



01-0603

SDMS # 44867

Corporate Environmental Programs
General Electric Company
100 Woodlawn Avenue, Pittsfield, MA 01201

Transmitted Via Overnight Delivery

July 1, 2003

Mr. Bryan Olson
EPA Project Coordinator
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

**Re: GE-Pittsfield/Housatonic River Site
Floodplain Residential and Non-Residential Properties Adjacent to the 1½ Mile
Reach of Housatonic River (GEC710 and GEC720)
Sampling Summary Letter Report for Phase 2 Floodplain Properties**

Dear Mr. Olson:

In January 2002, the General Electric Company (GE) submitted to the U.S. Environmental Protection Agency (EPA) a document titled *Pre-Design Investigation Work Plan for Floodplain Properties Adjacent to the 1½ Mile Reach of the Housatonic River* (PDI Work Plan). That document was prepared in accordance with the Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site (the Site) and the accompanying *Statement of Work for Removal Actions Outside the River* (SOW). The PDI Work Plan proposed initial pre-design soil investigations, focused on polychlorinated biphenyls (PCBs), for two of the Removal Action Areas (RAAs) within the Site: 1) Floodplain Current Residential Properties Adjacent to 1½ Mile Reach - Actual/Potential Lawns; and 2) Floodplain Non-Residential Areas Adjacent to 1½ Mile Reach (excluding banks) (henceforth referred to jointly as the 1½ Mile Floodplain RAAs). That Work Plan proposed to conduct those pre-design investigations in phases, corresponding approximately to the ongoing work being conducted by EPA to address sediments and bank soils for the Housatonic River as part of the 1½ Mile Reach Removal Action. This letter relates to the floodplain properties in Phase 2, Group 2 (hereinafter "Phase 2") of the 1½ Mile Floodplain RAAs (i.e., those located between Elm Street and Dawes Avenue), which are shown on Figure 1.

Following submittal of the PDI Work Plan, GE determined that some of the data presented in that Work Plan relating to the Phase 2 properties did not accurately reflect the actual soil removal activities previously performed at certain floodplain properties within that phase. Thus, in a letter dated March 11, 2003, GE provided a revised Table 4-3 from the PDI Work Plan to EPA. Following a March 20, 2003 meeting with GE, EPA issued a letter dated April 9, 2003 conditionally approving the pre-design investigations proposed in the PDI Work Plan for the Phase 2 properties. In that letter, EPA directed that GE submit (within 7 days) a letter addressing the conditions in EPA's April 9 letter, including the proposed additional sampling activities and a proposed sampling schedule.

By letter of April 16, 2003, GE addressed the conditions in EPA's April 9, 2003 conditional approval letter and presented a proposed schedule for the performance of initial pre-design investigations at these properties. EPA approved GE's April 16, 2003 letter by letter of April 24, 2003. The approved initial pre-design investigations consisted of soil sampling for PCBs at several locations at four (4) properties, as

well as screening-level sampling at three locations on two previously remediated properties (Parcels I8-4-2, -3, & -4 and Parcel I8-4-101) for the non-PCB constituents listed in Appendix IX of 40 CFR 264, plus benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3), excluding pesticides and herbicides.

GE requested access permission for sampling at the properties subject to these pre-design investigations, and it obtained such permission for all such properties except Parcel I8-4-101, at which access permission has still not yet been obtained from the property owner. For the properties for which access permissions was received, GE completed the pre-design soil investigations between May 22 and 27, 2003.

This letter presents the results of those pre-design soil investigations and includes several tables and figures that summarize the pre-design soils data resulting from the recent sampling activities. It also presents an assessment of the need for and scope of additional soil sampling for PCBs and non-PCB Appendix IX+3 constituents at these Phase 2 properties, and proposes a schedule for future activities related to these properties.

A. Summary of Pre-Design Sampling and Analysis Activities

As shown on Figure 1, the Phase 2 properties in the 1½ Mile Floodplain RAAs consist of one group of contiguous properties – Parcel I8-4-6, Parcels I8-4-201 and I8-4-202 (which together were formerly Parcel I8-4-5), Parcels I8-4-2, -3, & -4 (which comprise one commonly owned property), Parcel I8-4-101, and Parcel I8-4-7. All properties within this group are residential except for Parcel I8-4-7, which is considered a recreational property.

The pre-design soil investigations at these properties were performed to supplement sampling and analysis previously performed by GE (between June 1995 and July 1996) and EPA (between November 1998 and January 1999). These investigations were conducted in accordance with the PDI Work Plan and GE's April 16, 2003 response to EPA comments, as conditionally approved by EPA (April 9 and 24, 2003 conditional approval letters, respectively). The pre-design investigations (including sample collection and survey activities) were performed on behalf of GE by Blasland, Bouck & Lee, Inc. (BBL), while analytical services were provided by CT&E Environmental Services, Inc. All field and analytical activities conducted were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). During the performance of these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA.

Soil samples collected for PCB analysis were analyzed for Aroclor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis with a detection limit of approximately 0.05 parts per million (ppm) for all Aroclors. Select soil samples were also analyzed for other Appendix IX+3 constituents (excluding pesticides and herbicides) utilizing methods and reporting limits consistent with those presented in the FSP/QAPP. This pre-design soil sampling effort involved the collection and analysis of approximately 54 soil samples from 27 locations. The locations and results of the soil samples collected during the pre-design investigations at the Phase 2 properties, along with the prior soil sampling locations and results, are shown on Figure 2 (for Parcel I8-4-6), Figure 3 (for Parcels I8-4-201 and I8-4-202), Figure 4 (for Parcels I8-4-2, -3, & -4), Figure 5 (for Parcel I8-4-101, which, as noted above, does not have any new data due to lack of access), and Figure 6 (for Parcel I8-4-7). Soil boring logs are presented in Appendix A.

B. Summary of Pre-Design Soil Data

The analytical results for PCBs and other Appendix IX+3 constituents from the soil samples collected during the recent pre-design investigations are summarized on Tables 1 and 2, respectively. Please note that Table 2 presents only those Appendix IX+3 results for constituents that were detected in one or more samples. A complete listing of the Appendix IX+3 laboratory results will be included in a forthcoming Pre-Design Investigation Report for the Phase 2 properties (further discussed in Section D).

Additionally, at this time, complete analytical laboratory packages have not been received, and thus a data quality assessment consistent with the procedures outlined in the FSP/QAPP has not yet been performed. As a result, the data presented in this letter are preliminary and subject to verification. Following receipt of complete analytical laboratory data packages, a data quality assessment will be performed and the results presented in a forthcoming Pre-Design Investigation Report. Although the data are preliminary at this time, GE does not anticipate any of the results will be deemed unusable for future remedial evaluation purposes, based on past and recent experience related to overall PCB data quality.

C. Assessment of Potential Data Needs

Review of the results from the pre-design soil investigations at the Phase 2 properties, together with review of the prior data and a comparison between the proposed pre-design activities and those completed to date, indicate that the only remaining pre-design data needs consist of completion of the proposed investigations at Parcel I8-4-101 (where access permission has not yet been obtained). Apart from completing those investigations, GE has not identified the need for any additional pre-design sampling at these properties, as discussed below.

With respect to PCBs, the recent data supplement a fairly extensive prior data set that was (for certain properties) previously used to evaluate and serve as the basis for the performance of remedial actions performed in 1995 and 1996. The recent data along with those prior data appear to be sufficient to support future removal design/removal action (RD/RA) evaluations (discussed in Part D below). The PCB results from the most recent soil samples (54 samples), presented in Table 1, are relatively low, ranging from non-detect to 6.1 parts per million (ppm), with two exceptions – 50 ppm and 35 ppm detected in surface samples 2-SS-12 and 2-SS-8, respectively. The overall arithmetic average PCB concentration of these sample results is 2.26 ppm. Note also that the two maximum PCB results of 50 ppm and 35 ppm were detected in samples located on or very near the riverbank and will likely be addressed by EPA, at least in part, as part of its future actions related to the bank soils in the 1½ Mile Reach of the river. Based on review of these data, it does not appear likely that significant remedial actions will be needed to address PCBs in soils at these parcels, and the available data should be sufficient to evaluate the need for such remediation.

Concerning other Appendix IX+3 constituents, the sampling proposed by GE and approved by EPA was designed as a screening-level investigation at two previously remediated properties (Parcels I8-4-2, -3, & -4 and Parcel I8-4-101) to assess the need for additional Appendix IX+3 sampling at those properties. The scope of this sampling involved the collection of samples from locations identified by EPA in areas where elevated levels of PCBs had previously been detected and at depths that had not been previously remediated. Although only two of the three proposed samples have been collected thus far (since the remaining sample location is within Parcel I8-4-101), the preliminary results indicate that non-PCB Appendix IX+3 constituents in soil are not a concern and do not warrant further investigation. This is based not only on the nature of the sampling (discussed above), but also the analytical results from these samples (Table 2). Specifically, only one constituent (arsenic) was detected at a concentration exceeding the EPA Region 9 Preliminary Remediation Goals (PRGs) for residential soils (Exhibit F-1 of Attachment

F to the SOW). However, for this constituent, the sample results are well below the Massachusetts Contingency Plan (MCP) Method 1 S-1 soil standard for arsenic (30 ppm). Thus, the Appendix IX+3 results from Parcels I8-4-2, -3, & -4 do not indicate any exceedances of the applicable standards; and as such, in accordance with GE's April 16, 2003 proposal, no additional Appendix IX+3 sampling at that property is necessary. Further, with respect to the other properties in Phase 2 (apart from Parcel I8-4-101), based on review of the PCB data discussed above, as well as the Appendix IX+3 data from Parcels I8-4-2, -3, & -4, GE does not believe that there is any need at this time for Appendix IX+3 sampling at those properties.

D. Future Activities and Schedule

As discussed above, review of the available information indicates that the only remaining pre-design data need at the Phase 2 properties consists of completion of the proposed investigations at Parcel I8-4-101 (where access permission has not yet been obtained). GE will continue its efforts to obtain access at Parcel I8-4-101 and will complete those investigations promptly after obtaining access. Once sampling and analysis activities are performed at Parcel I8-4-101 and complete analytical laboratory packages have been received, a data quality assessment will be performed. GE will present the results of the data quality assessment, including a complete listing of the Appendix IX+3 laboratory results, in a Pre-Design Investigation Report for the Phase 2 properties. That report will also include an evaluation of the need for remediation to address PCBs in soil at these properties and a confirmatory assessment regarding the need for additional soil sampling for non-PCB Appendix IX+3 constituents at these properties.

GE proposes to submit that Pre-Design Investigation Report for the Phase 2 properties within 90 days after receiving access permission for Parcel I8-4-101.

Please contact Dick Gates or me with any questions.

