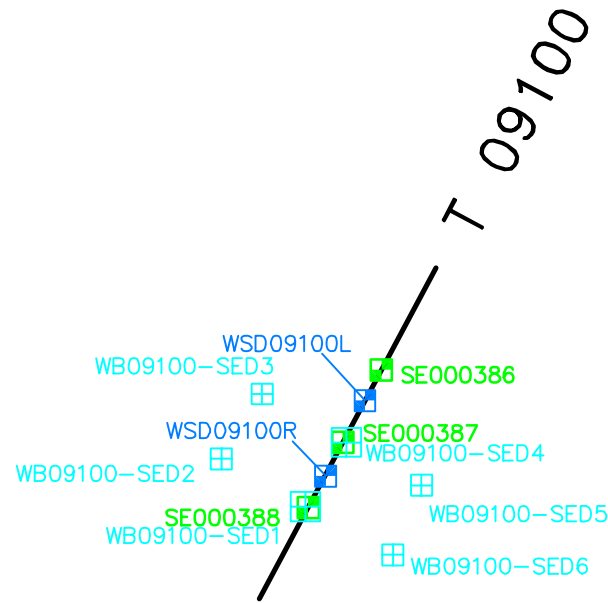
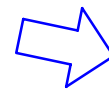
1. Field duplicate sample results are presented in brackets.
2. NA = Not Applicable.

Figures

970



- LEGEND:**
- EDGE OF WATER
 - APPROXIMATE LIMIT OF 10 YEAR FLOODPLAIN
 - PAVED ROADWAY
 - UNPAVED ROADWAY OR TRAIL
 - VEGETATION
 - INDEX ELEVATION CONTOUR
 - INTERMEDIATE ELEVATION CONTOUR
 - EPA SEDIMENT SAMPLE LOCATION (1999)
 - MDEP SEDIMENT SAMPLE LOCATION (2000)
 - GE SEDIMENT SAMPLE LOCATION (2005)



SUMMARY OF GE SEDIMENT PCB SAMPLE RESULTS (7/27/2005)

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	Depth	Total PCBs
WB09100-SED1	0-0.5	0.27
	0.5-1	0.20
	1-2	0.17
	2-3	ND(0.049)
WB09100-SED2	0-0.5	0.30
	0.5-1	0.43
	1-2	ND(0.053)
WB09100-SED3	0-0.5	0.12
	0.5-1	0.058
	1-2	ND(0.037) [0.083]
WB09100-SED4	0-0.5	ND(0.045)
	0.5-1	0.060
	1-2	0.42
WB09100-SED5	0-0.5	0.057
	0.5-1	0.032 J
	1-2	ND(0.039)
WB09100-SED6	0-0.5	0.28
	0.5-1	0.22 J
	1-2	ND(0.046) [ND(0.048)]

NOTE:

- Samples were collected by Blasland, Bouck & Lee, Inc. and were submitted to SGS Environmental Services, Inc. for analysis of PCBs.

SUMMARY OF MDEP SEDIMENT PCB SAMPLE RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	Depth	Total PCBs
WB09100L1	0-0.5	ND(0.05)
WB09100L2	0.5-1	ND(0.06)
WB09100L3	1-1.5	ND(0.06)
WB09100L4	1.5-2	ND(0.06)
WB09100L5	2-2.5	ND(0.06)
WB09100L6	2.5-3	ND(0.06)
WB09100R1	0-0.5	0.4
WB09100R2	0.5-1	ND(0.06)
WB09100R3	1-1.5	ND(0.05)
WB09100R4	1.5-2	ND(0.06)
WB09100R5	2-2.5	ND(0.05)
WB09100R6	2.5-3	ND(0.05)

NOTES:

- Samples were collected by Green Environmental and submitted for analysis of PCBs.
- The sample ID numbers on this table contain numbers corresponding to the MDEP transects shown on this figure followed by the letter L or R (designating the left or right of river, respectively, looking downstream) and then another single-digit number indicating depth (with 1 indicating the uppermost sample, with succeeding numbers indicating the next succeeding depth increments sampled).

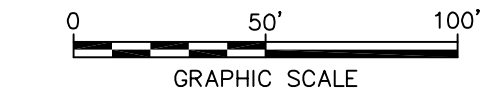
SUMMARY OF EPA SEDIMENT PCB SAMPLE RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	Depth	Total PCBs
SE000386	0-0.5	ND(0.509)
SE000387	0-0.5	ND(0.506)
SE000388	0-0.5	60.5

GENERAL NOTES FOR TABLES:

- Duplicate results are presented in brackets [].
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- ND - Analyte was not detected. The value in parenthesis is the associated detection limit.