Sincerely,



Andrew T. Silber, P.E.
GE Project Coordinator

JJL/csc

Enclosure

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Property Owner - Parcel I8-4-2, -3, -4
Property Owner - Parcel I8-4-101
Property Owner - Parcel I8-4-201/202
Property Owner - Parcel I8-4-6
Property Owner - Parcel I8-4-7
Public Information Repositories
GE Internal Repository

Tables

TABLE 1
SUMMARY OF PRE-DESIGN PCB SOIL INVESTIGATIONS

SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH
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, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Surface/Near-Surface Samples						
2-SS-1	0-1	5/15/2003	ND(0.040)	ND(0.040)	0.51	0.51
2-SS-2	0-1	5/15/2003	ND(0.044)	ND(0.044)	0.040 J	0.040 J
2-SS-3	0-1	5/15/2003	ND(0.041)	ND(0.041)	1.2	1.2
2-SS-4	0-1	5/15/2003	ND(0.042)	ND(0.042)	0.43	0.43
2-SS-5	0-1	5/15/2003	ND(0.039)	ND(0.039)	0.036 J	0.036 J
2-SS-6	0-1	5/15/2003	ND(0.040)	0.089	0.055	0.144
2-SS-7	0-1	5/15/2003	ND(0.20) [ND(0.44)]	2.0 [ND(0.44)]	2.0 [3.2]	4.0 [3.2]
2-SS-8	0-1	5/15/2003	ND(2.1)	15	20	35
2-SS-9	0-1	5/15/2003	ND(0.040)	ND(0.040)	0.032 J	0.032 J
2-SS-10	0-1	5/15/2003	ND(0.039)	ND(0.039)	0.12	0.12
2-SS-11	0-1	5/15/2003	ND(0.040)	0.072	0.14	0.212
2-SS-12	0-1	5/15/2003	ND(3.9)	ND(3.9)	50	50
Soil Boring Samples						
2-SB-1	0-1	5/22/2003	ND(0.040)	0.76	0.43	1.19
	1-3	5/22/2003	ND(0.41)	2.4	3.0	5.4
	3-5	5/22/2003	ND(0.048)	0.22	0.22	0.44
	5-7	5/22/2003	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)
2-SB-2	0-1	5/22/2003	ND(0.040)	0.025 J	0.035 J	0.060 J
	1-3	5/22/2003	ND(0.041)	0.23	0.16	0.39
	3-5	5/22/2003	ND(0.049)	ND(0.049)	0.16	0.16
	5-7	5/22/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
2-SB-3	0-1	5/22/2003	ND(0.44)	ND(0.44)	6.1	6.1
	1-3	5/22/2003	ND(0.041)	ND(0.041)	0.18	0.18
	3-5	5/22/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
2-SB-4	0-1	5/23/2003	ND(0.043)	ND(0.043)	0.44	0.44
	1-3	5/23/2003	ND(0.045)	ND(0.045)	0.10	0.10
	3-5	5/23/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
2-SB-5	0-1	5/23/2003	ND(0.20)	0.93	1.4	2.33
	1-3	5/23/2003	ND(0.21) [ND(0.041)]	0.88 [0.79]	1.4 [1.0]	2.28 [1.79]
	3-5	5/23/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
2-SB-6	0-1	5/23/2003	ND(0.043)	0.23	0.26	0.49
	1-3	5/23/2003	ND(0.045)	0.037 J	0.031 J	0.068 J
	3-5	5/23/2003	ND(0.039)	0.032 J	ND(0.039)	0.032 J
2-SB-7	3-6	5/23/2003	ND(0.42)	ND(0.42)	3.7	3.7
	6-10	5/23/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
2-SB-8	3-6	5/27/2003	ND(0.039)	ND(0.039)	0.063	0.063
	6-10	5/27/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	5/27/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
2-SB-9	3-6	5/27/2003	ND(0.040)	ND(0.040)	0.074	0.074
	6-10	5/27/2003	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]
	10-15	5/27/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
2-SB-10	3-6	5/27/2003	ND(0.38)	ND(0.38)	4.4	4.4
	6-10	5/27/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
2-SB-11	3-6	5/27/2003	ND(0.036)	ND(0.036)	0.078	0.078
	6-10	5/27/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-12	5/27/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
2-SB-13	3-5	5/27/2003	ND(0.061)	ND(0.061)	0.097	0.097
	5-7	5/27/2003	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
2-SB-14	5-7	5/23/2003	ND(0.038)	0.027 J	ND(0.038)	0.027 J
	7-9	5/23/2003	ND(0.037)	0.039	ND(0.037)	0.039
2-SB-15	4-6	5/23/2003	ND(0.038)	0.032 J	ND(0.038)	0.032 J
	6-8	5/23/2003	ND(0.043)	0.053	ND(0.043)	0.053
2-SB-16	0-1	5/23/2003	ND(0.19)	ND(0.19)	2.0	2.0
	1-3	5/23/2003	ND(0.040)	0.099	0.12	0.219
	3-5	5/23/2003	ND(0.040)	0.027 J	ND(0.040)	0.027 J

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses 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 PRE-DESIGN APPENDIX IX+3 SOIL INVESTIGATIONS

SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	MCP RCS-1 Reportable Concentrations	2-SB-14 5-7 05/23/03	2-SB-15 4-6 05/23/03
Volatile Organics				
None Detected		--	--	--
Semivolatile Organics				
None Detected		--	--	--
Furans				
2,3,7,8-TCDF		Not Listed	ND(0.0000014)	ND(0.0000013) [ND(0.0000013)]
TCDFs (total)		Not Listed	ND(0.0000014)	ND(0.0000013) [ND(0.0000013)]
1,2,3,7,8-PeCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [0.0000014 J]
2,3,4,7,8-PeCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000011) X]
PeCDFs (total)		Not Listed	ND(0.0000028)	0.0000013 [0.0000014]
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000017) X]
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [0.0000015 J]
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000024) X]
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000015) X]
HxCDFs (total)		Not Listed	ND(0.0000028)	ND(0.0000028) [0.0000015]
1,2,3,4,6,7,8-HpCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000033) X]
1,2,3,4,7,8,9-HpCDF		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000030)]
HpCDFs (total)		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000030)]
OCDF		Not Listed	ND(0.0000055)	ND(0.0000060) [ND(0.0000052) X]
Dioxins				
2,3,7,8-TCDD		0.000004	ND(0.0000019)	ND(0.0000017) [ND(0.0000018)]
TCDDs (total)		Not Listed	ND(0.0000022)	ND(0.0000024) [ND(0.0000024)]
1,2,3,7,8-PeCDD		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000030)]
PeCDDs (total)		Not Listed	ND(0.0000033)	ND(0.0000037) [ND(0.0000039)]
1,2,3,4,7,8-HxCDD		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000030)]
1,2,3,6,7,8-HxCDD		Not Listed	ND(0.0000028)	ND(0.0000028) [ND(0.0000030)]
1,2,3,7,8,9-HxCDD		Not Listed	ND(0.0000028)	ND(0.0000028) [0.0000020 J]
HxCDDs (total)		Not Listed	ND(0.0000028)	ND(0.0000046) [0.0000020]
1,2,3,4,6,7,8-HpCDD		Not Listed	ND(0.0000028)	0.0000019 J [ND(0.0000032) X]
HpCDDs (total)		Not Listed	ND(0.0000028)	0.0000019 [ND(0.0000031)]
OCDD		Not Listed	ND(0.000011) X	0.000011 J [ND(0.000012) X]
Total TEQs (WHO TEFs)		Not Applicable	0.0000042	0.0000041 [0.0000038]
Inorganics				
Antimony		10	0.820 B	1.50 B [ND(6.00)]
Arsenic		30	8.80	7.10 [8.20]
Barium		1000	40.0	42.0 [40.0]
Beryllium		0.7	0.450 B	0.430 B [0.480 B]
Cadmium		30	0.240 B	0.140 B [0.140 B]
Chromium		1000	9.40	9.60 [10.0]
Cobalt		500	15.0	13.0 [15.0]
Copper		1000	28.0	15.0 [25.0]
Cyanide		100	ND(0.460)	0.0570 B [0.0440 B]
Lead		300	12.0	8.60 [9.40]
Mercury		20	0.0280 B	0.0530 B [0.0740 B]
Nickel		300	26.0	20.0 [27.0]
Selenium		400	ND(1.00)	1.10 [ND(1.00)]
Silver		100	0.140 B	0.160 B [0.180 B]
Sulfide		Not Listed	40.0	7.40 [7.90]
Thallium		8	ND(1.10)	1.40 [ND(1.20)]
Tin		Not Listed	3.00 B	4.60 B [4.00 B]
Vanadium		400	8.20	9.40 [8.70]
Zinc		2500	79.0	89.0 [82.0]

TABLE 2
SUMMARY OF PRE-DESIGN APPENDIX IX+3 SOIL INVESTIGATIONS

SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX + 3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
4. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

X - Estimated maximum possible concentration.

Inorganics

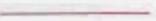
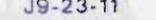
B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

Figures

GROUP 2



LEGEND

-  10 YEAR FLOODPLAIN
-  EDGE OF WATER
-  PAVED ROADWAY
-  UNPAVED ROADWAY OR TRAIL
-  RAILROAD
-  VEGETATION
-  PROPERTY BOUNDARY
-  PROPERTY ID
-  J9-23-11
-  1 1/2 MILE REACH
-  RESIDENTIAL FLOODPLAIN PROPERTIES - ACTUAL/POTENTIAL LAWN AREA, AS DESIGNATED IN SOW
-  NON-RESIDENTIAL/NON-COMMERCIAL FLOODPLAIN PROPERTIES - NON-BANK AREA, AS DESIGNATED IN SOW

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
3. THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
4. FORMER TAX PARCEL 18-4-5 HAS BEEN DIVIDED INTO TWO PARCELS, 18-4-201 AND 18-4-202, THE CONFIGURATION OF WHICH IS CURRENTLY UNAVAILABLE FROM THE CITY OF PITTSFIELD ASSESSORS' OFFICE.



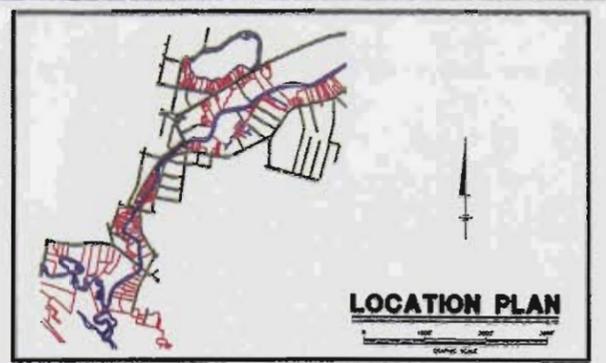
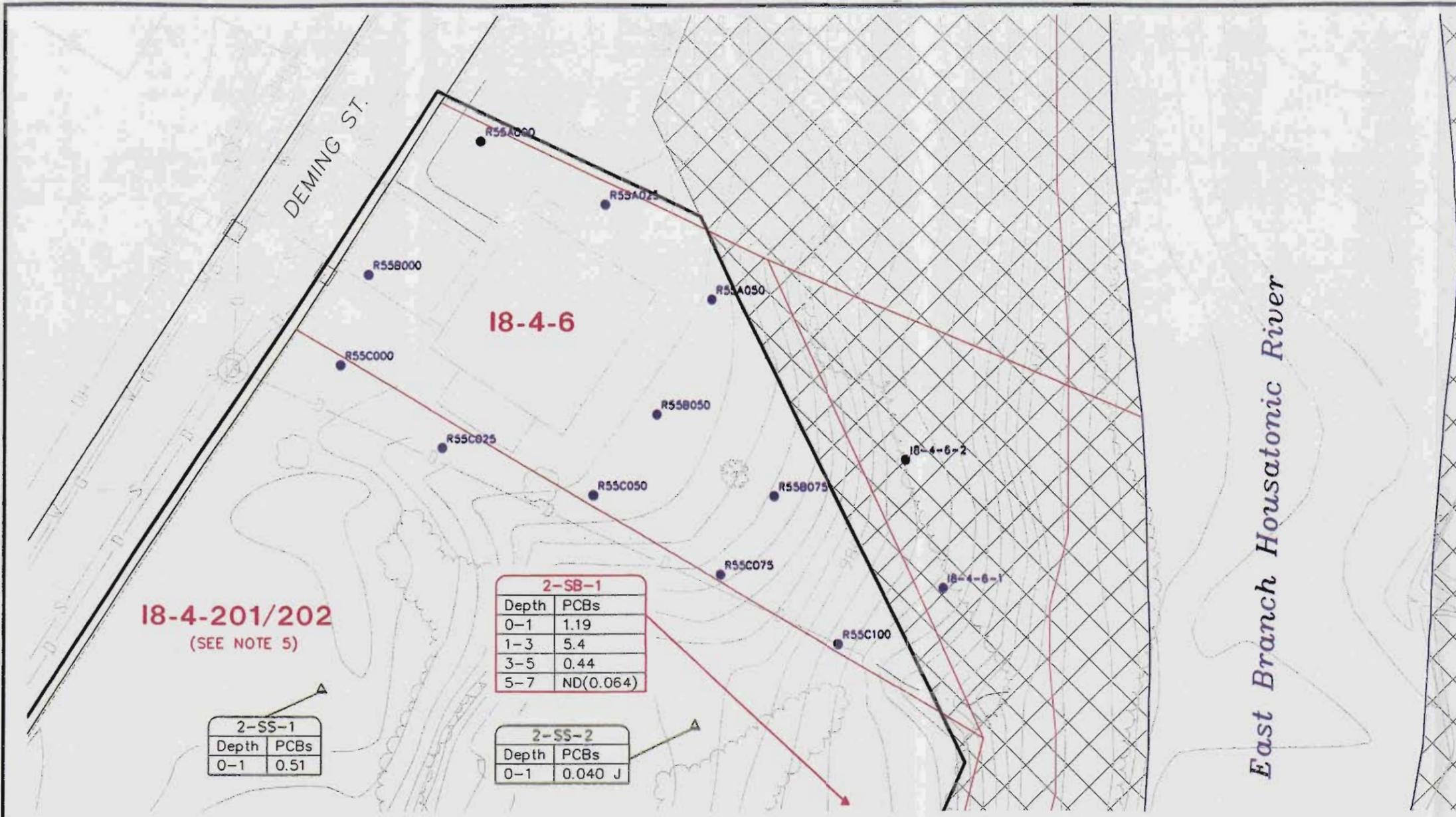
GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
 SAMPLING SUMMARY LETTER REPORT FOR
 PHASE 2 FLOODPLAIN PROPERTIES
 ADJACENT TO THE 1 1/2 MILE REACH

**PHASE 2, GROUP 2
 FLOODPLAIN PROPERTIES**



FIGURE
1

X: 101x1x02, 101x2x02, 101CLX01, 101x2x3A, 101x1x3A
 L: ON=*.DFF=*.REF, *FLOOD, *MAP-255
 P: PAGESET-DL, DL2B
 S: 3/30/03 SVR-54-YCC NES LAF
 C: /40122001/2003/40122001.DWG



LEGEND

- 10 YEAR FLOODPLAIN
- APPROXIMATE PARCEL BOUNDARY
- FENCELINE
- 18-4-6** RESIDENTIAL PROPERTY PARCEL ID
- R54A050 EXISTING SOIL BORING LOCATION
- 2-SS-1 PRE-DESIGN SURFACE SOIL SAMPLE LOCATION
- 2-SB-1 PRE-DESIGN SOIL BORING LOCATION
- BOUNDARY OF FLOODPLAIN PROPERTIES DESIGNATED IN SOW (FOR GROUP 2).
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL ACTION

- NOTES TO FIGURE:**
- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM PHASEIBASE.DWG BY WESTON SOLUTIONS FOR THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED 1/15/03.
 - PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
 - THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
 - PCB CONCENTRATIONS ARE REPORTED AS DRY WEIGHT PARTS PER MILLION, PPM.
 - FORMER TAX PARCEL 18-4-5 HAS BEEN DIVIDED INTO TWO PARCELS, 18-4-201 AND 18-4-202, THE CONFIGURATION OF WHICH IS CURRENTLY UNAVAILABLE FROM THE CITY OF PITTSFIELD ASSESSOR'S OFFICE.

18-4-201/202
(SEE NOTE 5)

2-SB-1

Depth	PCBs
0-1	1.19
1-3	5.4
3-5	0.44
5-7	ND(0.064)

2-SS-1

Depth	PCBs
0-1	0.51

2-SS-2

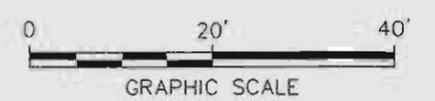
Depth	PCBs
0-1	0.040 J

SUMMARY OF EXISTING PCB SOIL SAMPLE RESULTS
(RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
(SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

Sample ID	EPA SAMPLE RESULTS			
	0-0.5	0.5-1	1-1.5	1.5-2
R55A000	0.4J	ND(0.6)	ND(0.5)	ND(0.6)
R55A025	0.12[ND(0.5)]	ND(0.5)	ND(0.6)	ND(0.7)
R55A050	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.5)
R55B000	0.3J	ND(0.11)[ND(0.5)]	ND(0.5)	ND(0.5)
R55B050	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.7)
R55B075	ND(0.7)	ND(0.6)	ND(0.11)[ND(0.5)]	0.2J
R55C000	ND(0.6)	0.2J	ND(0.5)	ND(0.5)
R55C025	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.1)[ND(0.5)]
R55C050	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.7)
R55C075	ND(0.13)[ND(0.6)]	ND(0.5)	ND(0.5)	0.3J
R55C100	ND(0.5)	---	---	---

Sample ID	GE SAMPLE RESULTS	
	0-0.5	0.5-1
18-4-6-1	ND(0.1)	---
18-4-6-2	ND(0.1)[ND(0.1)]	---

- Notes to Tables:
- A. Sample data obtained from EPA database titled 040403_usepa_hr_dbasel.mdb and GE database titled hr040903.mdb.
 - B. J - Indicates estimated value less than the CLP-required quantitation limit.
 - C. --- - Indicates sample interval was not analyzed.
 - D. Duplicate results presented in brackets.

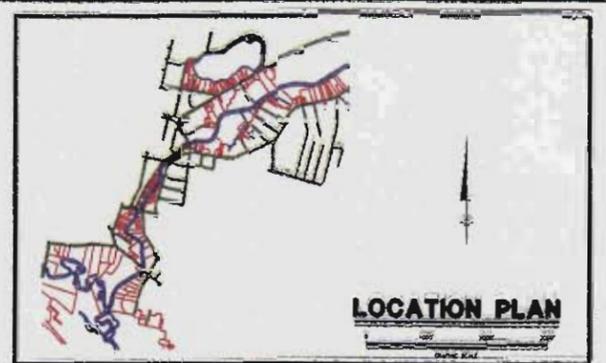
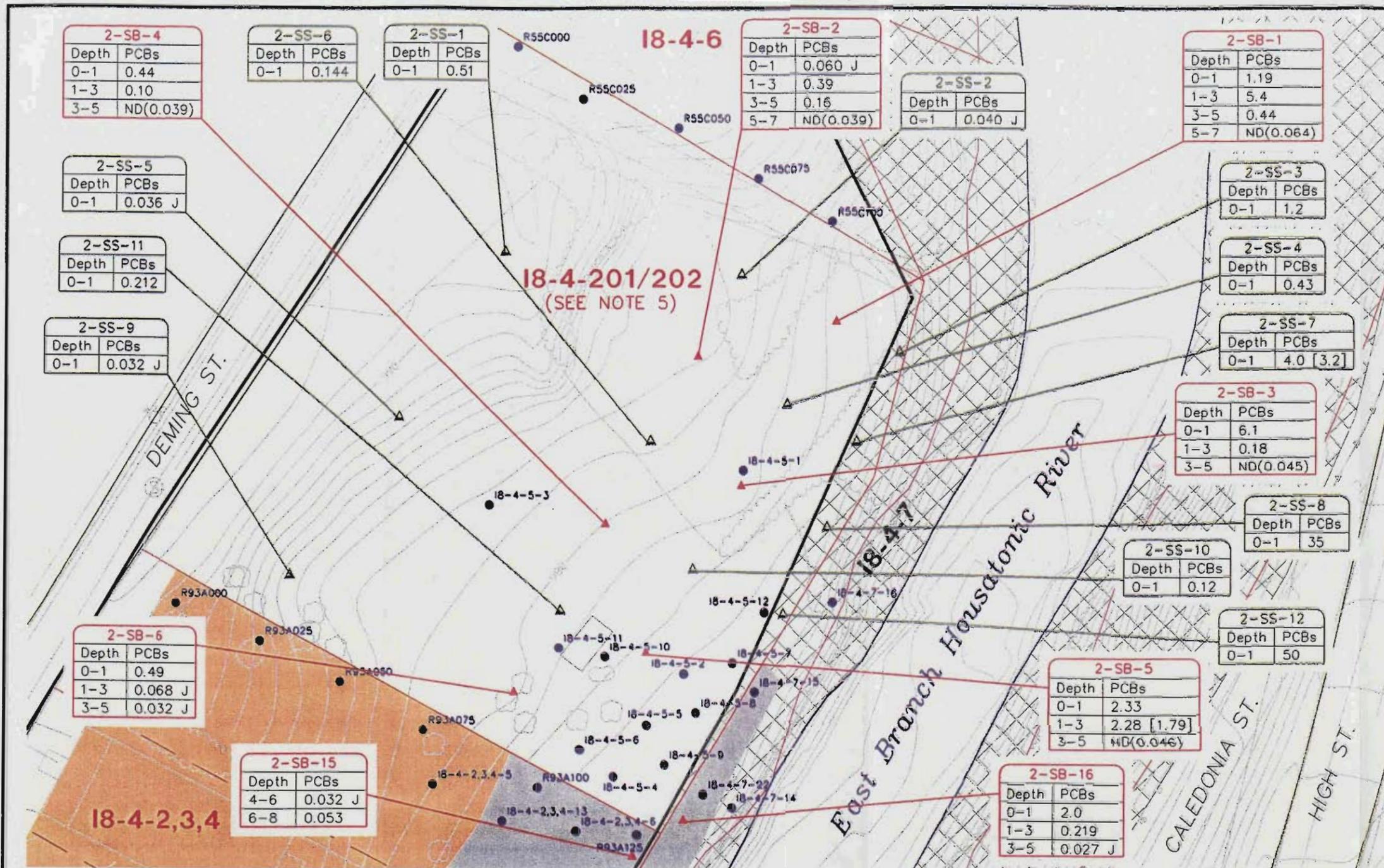


GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES
ADJACENT TO THE 1 1/2 MILE REACH

**SUMMARY OF SOIL SAMPLING LOCATIONS
FOR PHASE 2, GROUP 2
18-4-6**



X: 40122X02,40122X03.DWG
L: ON= OFF=REF=
P: PAGESET/PLT-BL
6/30/03 SYR-86-NES LAF
C/40122003/40122G08.DWG



LEGEND

- 10 YEAR FLOODPLAIN
- APPROXIMATE PARCEL BOUNDARY
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- FENCELINE
- RESIDENTIAL PROPERTY PARCEL ID
- NON-RESIDENTIAL PROPERTY PARCEL ID
- EXISTING SOIL BORING LOCATION
- PRE-DESIGN SURFACE SOIL SAMPLE LOCATION
- PRE-DESIGN SOIL BORING LOCATION
- BOUNDARY OF FLOODPLAIN PROPERTIES DESIGNATED IN SOW (FOR GROUP 2)
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL ACTION
- AREA OF PRIOR EXCAVATION (TO DEPTHS RANGING BETWEEN 0.5 AND 4.5 FEET)
- PROPERTY PREVIOUSLY REMEDIATED; CLASS A RAO ACHIEVED

- NOTES TO FIGURE:**
- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM PHASEIBASE.DWG BY WESTON SOLUTIONS FOR THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED 1/15/03.
 - PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
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 - PCB CONCENTRATIONS ARE REPORTED AS DRY WEIGHT PARTS PER MILLION, PPM.
 - FORMER TAX PARCEL 18-4-5 HAS BEEN DIVIDED INTO TWO PARCELS, 18-4-201 AND 18-4-202. THE CONFIGURATION OF WHICH IS CURRENTLY UNAVAILABLE FROM THE CITY OF PITTSFIELD ASSESSOR'S OFFICE.

SUMMARY OF EXISTING PCB SOIL SAMPLE RESULTS
 (RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
 (SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3	3-3.5	3.5-4	4-4.5	4.5-5
18-4-5-1	0.48	0.63	---	---	---	---	---	---	---	---
18-4-5-2	0.13	0.61	---	---	---	---	---	---	---	---
18-4-5-3	0.19	0.28	---	---	---	---	---	---	---	---
18-4-5-4	11.4(12.7)	10.7	0.28(1)	22.1	1.34	ND(0.1)	---	---	---	---
18-4-5-5	0.343	0.266	---	---	---	---	---	---	---	---
18-4-5-6	6.62(6.7)	0.909	0.292	---	---	---	---	---	---	---
18-4-5-7	3.08	7.55	6.26	0.787	5.04	ND(0.1)	---	---	---	---
18-4-5-8	11.3(17.7)	1.37	0.148	0.258	---	---	---	---	---	---
18-4-5-9	1.59	5.28	0.773	0.512	---	---	---	---	---	---
18-4-5-10	0.102(0.274)	ND(0.1)	---	---	---	---	---	---	---	---
18-4-5-11	ND(0.1)	ND(0.1)	---	---	---	---	---	---	---	---
18-4-5-12	0.498	2.19	2.43	0.413	0.629	---	---	---	---	---
18-4-2,3,4-5	0.716	0.462	0.349	0.146	---	---	---	---	---	---
18-4-2,3,4-6	**	**	**	**	**	4.64	8.2	1.3	0.129	0.594
18-4-2,3,4-13	**	**	ND(0.1)	ND(0.1)	---	---	---	---	---	---
18-4-7-14	3.14	2.52	2.49	4.66	0.925	1.54	---	---	---	---
18-4-7-15	**	**	11.4	3.92	7.69	6.24	---	---	---	---
18-4-7-16	2.75	7.57	5.08	1.47(1.81)	1.22	0.324	---	---	---	---
18-4-7-22	**	**	**	**	700	6.8	---	---	---	---

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2
R55C000	ND(0.6)	0.2J	ND(0.5)	ND(0.5)
R55C025	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)
R55C050	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.7)
R55C075	ND(0.13)(0.6)	ND(0.5)	ND(0.5)	0.3J
R55C100	ND(0.5)	---	---	---
R93A000	ND(0.5)	ND(0.6)	ND(0.7)	ND(0.5)
R93A025	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R93A050	ND(0.5)	ND(0.6)	ND(0.6)	ND(0.5)
R93A075	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.6)
R93A100	0.7J	0.5J	ND(0.7)	ND(0.6)
R93A125	0.097(0.2J)	ND(0.5)	ND(0.5)	ND(0.5)

- Notes to Tables:
- Sample data obtained from EPA database titled 040403_usepo_hr_dbasef.mdb and GE database titled hr040903.mdb.
 - J - Indicates estimated value less than the CLP-required quantitation limit.
 - - Indicates sample interval was not analyzed.
 - Duplicate results presented in brackets.
 - ** - Soil was removed at this depth and clean backfill was placed at these locations.

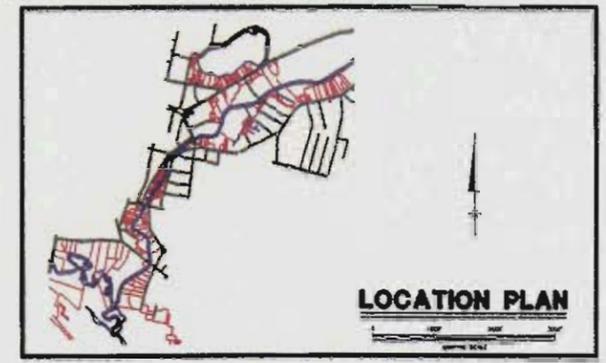
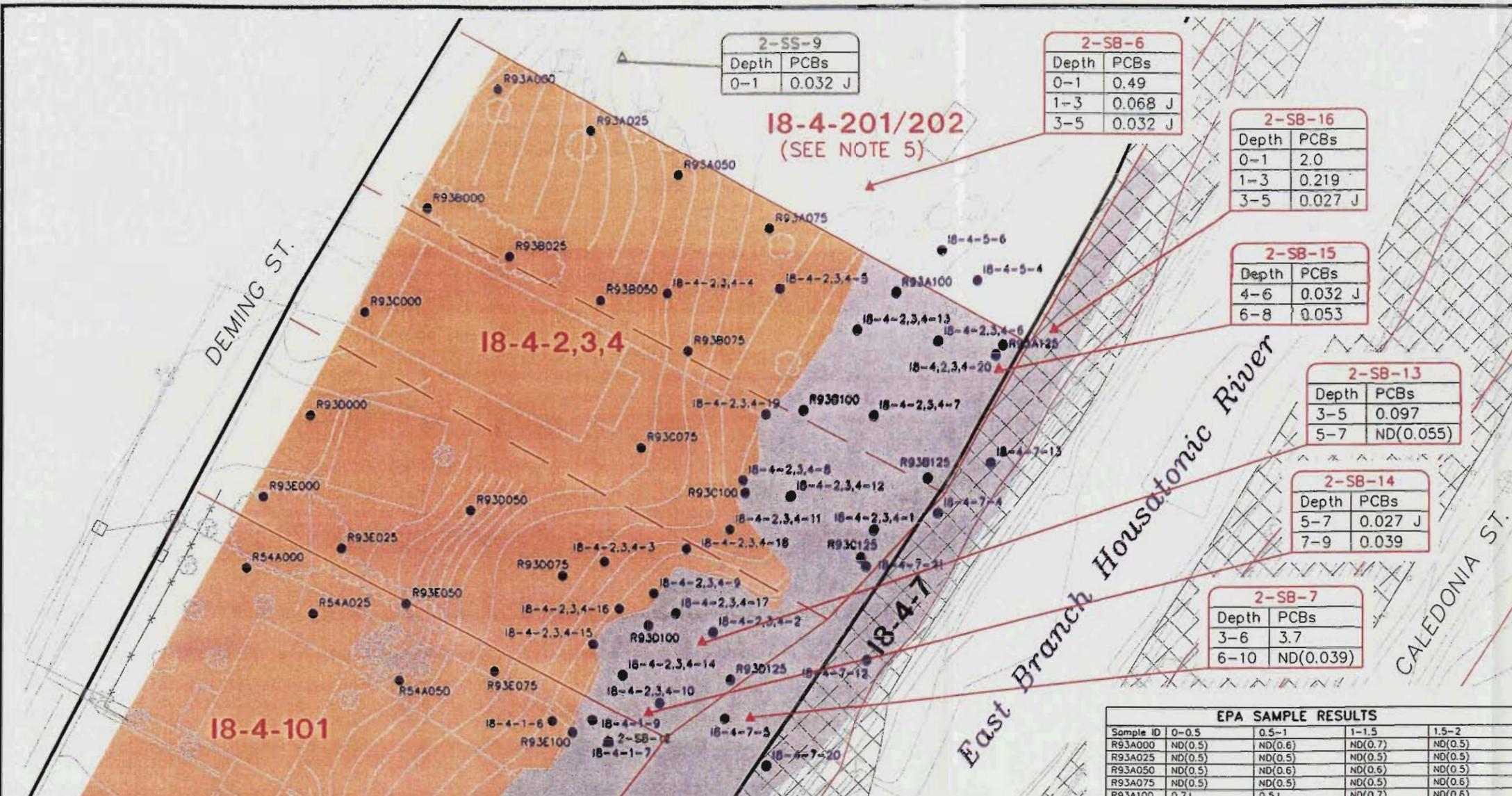


GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
 SAMPLING SUMMARY LETTER REPORT FOR
 PHASE 2 FLOODPLAIN PROPERTIES
 ADJACENT TO THE 1 1/2 MILE REACH

**SUMMARY OF SOIL SAMPLING LOCATIONS
 FOR PHASE 2, GROUP 2
 18-4-201/202**



X: 40122X02,40122X03.DWG
 L: 05-01-03 OFF=RET*
 P: PAGESET/PLT=BL
 6/30/03 SVR=BS-NES LAF
 C:40122003/40122009.DWG



LEGEND

- 10 YEAR FLOODPLAIN
- APPROXIMATE PARCEL BOUNDARY
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- FENCELINE
- RESIDENTIAL PROPERTY PARCEL ID
- NON-RESIDENTIAL PROPERTY PARCEL ID
- EXISTING SOIL BORING LOCATION
- PRE-DESIGN SURFACE SOIL SAMPLE LOCATION
- PRE-DESIGN SOIL BORING LOCATION
- PROPOSED PCB AND APPENDIX IX+3 SOIL BORING LOCATION (PENDING ACCESS)
- BOUNDARY OF FLOODPLAIN PROPERTIES DESIGNATED IN SOW (FOR GROUP 2)
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL ACTION
- AREA OF PRIOR EXCAVATION (TO DEPTHS RANGING BETWEEN 0.5 AND 4.5 FEET)
- PROPERTY PREVIOUSLY REMEDIATED; CLASS A RAO ACHIEVED