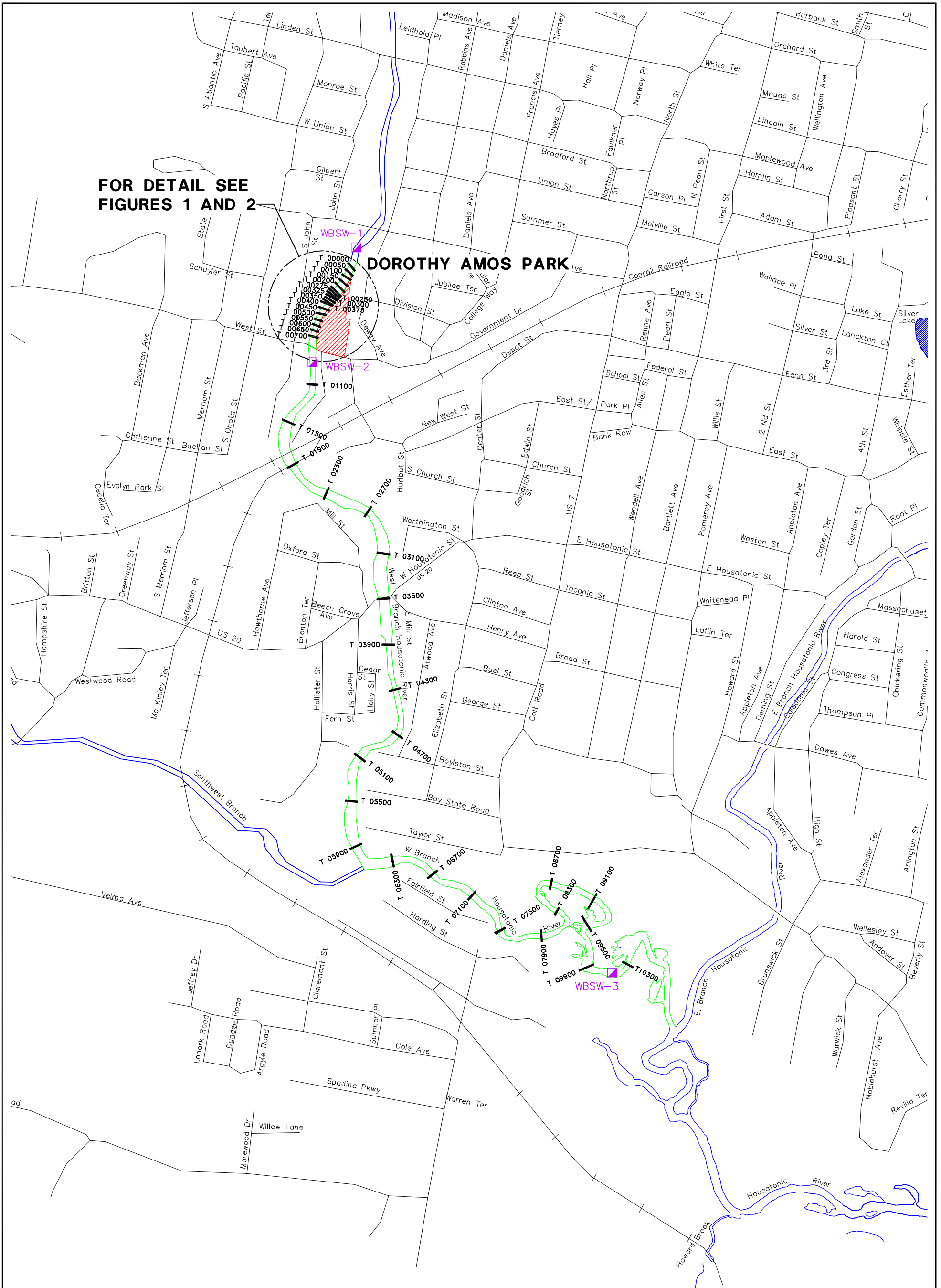


GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**WEST BRANCH OF HOUSATONIC RIVER
SCOPE OF WORK**
**SEDIMENT SAMPLE LOCATIONS
IN VICINITY OF MDEP TRANSECT
T 09100**



FOR DETAIL SEE
FIGURES 1 AND 2

DOROTHY AMOS PARK

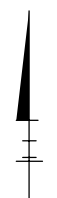


LEGEND:

- SURFACE WATER SAMPLE LOCATION
- MDEP TRANSECT
- SITE LIMITS

NOTE:

1. BASE MAP FROM MASS GIS AND 1990 PHOTOGRAMMETRIC MAPPING BY BBL INC.



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**WEST BRANCH OF HOUSATONIC RIVER
SCOPE OF WORK**

**SURFACE WATER SAMPLE
LOCATIONS AND MDEP TRANSECTS**