SUMMARY OF EXISTING PCB SOIL SAMPLE RESULTS
 (RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
 (SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3	3-3.5	3.5-4	4-4.5	4.5-5	5-5.5	5.5-6	6-6.5	6.5-7	7-7.5	7.5-8	8-8.5	8.5-9
18-4-2,3,4-1	**	**	**	**	**	**	12.4	1.84	3.12	0.829	---	---	---	---	---	---	---	---
18-4-2,3,4-2	**	**	**	1.44	1.37	3.45	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-3	0.64	0.25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-4	0.128	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-5	0.716	0.452	0.349	0.146	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-6	**	**	**	**	**	4.64	8.2	1.3	0.129	0.594	---	---	---	---	---	---	---	---
18-4-2,3,4-7	**	**	**	**	**	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-8	**	**	0.724	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-9	**	**	3.33	3.54	4.87	0.18	3.85	0.563	1.23	---	---	---	---	---	---	---	---	---
18-4-2,3,4-10	**	**	**	**	**	**	**	1.19	4.91	---	---	---	---	---	---	---	---	---
18-4-2,3,4-11	0.204(0.192)	0.327	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-12	**	**	0.408	0.116	1.17	0.5	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-13	**	**	ND(0.1)	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-14	**	**	ND(0.1)	ND(0.1)	0.112	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-15	0.698(0.792)	0.193	ND(0.1)	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-16	**	**	0.173	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-17	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
18-4-2,3,4-18	**	**	0.185	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-19	**	**	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-2,3,4-20	**	**	**	**	**	**	4.87	---	---	---	---	---	---	---	---	---	---	---
18-4-1-6	0.838	1.47	0.853	0.676	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-1-7	**	**	91.3	32.3	43.8	29.4	15.8	11.6	2.4	7.75	---	---	---	---	---	---	---	---
18-4-1-9	**	**	1.17	0.435	0.408	0.356	---	---	---	---	---	---	---	---	---	---	---	---
18-4-5-4	11.4(12.7)	10.7	0.281	22.1	1.34	ND(0.1)	---	---	---	---	---	---	---	---	---	---	---	---
18-4-5-6	6.62(6.7)	0.909	0.292	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18-4-7-4	**	**	**	**	**	**	83.2	11.5	2.47	13.5	3.22	---	---	---	---	---	---	---
18-4-7-5	**	**	**	**	**	**	42.5	19.2	25.8	60.8	11.9	---	---	---	---	---	---	---
18-4-7-12	**	**	**	**	100	38.7	---	---	---	---	---	---	---	---	---	---	---	---
18-4-7-13	**	**	**	**	73.1	24.5	---	---	---	---	---	---	---	---	---	---	---	---
18-4-7-20	**	**	**	**	**	108	57.4	1.81	0.392	0.611	ND(0.1)	---	---	---	---	---	---	---
18-4-7-21	**	**	**	**	**	1.99	6.58	3.64	1.3	105	25	61.1	22.9	7.64	0.16	0.349	0.263	---

EPA SAMPLE RESULTS

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2
R93A000	ND(0.5)	ND(0.6)	ND(0.7)	ND(0.5)
R93A025	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R93A050	ND(0.5)	ND(0.6)	ND(0.6)	ND(0.5)
R93A075	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.6)
R93A100	0.7J	0.5J	ND(0.7)	ND(0.6)
R93A125	0.097(0.2J)	ND(0.5)	ND(0.5)	ND(0.5)
R93B000	10J	1.4J	0.3J	ND(0.6)
R93B025	1J	ND(0.5)	ND(0.6)	ND(0.5)
R93B050	0.5J	ND(0.5)	ND(0.5)	ND(0.5)
R93B075	0.4J	ND(0.6)(0.028J)	ND(0.6)	ND(0.6)
R93B100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R93B125	27J	76J	53J	8.2J
R93C000	6.6J	0.3J	ND(0.5)	ND(0.6)
R93C075	1.5J	ND(0.8)	ND(0.6)	ND(0.5)
R93C100	ND(0.6)	ND(0.7)	0.062(ND(0.6))	ND(0.7)
R93C125	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)
R93D000	ND(0.5)	ND(0.5)	ND(0.6)	ND(0.5)
R93D050	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)
R93D075	0.4J	ND(0.5)	ND(0.6)	ND(0.6)
R93D100	ND(0.5)	ND(0.5)	ND(0.5)	0.034(ND(0.5))
R93D125	ND(0.5)	ND(0.5)	ND(0.6)	0.6J
R93E000	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.5)
R93E025	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.6)
R93E050	0.029J(ND(0.5))	ND(0.6)	ND(0.6)	ND(0.5)
R93E075	0.6J	ND(0.6)	ND(0.5)	ND(0.6)
R93E100	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)

Notes to Tables:

A. Sample data obtained from EPA database titled 040403_usepo_hr_dbase1.mdb and GE database titled hr040903.mdb.

B. J - Indicates estimated value less than the CLP-required quantitation limit.

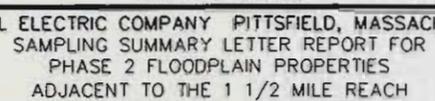
C. --- - Indicates sample interval was not analyzed.

D. Duplicate results presented in brackets.

E. ** - Soil was removed at this depth and clean backfill was placed at these locations.

NOTES TO FIGURE:

- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM PHASE1BASE.DWG BY WESTON SOLUTIONS FOR THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED 1/15/03.
- PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
- THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
- PCB CONCENTRATIONS ARE REPORTED AS DRY WEIGHT PARTS PER MILLION, PPM.
- FORMER TAX PARCEL 18-4-5 HAS BEEN DIVIDED INTO TWO PARCELS, 18-4-201 AND 18-4-202, THE CONFIGURATION OF WHICH IS CURRENTLY UNAVAILABLE FROM THE CITY OF PITTSFIELD ASSESSOR'S OFFICE.

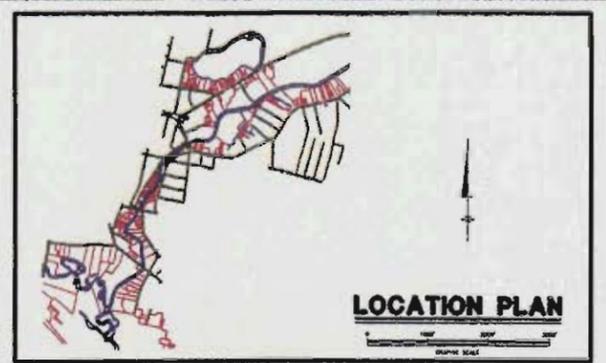
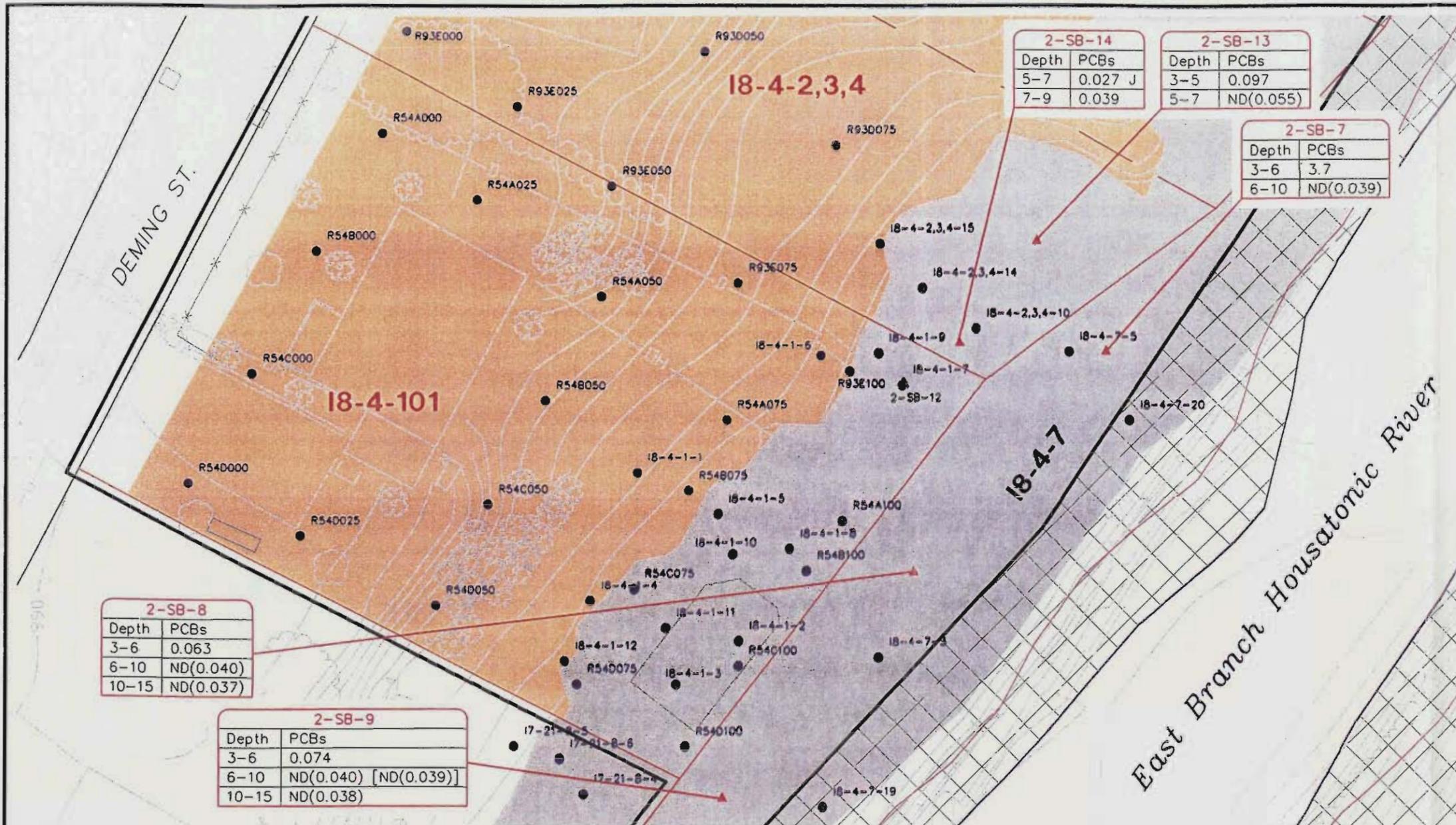


GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
 SAMPLING SUMMARY LETTER REPORT FOR
 PHASE 2 FLOODPLAIN PROPERTIES
 ADJACENT TO THE 1 1/2 MILE REACH

**SUMMARY OF SOIL SAMPLING LOCATIONS
 FOR PHASE 2, GROUP 2
 18-4-2,3,4**

BBL
 BLASLAND, BOUCK & LEE, INC.
 ENGINEERS & SCIENTISTS

FIGURE 4



LEGEND

- 10 YEAR FLOODPLAIN
- APPROXIMATE PARCEL BOUNDARY
- BOUNDARY BETWEEN COMMONLY OWNED PROPERTIES
- FENCELINE
- 18-4-2,3,4 RESIDENTIAL PROPERTY PARCEL ID
- 18-4-7 NON-RESIDENTIAL PROPERTY PARCEL ID
- 18-4-5-3 EXISTING SOIL BORING LOCATION
- ▲ 2-SB-7 PRE-DESIGN SOIL BORING LOCATION
- △ 2-SB-12 PROPOSED PCB AND APENDIX IX+3 SOIL BORING LOCATION (PENDING ACCESS)
- BOUNDARY OF FLOODPLAIN PROPERTIES DESIGNATED IN SOW (FOR GROUP 2).
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL ACTION
- AREA OF PRIOR EXCAVATION (TO DEPTHS RANGING BETWEEN 0.5 AND 4.5 FEET)
- PROPERTY PREVIOUSLY REMEDIATED; CLASS A RAO ACHIEVED

2-SB-8

Depth	PCBs
3-6	0.063
6-10	ND(0.040)
10-15	ND(0.037)

2-SB-9

Depth	PCBs
3-6	0.074
6-10	ND(0.040) [ND(0.039)]
10-15	ND(0.038)

2-SB-14

Depth	PCBs
5-7	0.027 J
7-9	0.039

2-SB-13

Depth	PCBs
3-5	0.097
5-7	ND(0.055)

2-SB-7

Depth	PCBs
3-6	3.7
6-10	ND(0.039)

SUMMARY OF EXISTING PCB SOIL SAMPLE RESULTS
(RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
(SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

EPA SAMPLE RESULTS

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2
R54A000	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54A025	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54A050	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54A075	ND(0.5)	1.7J	ND(0.5)	0.2J
R54A100	ND(0.5)	ND(0.5)	ND(0.5)	17.3 [34]
R54B000	0.3J	ND(0.5)	ND(0.5)	ND(0.5)
R54B050	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54B075	0.5J	0.4J	0.4J	ND(0.5)
R54B100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54C000	ND(0.5)	ND(0.5)	ND(0.35) [ND(0.5)]	ND(0.5)
R54C050	ND(0.5)	0.3J	ND(0.5)	ND(0.5)
R54C075	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54C100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54D000	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54D025	0.2J	0.2J	0.2J	ND(0.5)
R54D050	ND(0.5)	0.39 [ND(0.5)]	ND(0.5)	ND(0.5)
R54D075	1	0.5J	ND(0.5)	0.4J
R54D100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R93D050	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.6)
R93D075	0.4J	ND(0.5)	ND(0.6)	ND(0.6)
R93E000	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.5)
R93E025	ND(0.6)	ND(0.5)	ND(0.6)	ND(0.6)
R93E050	0.29J [ND(0.5)]	ND(0.6)	ND(0.6)	ND(0.5)
R93E075	0.6J	ND(0.6)	ND(0.5)	ND(0.6)
R93E100	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)

GE SAMPLE RESULTS

Sample ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3	3-3.5	3.5-4	4-4.5	4.5-5	5-5.5	5.5-6		
18-4-1-1	0.59	0.31	---	---	---	---	---	---	---	---	---	---		
18-4-1-2	**	**	**	**	**	**	1.79	1.1	3.75	0.708	---	---		
18-4-1-3	**	**	---	---	---	---	---	---	---	---	---	---		
18-4-1-4	**	**	**	0.129 [1.30]	0.698	---	---	---	---	---	---	---		
18-4-1-5	**	2.22	1.27	0.289	0.251	---	---	---	---	---	---	---		
18-4-1-6	0.838	1.47	0.853	0.676	---	---	---	---	---	---	---	---		
18-4-1-7	**	**	91.3	32.3	43.8	29.4	15.8	11.6	2.4	7.75	---	---		
18-4-1-8	**	**	24.3	3.34	39.3	11.8	4.57	0.677	0.224	---	---	---		
18-4-1-9	**	**	1.17	0.435	0.408	0.356	---	---	---	---	---	---		
18-4-1-10	**	**	1.03	0.148	ND(0.1)	0.223	---	---	---	---	---	---		
18-4-1-11	**	**	0.638	0.99 [0.576]	0.889	1.04	---	---	---	---	---	---		
18-4-1-12	1.29	0.947	0.186	---	---	---	---	---	---	---	---	---		
17-21-8-4	**	**	**	**	**	1.98	---	---	---	---	---	---		
17-21-8-5	0.807	0.385	0.295	ND(0.1)	---	---	---	---	---	---	---	---		
17-21-8-6	**	**	0.519	0.861	---	---	---	---	---	---	---	---		
18-4-2,3,4-10	**	**	**	**	**	**	**	**	1.19	4.91	---	---		
18-4-2,3,4-14	**	**	ND(0.1)	ND(0.1)	0.112	ND(0.1)	---	---	---	---	---	---		
18-4-2,3,4-15	0.698 [0.792]	0.193	ND(0.1)	ND(0.1)	---	---	---	---	---	---	---	---		
18-4-7-3	**	**	**	**	**	**	**	**	40.6	43.1	56.1	6.79	60	
18-4-7-5	**	**	**	**	**	**	**	**	42.5	19.2	25.8	60.8	11.9	
18-4-7-19	**	**	**	**	**	**	**	**	1.32	19.8	0.207	0.354	ND(0.1)	
18-4-7-20	**	**	**	**	**	**	**	**	108	57.4	1.81	0.392	0.611	ND(0.1)

Notes to Tables:

A. Sample data obtained from EPA database titled 040403_usepo_hr_dbase1.mdb and GE database titled hr040903.mdb.

B. J - Indicates estimated value less than the CLP-required quantitation limit.

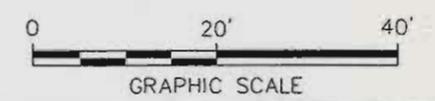
C. --- - Indicates sample interval was not analyzed.

D. Duplicate results presented in brackets.

E. ** - Soil was removed at this depth and clean backfill was placed at these locations.

NOTES TO FIGURE:

- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM PHASEIBASE.DWG BY WESTON SOLUTIONS FOR THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED 1/15/03.
- PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
- THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
- PCB CONCENTRATIONS ARE REPORTED AS DRY WEIGHT PARTS PER MILLION, PPM.

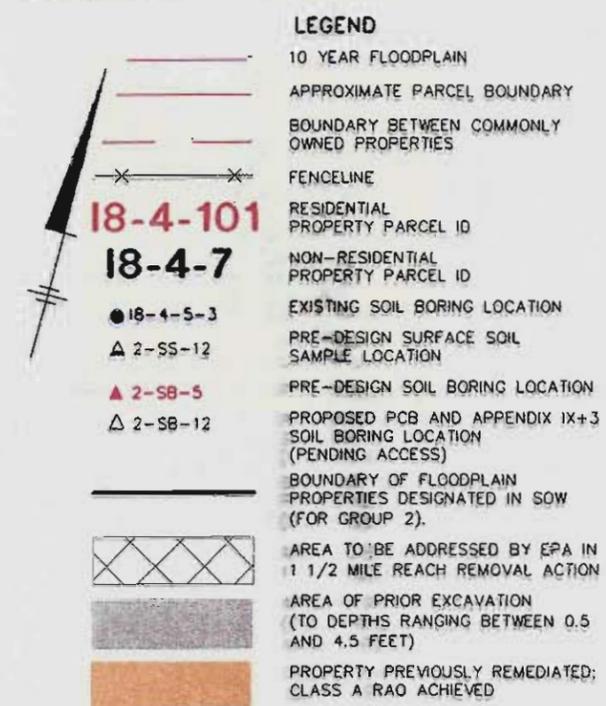
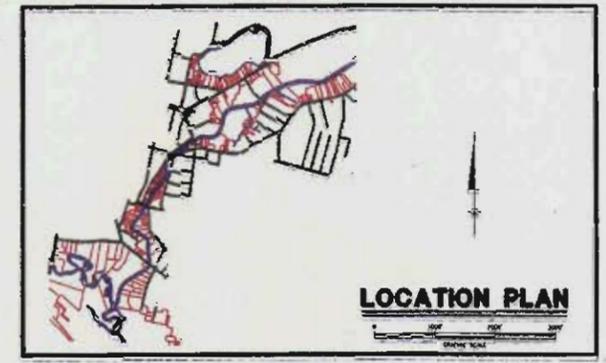


GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES
ADJACENT TO THE 1 1/2 MILE REACH

**SUMMARY OF SOIL SAMPLING LOCATIONS
FOR PHASE 2, GROUP 2
18-4-101**



X: 40122x02, 40122x03.DWG
L: ONA* OFF**REF*
P: PAGES1/PL1-BL
7/1/03 SYR-85-NES LAF
C: 40122003/40122011.DWG



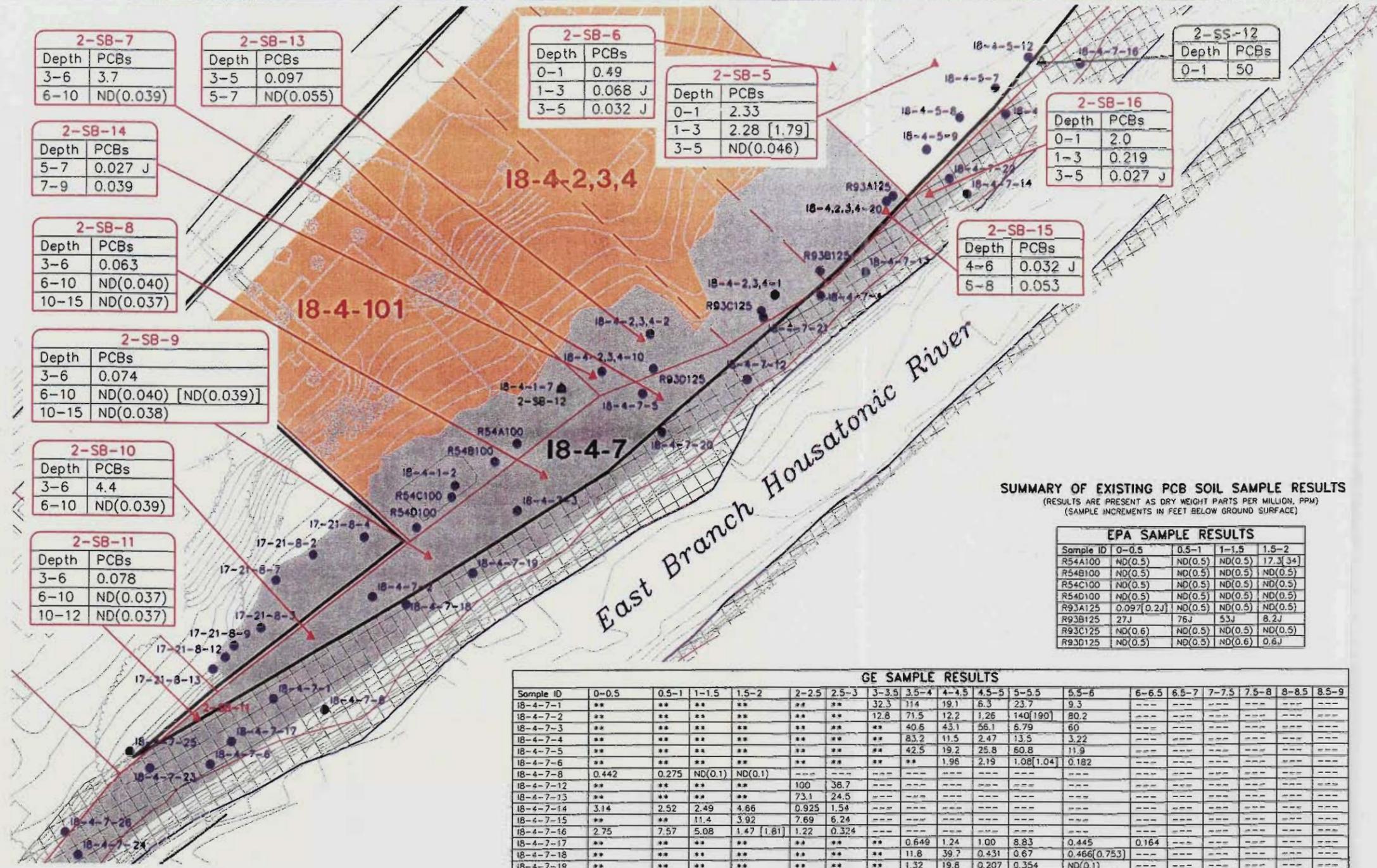
NOTES TO FIGURE:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM PHASE1BASE.DWG BY WESTON SOLUTIONS FOR THE DEPARTMENT OF THE ARMY CORPS OF ENGINEERS DATED 1/15/03.
2. PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
3. THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
4. PCB CONCENTRATIONS ARE REPORTED AS DRY WEIGHT PARTS PER MILLION, PPM.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SAMPLING SUMMARY LETTER REPORT FOR
PHASE 2 FLOODPLAIN PROPERTIES
ADJACENT TO THE 1 1/2 MILE REACH

**SUMMARY OF SOIL SAMPLING LOCATIONS
FOR PHASE 2, GROUP 2
18-4-7**



SUMMARY OF EXISTING PCB SOIL SAMPLE RESULTS
(RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
(SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

EPA SAMPLE RESULTS				
Sample ID	0-0.5	0.5-1	1-1.5	1.5-2
R54A100	ND(0.5)	ND(0.5)	ND(0.5)	17.3(34)
R54B100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54C100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R54D100	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
R93A125	0.097(0.2J)	ND(0.5)	ND(0.5)	ND(0.5)
R93B125	27J	76J	53J	8.2J
R93C125	ND(0.6)	ND(0.5)	ND(0.5)	ND(0.5)
R93D125	ND(0.5)	ND(0.5)	ND(0.6)	0.6J

GE SAMPLE RESULTS																		
Sample ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3	3-3.5	3.5-4	4-4.5	4.5-5	5-5.5	5.5-6	6-6.5	6.5-7	7-7.5	7.5-8	8-8.5	8.5-9
18-4-7-1	**	**	**	**	**	**	32.3	114	19.1	6.3	23.7	9.3						
18-4-7-2	**	**	**	**	**	**	12.8	71.5	12.2	1.26	140(190)	80.2						
18-4-7-3	**	**	**	**	**	**	**	40.6	43.1	56.1	6.79	60						
18-4-7-4	**	**	**	**	**	**	**	83.2	11.5	2.47	13.5	3.22						
18-4-7-5	**	**	**	**	**	**	**	42.5	19.2	25.8	60.8	11.9						
18-4-7-6	**	**	**	**	**	**	**	**	1.96	2.19	1.08(1.04)	0.182						
18-4-7-8	0.442	0.275	ND(0.1)	ND(0.1)														
18-4-7-12	**	**	**	**	100	38.7												
18-4-7-13	**	**	**	**	73.1	24.5												
18-4-7-14	3.14	2.52	2.49	4.66	0.925	1.54												
18-4-7-15	**	**	**	**	7.69	6.24												
18-4-7-16	2.75	7.57	5.08	1.47 (1.81)	1.22	0.324												
18-4-7-17	**	**	**	**	**	**	**	0.649	1.24	1.00	8.83	0.445	0.164					
18-4-7-18	**	**	**	**	**	**	**	11.8	39.7	0.431	0.67	0.466(0.753)						
18-4-7-19	**	**	**	**	**	**	**	1.32	19.8	0.207	0.354	ND(0.1)						
18-4-7-20	**	**	**	**	**	**	108	57.4	1.81	0.392	0.611	ND(0.1)						
18-4-7-21	**	**	**	**	**	**	1.99	6.98	3.64	1.3	105	25	61.1	22.9	7.64	0.16	0.349	0.263
18-4-7-22	**	**	**	**	700	6.8												
18-4-7-23	**	**	**	**	**	**												
18-4-7-24	**	**	**	**	**	**												
18-4-7-25	**	**	**	**	**	**												
18-4-7-26	1.49	1.80	1.41	1.82	0.826	0.139												
18-4-1-2	**	**	**	**	**	**	1.79	1.1	3.75	0.708								
18-4-1-7	**	**	91.3	32.3	43.8	29.4	15.8	11.6	2.4	7.75								
18-4-2,3,4-1	**	**	**	**	**	**	**	12.4	1.84	3.12	0.829							
18-4-2,3,4-2	**	**	**	1.44	1.37	3.45												
18-4-2,3,4-10	**	**	**	**	**	**	**	**	1.19	4.91								
18-4,2,3,4-20	**	**	**	**	**	**	**	4.87										
18-4-5-7	3.08	7.55	6.26	0.787	5.04	ND(0.1)												
18-4-5-8	11.3(17.7)	1.37	0.148	0.258														
18-4-5-9	1.59	5.28	0.773	0.512														
18-4-5-12	0.498	2.19	2.43	0.413	0.629													
17-21-8-2	**	**	1.88	0.544	1.94													
17-21-8-3	**	**	**	**	**	1.72												
17-21-8-4	**	**	**	**	**	1.98												
17-21-8-7	**	**	2.72	4.24	3.64	1.18	5.86	1.37										
17-21-8-9	**	**	0.222	0.811														
17-21-8-12	1.6(1.46)	0.601																
17-21-8-13	0.103(0.192)	0.125																

Notes to Tables:

A. Sample data obtained from EPA database titled 040403_usepo_hr_base1.mdb and GE database titled hr040903.mdb.

B. J - Indicates estimated value less than the CLP-required quantitation limit.

C. --- - Indicates sample interval was not analyzed.

D. Duplicate results presented in brackets.

E. ** - Soil was removed at this depth and clean backfill was placed at these locations.

Appendix A

Soil Boring Logs

Date Start/Finish: 5/22/03
 Drilling Company: BBL
 Driller's Name: TOR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530547.6791
 Easting: 128420.0085
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-1
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1		0.0		Brown SILT, Grass and Roots.	
							Olive-gray CLAYEY-SILT, some fine Sand, fine Gravel.	
		2	1-3	2.2	0.0		Orange and black SLAG.	
							Orange-gray SLAG, fine Gravel, wet.	
5	-5	3	3-5		0.0		Brown WOOD debris, brown Silt, wet.	
							Black SILT, wet.	
		4	5-7	2.6	0.0		Brown fine to medium SAND, with brown Silt, wet, odor.	
							Brown fine SAND, few fine Gravel, wet.	
		5	7-9		0.0		Orange fine to medium SAND, wet.	
							White-brown fine SAND, chalky looking Limestone.	
10-10		6	9-10		NA			
15-15								

Borehole backfilled with Bentonite.



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;
 5-7': PCBs (on hold); 7-9': PCBs (on hold).

Date Start/Finish: 5/23/03
 Drilling Company: BBL
 Driller's Name: SLL
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530494.9663
 Easting: 128859.4651
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-4
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0							
		1	0-1		0.0		Coarse brown SILT, Grass, Roots.	
							Dark brown SILT, fine Gravel.	
		2	1-3	3.4	0.0		Dark brown SILT, with Ash, oxidized.	
							Dark brown SILT, with Ash and Cobble.	
		3	3-5		0.0		SILT, fine Gravel, fine to coarse Sand, very damp.	
5	-5						Olive-brown SILT, trace Clay, medium to coarse Sand, fine Gravel.	
		4	5-7	3.2	0.0		Fine Sand, fine to medium Gravel, weathered till.	
		5	7-9		NA			
				0.9				
10	-10	6	9-10		NA			
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;
 5-7': PCBs (on hold); 7-9': PCBs (on hold).

Date Start/Finish: 5/23/03
 Drilling Company: BBL
 Driller's Name: SLL
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530461.3246
 Easting: 128370.1266
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-5
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	2.2	0.0		Brown fine SAND and SILT, little medium Sand, trace coarse Sand and Roots, moist.	
		2	1-3	2.2	0.0		Dark brown fine SAND, some medium to coarse Sand, Ash, Coal, moist.	
		3	3-5	0.0	0.0		Dark brown fine SAND and SILT, moist.	
5	-5	4	5-7	3.8	0.0		Dark brown fine SAND and SILT, moist.	
		5	7-9	1.0	0.0		Olive brown SILT, little coarse to fine Sand, trace fine Gravel, moist.	
10-10								
15-15								

Borehole backfilled with Bentonite.



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;
 5-7': PCBs (on hold); 7-9': PCBs (on hold).
 Duplicate sample ID: 2-SB-Dup-2 (PCBs, 1-3');
 MS/MSD collected (PCBs, 3-5').

Date Start/Finish: 5/23/03
 Drilling Company: BBL
 Driller's Name: SLL
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530451.0504
 Easting: 128335.8781
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-6
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	2.8	0.0		Brown fine SAND and SILT, little medium Sand, trace coarse Sand, fine Gravel, Roots.	
		2	1-3	2.8	0.0		Gray-brown SAND, Ash, Cinders and Glass, dry.	
		3	3-5	0.0	0.0		Brown fine SAND and SILT, trace medium to coarse Sand and fine Gravel, moist.	
		4	5-7	3.2	0.0		Brown fine SAND, little coarse to medium Sand, fine Gravel and Silt, moist.	
		5	7-9	1.0	0.0		Olive-brown SILT, little Sand and Gravel, moist.	
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;
 5-7': PCBs (on hold); 7-9': PCBs (on hold).

Date Start/Finish: 5/27/03
 Drilling Company: BBL
 Driller's Name: JJB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530288.6810
 Easting: 128275.9015
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: NA
 Descriptions By: SLL

Boring ID: 2-SB-8
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 3' bgs.	
		1	3-4	0.7	0.0		Brown SILT, some fine Sand and fine Gravel.	
							Brown SILT, some Schist.	
5	-5	2	4-6		0.0		Brown SILT, little fine Gravel, moist.	
				3.0				
		3	6-8		0.0		Dark brown SILT, trace fine Gravel, wet.	
							Brown SILT, little fine Gravel, moist.	
							Brown SILT, trace fine Gravel, tight.	
10-10				3.4				
		5	10-12		0.0		Yellow-tan SILT, some fine Sand and Gravel, moist.	
							Yellow-brown fine SAND, some Silt, trace fine Gravel, wet.	
		6	12-14		0.0		Orange-yellow fine SAND, some Silt, trace fine Gravel, wet.	
				3.0				
		7	14-15		0.0		Orange-yellow fine SAND, some Silt, trace fine Gravel, wet.	
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 3-6': PCBs; 6-10': PCBs; 10-15': PCBs.

Date Start/Finish: 5/27/03 Drilling Company: BBL Driller's Name: JJB Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor-mounted Power Probe Sample Method: 4' Macrocore	Northing: 530251.4647 Easting: 128244.4073 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: NA Descriptions By: SLL	Boring ID: 2-SB-9 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Flood Plain Properties
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 3' bgs.	
		1	3-4	0.7	0.0		Dark brown SILT, little fine Sand, trace Gravel, moist.	 Borehole backfilled with Bentonite.
5	-5	2	4-6		0.0		Brown SILT, little fine to coarse Sand, trace Gravel, moist.	
				2.5				
		3	6-8		0.0			
		4	8-10		0.0		Same as above, trace Cobble.	
10	-10	5	10-12		0.0			
				2.6				
		6	12-14		0.0		Yellow-tan SILT, some fine Sand and Gravel, wet.	
		7	14-15		0.0			
15	-15							

 BLASLAND, BOUCK & LEE, INC. <i>engineers & scientists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 3-6': PCBs; 6-10': PCBs; 10-15': PCBs. Duplicate sample ID: 2-SB-Dup-4 (PCBs, 6-10'); MS/MSD collected (PCBs, 3-6').
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Date Start/Finish: 5/27/03
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 530214.1967
Easting: 128212.4291
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: NA

Descriptions By: SLL

Boring ID: 2-SB-10
Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 3' bgs.	
		1	3-4	0.5	0.0		Dark brown SILT, little fine Sand, trace Gravel, moist.	Borehole backfilled with Bentonite.
		2	4-6		0.0		Gray SILT, trace fine Sand and fine Gravel, moist.	
5	-5			2.0			Dark brown SILT, trace fine Sand, and fine Gravel, moist.	
		3	6-8		0.0			
		4	8-10	2.0	0.0		Same as above, trace Cobble.	
							Gray-brown SILT, trace fine Gravel, moist.	
10	-10						Yellow-brown fine SAND and SILT, trace fine Gravel, moist.	
							Refusal at 10' bgs.	
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 3-6': PCBs; 6-10': PCBs.

Date Start/Finish: 5/27/03
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 530176.6651
Easting: 128181.4672
Casing Elevation: NA
Borehole Depth: 12' below grade
Surface Elevation: NA
Descriptions By: SLL

Boring ID: 2-SB-11
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 3' bgs.	
		1	3-4	0.5	0.1		Light brown fine SAND, trace Silt, fine Gravel, moist.	 Borehole backfilled with Bentonite.
5	-5	2	4-6		0.0		Brown fine SAND, trace coarse Gravel.	
		3	6-8	2.0	0.0		Dark gray SILT, trace fine to medium Gravel.	
		4	8-10		0.0		Yellow fine SAND and SILT, trace fine Gravel, moist.	
		5	10-12	3.8	0.0		Gray-brown SILT, trace fine Gravel, coarse Gravel, moist.	
10-10							Refusal at 12' bgs.	
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 3-6': PCBs; 6-10': PCBs; 10-12': PCBs.

Date Start/Finish: 5/27/03
 Drilling Company: BBL
 Driller's Name: JJB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530343.2702
 Easting: 128296.3043
 Casing Elevation: NA
 Borehole Depth: 12' below grade
 Surface Elevation: NA
 Descriptions By: SLL

Boring ID: 2-SB-13
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 3' bgs.	
5	-5	1	3-5	2.9	0.0		Gray SAND and SILT, Ash, Cinders, tan Clayey-Silt, moist.	
					0.0		Dark gray SILT, trace fine to medium SAND, moist.	
		2	5-7		0.0		Olive brown SILT, fine Sand, little coarse to medium Sand, fine Gravel, moist.	
		3	7-9		0.0			
		4	9-11		0.0			
10-10		5	11-12	1.0	NA			
15-15							Refusal at 12' bgs.	



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 3-5': PCBs; 5-7': PCBs; 7-9': PCBs (on hold); 9-11': PCBs (on hold);
 11-12': PCBs (on hold).

Date Start/Finish: 5/23/03
Drilling Company: BBL
Driller's Name: SLL
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 530326.5684
Easting: 128283.5220
Casing Elevation: NA

Borehole Depth: 14' below grade
Surface Elevation: NA

Descriptions By: JAB

Boring ID: 2-SB-14
Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 4' bgs.	
5	-5	1	5-7	3.7	0.9		Gray SILT, with trace fine Sand and fine Gravel, very compacted, moist.	 Borehole backfilled with Bentonite.
		2	7-9		NA		Same as above, with traces of weathered stone.	
10-10		3	9-11	3.0	NA		Refusal at 14' bgs.	
		4	11-13		NA			
		5	13-14	2.0	NA		Orange-brown fine SAND, some coarse Sand, with fine Gravel.	
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 5-7': PCBs, VOCs, SVOCs, PCDD/PCDF, Inorganics; 7-9': PCBs;
 9-11': PCBs (on hold); 11-13': PCBs (on hold); 13-14': PCBs (on hold).
 MS/MSD collected (VOCs, SVOCs, Inorganics, PCDD/PCDF; 5-7').

Date Start/Finish: 5/23/03
 Drilling Company: BBL
 Driller's Name: SLL
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530407.8387
 Easting: 128366.8883
 Casing Elevation: NA
 Borehole Depth: 11' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-15
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0						Pre-probe to 4' bgs.	
5	-5	1	4-6	3.4	0.0		Brown fine SAND and SILT, trace coarse to medium Sand, coarse Gravel, moist.	
		2	6-8		0.0		Brown fine SAND and SILT.	
10-10		3	8-10		0.0		Brown SILT, little fine to medium Sand, Gravel, trace Cobble.	
		4	10-11		0.0			
15-15							Refusal at 11' bgs.	



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 4-6': PCBs, VOCs, SVOCs, PCDD/PCDF, Inorganics;
 6-8': PCBs; 8-10': PCBs (on hold); 10-11': PCBs (on hold).
 Duplicate sample ID: 2-SB-Dup-3 (PCBs, 4-6').

Date Start/Finish: 5/23/03
 Drilling Company: BBL
 Driller's Name: SLL
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 530417.2827
 Easting: 128380.0795
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: NA
 Descriptions By: JAB

Boring ID: 2-SB-16
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	0.0			Brown fine SAND and SILT, little coarse to medium Sand, trace Roots.	 Borehole backfilled with Bentonite.
		2	1-3	3.1	0.0		Brown fine SAND and SILT, little Gravel, moist.	
		3	3-5	0.0			Brown fine SILT and fine SAND, fine Gravel, moist.	
							Weathered STONE.	
5	-5						Brown fine SAND and SILT.	
		4	5-7	2.1	NA			
		5	7-9	1.0	NA			
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs;
 5-7': PCBs (on hold); 7-9': PCBs (on hold).

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530566.2266
 Easting: 128333.2028
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-1
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.9		Brown fine SAND and SILT, trace medium Sand and Roots.	Borehole backfilled with Bentonite.
							Brown medium to fine SAND, trace fine Gravel.	
5	-5							
10	-10							
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
Drilling Company: BBL
Driller's Name: BRH
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 530560.1272
Easting: 128395.0187
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: NA

Descriptions By: RWB

Boring ID: 2-SS-2

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0							
		1	0-1	1.0	0.5		Dark brown fine SAND and SILT, trace Roots and Organics.	
							Light grey ASH and black SLAG.	
5	-5							
10	-10							
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530539.6324
 Easting: 128436.5729
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-3
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	1.0		Dark brown fine SAND and SILT, trace Roots.	Borehole backfilled with Bentonite.
							Brown fine to medium SAND, trace fine Gravel.	
5	-5							
10	-10							
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530526.3924
 Easting: 128407.0526
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-4
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.5		Brown fine to medium SAND and SILT, trace fine and medium Gravel, Glass and Slag.	Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530522.9271
 Easting: 128305.3923
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-5
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	2.0		Brown fine to medium SAND and SILT, trace Roots.	 Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530516.6584
 Easting: 128371.2191
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-6
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.7		Brown fine SAND and SILT, trace medium Sand, fine Gravel, and Roots.	Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs;
 MS/MSD collected (PCBs, 0-1').

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530516.6058
 Easting: 128425.2314
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-7
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.8		Brown fine SAND and SILT, trace fine Gravel, Roots and Slag.	Borehole backfilled with Bentonite.
5	-5							
10	-10							
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 Duplicate sample ID: 2-SS-Dup-1 (PCBs, 0-1').

Date Start/Finish: 5/15/03
Drilling Company: BBL
Driller's Name: BRH
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 530494.1535
Easting: 128417.5308
Casing Elevation: NA
Borehole Depth: 1' below grade
Surface Elevation: NA
Descriptions By: RWB

Boring ID: 2-SS-8
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.8		Dark brown fine SAND and SILT, some Organics.	Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs;

Date Start/Finish: 5/15/03
Drilling Company: BBL
Driller's Name: BRH
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 530481.6752
Easting: 128276.9677
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: NA

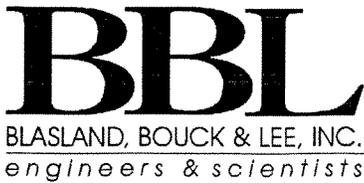
Descriptions By: RWB

Boring ID: 2-SS-9

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.8		Dark brown fine SAND and SILT, trace fine Gravel, and Roots.	Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530483.1547
 Easting: 128382.4897
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-10
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	2.3		Dark brown fine SAND and SILT, trace Roots and fine Gravel.	Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
Drilling Company: BBL
Driller's Name: BRH
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

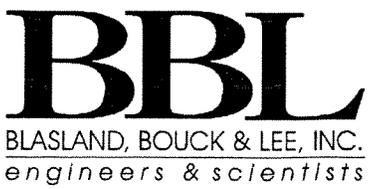
Northing: 530472.4667
Easting: 128347.8994
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: NA

Descriptions By: RWB

Boring ID: 2-SS-11
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	1.7		Dark brown fine SAND and SILT, trace medium Sand, fine Gravel, and Roots.	Borehole backfilled with Bentonite.
							Light gray ASH and black SLAG.	
5	-5							
10	-10							
15	-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.

Date Start/Finish: 5/15/03
 Drilling Company: BBL
 Driller's Name: BRH
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor-mounted Power Probe
 Sample Method: 2' Macrocore

Northing: 530471.5017
 Easting: 128406.0622
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: NA
 Descriptions By: RWB

Boring ID: 2-SS-12
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Flood Plain Properties

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-1	1.0	0.9		Dark brown fine SAND and SILT, trace Roots. Brown fine to medium SAND.	 Borehole backfilled with Bentonite.
5	-5							
10-10								
15-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs;