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Corporate Environmental Programs
General Electric Company
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Transmitted Via Overnight Delivery

December 15, 2004

Mr. William P. Lovely, Jr.
United States Environmental Protection Agency
EPA – New England (MC HBO)
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Floodplain Residential and Non-Residential Properties Adjacent to 1½ Mile Reach of Housatonic River *(GECD710 and GECD720)*
Work Plan Addendum – Phase 4 Floodplain Properties, Groups 4B and 4C

Dear Mr. Lovely:

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 and the accompanying *Statement of Work for Removal Actions Outside the River* (SOW). The PDI Work Plan proposed initial pre-design soil investigations for polychlorinated biphenyls (PCBs) at two of the Removal Action Areas (RAAs) identified in the CD and SOW: 1) Floodplain Current Residential Properties Adjacent to the 1½ Mile Reach - Actual/Potential Lawns; and 2) Floodplain Non-Residential Properties Adjacent to the 1½ Mile Reach (Excluding Banks). These combined RAAs will hereafter be referred to as the 1½ Mile Floodplain RAAs.

To provide coordination between future response actions that may be needed for the 1½ Mile Floodplain RAAs, and those to be separately conducted by EPA for sediments and riverbank soils in this same reach of the river, GE proposed in the PDI Work Plan to conduct pre-design investigations for the 1½ Mile Floodplain RAAs in four phases:

Phase 1 - Lyman Street Bridge to Elm Street Bridge;
Phase 2 - Elm Street Bridge to Dawes Avenue;
Phase 3 - Dawes Avenue to Pomeroy Avenue; and
Phase 4 - Pomeroy Avenue to the Confluence.

In a letter dated July 8, 2002, EPA provided conditional approval of a portion of the PDI Work Plan – i.e., the pre-design soil investigations identified for the Phase 1 properties. The EPA conditional approval letter also set forth various requirements concerning the remaining properties addressed in the PDI Work Plan, including the future submission of Phase- and/or Group-specific Work Plan Addenda for those properties.

To date, GE has completed investigation and evaluation activities associated with the Phase 1 and 2 properties. Investigation activities associated with the Phase 3 floodplain properties are currently ongoing. With respect to the Phase 4 floodplain properties, GE submitted to EPA a Work Plan

Addendum for the Phase 4 Group 4A properties on July 14, 2004. EPA provided conditional approval of that Work Plan Addendum in a letter to GE dated December 3, 2004, and GE is submitting a proposal for sampling for non-PCB constituents at one of these properties, as required by EPA's conditional approval letter. At EPA's request, GE has prepared this Work Plan Addendum for the remaining Phase 4 properties, which consist of Group 4B and Group 4C. As identified in the SOW, Group 4B includes two contiguous residential properties (Parcels I6-1-66 and I6-1-67), and Group 4C includes one non-GE-owned recreational property (Parcel I6-1-62) and three GE-owned non-residential properties (I6-1-103, I6-1-104, and I6-1-106). These properties are shown on Figure 1.

The remainder of this Work Plan Addendum presents the following information related to the Phase 4 Group 4B and 4C floodplain properties:

- An updated summary of prior investigations;
- Identification of evaluation/averaging areas subject to future Removal Design/Removal Action (RD/RA) activities;
- The proposed pre-design PCB soil investigations;
- The proposed pre-design soil investigations for non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3); and
- The proposed schedule for the performance of the pre-design investigations and subsequent activities.

Several tables and figures have been prepared and are included with this letter. These items support and supplement this letter and are referenced throughout as appropriate.

1. Summary of Prior Investigations

Previous soil sampling activities performed by GE and EPA for the Group 4B floodplain properties have resulted in the collection and analysis of approximately 300 soil samples from approximately 90 locations. These soil sampling locations and corresponding PCB analytical results are shown on Figure 2. Prior sampling has generally focused on areas adjacent to the river and on or adjacent to Parcel I6-1-66. The samples were generally analyzed to depths of 2 to 2.5 feet below ground surface (bgs).

For the Group 4C floodplain properties, GE and EPA have previously conducted sampling investigations involving the collection and analysis of approximately 1,500 soil samples from approximately 400 locations. These soil sampling locations and corresponding PCB analytical results are shown on Figure 3. Prior soil sample locations on these properties were distributed throughout the area in a grid-like manner, and the resulting data have provided soil characterization for PCBs primarily within the uppermost 2 feet of soil.

As indicated in the PDI Work Plan, the existing PCB data for the Group 4B and 4C properties (shown on Figures 2 and 3, respectively) have been subject to a data quality review to assess their usability in meeting pre-design investigation requirements and in future RD/RA activities. From this review, it was determined that all of the available data can be used to satisfy pre-design investigation requirements and/or support future RD/RA evaluations.

Consistent with EPA's conditional approval of the PDI Work Plan, GE has included in this Addendum the existing non-PCB Appendix IX+3 data for these properties. Specifically, the prior non-PCB Appendix IX+3 data collected within the Group 4C properties by GE and EPA are presented in Tables 1 and 2, respectively. No prior GE or EPA Appendix IX+3 data have been collected within Group 4B.

In addition, GE has revised Figures 1 through 5 to include the 10-year floodplain boundary and available topographic information. The 10-year floodplain boundary depicted on Figures 1 through 5 is approximate. Figures 2 through 5 also show the top-of-bank, which defines the separation between the Phase 4 Group 4B and 4C floodplain properties and the riverbank areas to be addressed by EPA. The top-of-bank information included on the above-referenced figures was provided to GE by EPA on November 10, 2004.

2. Identification of RD/RA Evaluation Areas

Based on discussions with EPA, GE has identified RD/RA evaluation areas (also known as averaging areas) for the Phase 4 Groups 4B and 4C floodplain properties. Identification of evaluation areas is not only important for performance of RD/RA activities, but also, as discussed in Part 4 of this letter, serve to establish the scope of non-PCB Appendix IX+3 sampling and analysis activities. In summary, the two residential properties located within Group 4B will be split into four evaluation areas (two per parcel) based on direction provided by EPA. Each evaluation area located within Group 4C (four areas total) will consist of the entire parcel as indicated in the SOW, excluding the portion of the parcel which is considered a riverbank area to be addressed by EPA. These evaluation areas are shown on Figures 2 through 5.

In addition, based on review of the existing sampling data, a portion of one property adjacent to the current Group 4C properties – namely, residential Parcel I6-1-105 – will be incorporated into the Group 4C floodplain properties due to existing PCB concentrations in excess of 10 parts per million (ppm) in surface soils within the western portion of that property. This portion of Parcel I6-1-105 will constitute a separate evaluation area. The horizontal limits of this evaluation area will be defined following the performance of the proposed investigations at that property (described below). Based on the results of those investigations, GE will provide a formal proposal to extend the Group 4C properties to include a portion of Parcel I6-1-105 (and any other parcels adjacent to the current Group 4C properties where the data indicate the need for such extension). That proposal will be included in the forthcoming Interim Pre-Design Investigation Report (discussed in Part 5 of this letter).

3. Proposed PCB Soil Investigations

Group 4B

The initial pre-design PCB sampling proposed for the Group 4B properties will involve the collection of soil samples from 41 locations, as shown on Figure 2. Based on a review of the existing PCB data, no additional investigations are needed within the eastern evaluation area located on Parcel I6-1-66. Of the proposed sample locations, 31 will be surface-only sample locations (0- to 1-foot depth) and 10 will be soil borings. For all of the proposed borings, soil samples will be collected from depth increments of 0 to 1 foot, 1 to 3 feet, 3 to 5 feet, 5 to 7 feet, and 7 to 9 feet. Samples extending to 7 feet bgs will be subject to initial analysis for PCBs, and samples collected from the 7- to 9-foot depth increment will be held for subsequent analysis for PCBs if the analysis of the shallower samples indicates that the vertical extent of PCBs is not defined by those samples. The PCB sampling depth increments from the proposed borings for the Group 4B properties are presented in Table 3.

Group 4C

Prior soil sample locations within the Phase 4 Group 4C properties were distributed throughout the area in a grid-like manner, and the resulting data have provided a generally sufficient characterization of PCBs within the uppermost 2 feet of soil. As a result, only limited additional surface soil sampling for PCBs is proposed within the Group 4C properties themselves. That additional sampling will consist of the collection of four surface soil samples (4C-SS-28 through 4C-SS-31) within Parcel I6-1-103, located adjacent to the eastern boundary of that property, to further define the horizontal extent of PCBs in surface soils along that boundary. To further define the vertical extent of PCBs located at depths below 2 feet at the Group 4C properties, subsurface soil sampling is proposed on an approximate grid-like pattern, as shown on Figure 3.

In addition to the soil sampling within the Group 4C properties themselves, and consistent with the activities previously proposed in the PDI Work Plan, GE also proposes to perform both surface and subsurface soil sampling within portions of certain residential properties located adjacent to the Group 4C properties (namely, Parcels I6-1-63, I6-1-101, I6-1-102, and I6-1-105), as shown on Figure 3. As previously discussed, GE anticipates including a portion of Parcel I6-1-105 in the Group 4C floodplain properties in the future once the proposed investigations at that parcel are completed.

Initial pre-design PCB sampling within and adjacent to the Group 4C properties will involve the collection of soil samples from 61 locations, as shown on Figure 3. Of these proposed sample locations, 31 will be surface-only sample locations (0- to 1-foot sample depth), while 30 locations will involve the advancement of soil borings. Within the current Group 4C properties, for which extensive sampling has been conducted within the uppermost 2 feet of soil, the soil borings (25 borings total) will be advanced to a depth of 15 feet and will involve sample collection from the 2- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments. Within the adjacent residential properties (i.e., Parcels I6-1-63, I6-1-101, I6-1-102, and I6-1-105), samples from the proposed soil borings (five borings total) will be collected from the 0- to 1-foot, 1- to 2-foot, 2- to 4-foot, 4- to 6-foot, 6- to 8-foot, and 8- to 10-foot depth increments (consistent with the sampling approach for residential floodplain properties). For both sampling schemes, PCB analyses of the subsurface soil samples from the borings will be performed in an iterative manner, with the samples extending to 6 feet bgs subject to initial analysis for PCBs and the samples collected from the deeper increments held for subsequent analysis for PCBs if the analysis of the shallower samples indicate that the vertical extent of PCBs is not defined by those shallower samples. The PCB sampling depth increments from the proposed borings for this group are presented in Table 4.

4. Proposed Non-PCB Soil Investigations

Preliminary review of existing data from the properties within Groups 4B and 4C indicates that remediation actions will be necessary to address PCBs at six of the eight evaluation areas within these groups – namely, the western evaluation areas at Parcels I6-1-66 and I6-1-67 and the evaluation areas consisting of Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106. In addition, as noted above, the data indicate that remediation will be necessary to address PCBs in at least the western portion of adjacent Parcel I6-1-105 (which will be incorporated into the Group 4C properties). Accordingly, GE proposes to conduct sampling for non-PCB constituents within those evaluation areas, as described below.

GE's preliminary review of the data also indicates that remediation will not be necessary for the eastern evaluation areas at Parcels I6-1-66 and I6-1-67. For these two areas, GE is not proposing sampling and analysis for non-PCB constituents, based on the statement in the SOW (pp. 69-70) that, "[f]or floodplain properties located downstream of the GE Plant Area, where there are intervening potential sources of non-PCB constituents, GE may exclude from the evaluation [of non-PCB constituents] particular properties

(or portions of properties) where response actions are not necessary to address PCBs." Consistent with that statement and with the EPA-approved approach for such properties in Phases 1 and 2 of the 1½ Mile Floodplain RAAs, there is no need for sampling for non-PCB constituents at these evaluation areas.

Finally, for the residential properties adjacent to the Group 4C properties, other than Parcel I6-1-105 (discussed above), the need for non-PCB sampling will be evaluated based on review of the PCB data collected from those properties.

Group 4B

The initial pre-design non-PCB sampling proposed for the two western evaluation areas within Group 4B will involve the collection of 16 soil samples from eight locations, as shown on Figure 4. Of these proposed samples, six will be surface samples (0- to 1-foot depth) and 10 will be collected from subsurface soils, as shown in Table 5. Similar to the PCB investigations described above for Group 4B, subsurface soil samples will be collected from depth increments of 1 to 3 feet, 3 to 5 feet, 5 to 7 feet, and/or 7 to 9 feet (Table 5). Analyses of the subsurface soil samples for non-PCB constituents will be conducted in an iterative manner, with those samples located between 1 and 7 feet (eight of the 10 subsurface samples) subject to initial analysis. Samples collected from the 7- to 9-foot depth increment will be held for subsequent analysis depending on the results of the corresponding PCB analyses. For example, if the PCB results for the 5- to 7-foot depth increment at a given evaluation area do not define the vertical extent of PCBs, then the PCB and non-PCB samples collected from the 7- to 9-foot depth increment at that area will be analyzed.

Group 4C

Initial pre-design non-PCB sampling for the Group 4C properties and the adjacent portion of Parcel I6-1-105 will involve the collection of 45 soil samples from 19 locations, as shown on Figure 5. Of these proposed samples, 13 will be surface samples (0- to 1-foot sample depth) and 32 will be collected from subsurface soils, as shown in Table 6. Subsurface samples within the current Group 4C floodplain properties will be collected from the 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and/or 10- to 15-foot depth increments (Table 6). Subsurface samples within Parcel I6-1-105 will be collected from two borings from the 1- to 2-foot, 2- to 4-foot, 4- to 6-foot, 6- to 8-foot, and/or 8- to 10-foot depth increments (Table 6). Analyses of the subsurface soil samples for non-PCB constituents will be conducted in an iterative manner, with those samples located between 1 and 6 feet (17 of the 32 subsurface samples) subject to initial analysis. Samples collected from deeper increments will be held for subsequent analysis depending on the results of the corresponding PCB analyses. For example, if the PCB results for the 3- to 6-foot depth increment at a given non-residential property within the Group 4C do not define the vertical extent of PCBs, then all of the PCB and non-PCB samples collected from the 6- to 10-foot depth increment at that property will be analyzed.

Constituents for Analysis

During the performance of the non-PCB investigations described above, GE proposes to analyze the samples for Appendix IX+3 semi-volatile organic compounds (SVOCs), inorganics, and polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDDs/PCDFs). Based on a review of the existing Appendix IX+3 data, and consistent with the Appendix IX+3 sampling and analysis performed at the Phase 3 floodplain properties, analysis of these samples for volatile organic compounds (VOCs), pesticides, or herbicides is not warranted.

5. Future Activities and Proposed Schedule

GE proposes to perform the PCB and non-PCB sampling activities described herein and to submit an Interim Pre-Design Investigation Report to EPA within 4 months from EPA's approval of this Work Plan Addendum, subject to obtaining access agreements in a timely manner and subject to potential seasonal constraints on performing the investigations. That report will include the results of the PCB sampling performed, an evaluation of additional PCB and Appendix IX+3 data needs, a proposal (as may be appropriate) for additional sampling activities to satisfy those data needs, a proposal for expanding the Group 4C properties to include portions of one or more adjacent properties (as appropriate), and a proposed schedule for conducting those additional investigations, as well as future reporting. If a delay occurs in obtaining access permission or the schedule for the proposed sampling and submission of the Interim Pre-Design Investigation Report is delayed due to seasonal constraints or other factors, GE will notify EPA and propose a revised schedule.

Please contact Dick Gates or me with any questions.

Sincerely,

Andrew T. Silfer/Acc

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

Enclosure
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Tables

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TABLE 1
GE EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Volatile Organics	
None Detected	--
Semivolatile Organics	
2,4-Dimethylphenol	0.072 J
Acenaphthene	0.051 J
Acenaphthylene	0.12 J
Anthracene	0.19 J
Benzo(a)anthracene	0.69
Benzo(a)pyrene	0.68
Benzo(b)fluoranthene	0.80
Benzo(g,h,i)perylene	0.17 J
Benzo(k)fluoranthene	0.37 J
bis(2-Ethylhexyl)phthalate	0.071 J
Chrysene	0.73
Dibenzo(a,h)anthracene	0.063 J
Dibenzofuran	0.037 J
Fluoranthene	1.3
Fluorene	0.093 J
Indeno(1,2,3-cd)pyrene	0.19 J
Pentachlorobenzene	0.024 J
Phenanthrene	0.75
Pyrene	0.94
Furans	
2,3,7,8-TCDF	0.000047 Y
TCDFs (total)	0.00023
1,2,3,7,8-PeCDF	0.000020
2,3,4,7,8-PeCDF	0.000029
PeCDFs (total)	0.00026
1,2,3,4,7,8-HxCDF	0.000043
1,2,3,6,7,8-HxCDF	0.000019
1,2,3,7,8,9-HxCDF	ND(0.00000087)
2,3,4,6,7,8-HxCDF	0.0000089
HxCDFs (total)	0.00025
1,2,3,4,6,7,8-HpCDF	0.00016
1,2,3,4,7,8,9-HpCDF	0.000013
HpCDFs (total)	0.00033
OCDF	0.00017
Total Furans	0.0012
Dioxins	
2,3,7,8-TCDD	0.00000084 J
TCDDs (total)	0.0000080
1,2,3,7,8-PeCDD	ND(0.0000014)
PeCDDs (total)	ND(0.0000051)
1,2,3,4,7,8-HxCDD	ND(0.0000017)
1,2,3,6,7,8-HxCDD	0.0000051 J
1,2,3,7,8,9-HxCDD	0.0000033 J
HxCDDs (total)	0.000041
1,2,3,4,6,7,8-HpCDD	0.000098
HpCDDs (total)	0.00018
OCDD	0.00095
Total Dioxins	0.0012
Total TEQs (WHO TEFs)	0.000032

TABLE 1
GE EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Inorganics	
Antimony	0.280 B
Arsenic	3.10
Barium	31.3
Beryllium	0.270 B
Cadmium	0.310 B
Chromium	12.9
Cobalt	7.60
Copper	20.2
Lead	30.8
Mercury	0.120
Nickel	12.1
Vanadium	10.4
Zinc	76.9

Notes:

1. Samples were submitted to Quanterra Environmental Services, Inc. for analysis.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. With the exception of dioxin/furans, only detected constituents are summarized.
4. 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.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

TABLE 2
EPA EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Semivolatile Organics				
1,2,4-Trichlorobenzene	0.071 J [0.078 J]	0.025 J	0.053 J	ND(0.38)
1,4-Dichlorobenzene	0.086 J [0.074 J]	0.025 J	0.038 J	ND(0.38)
2-Methylnaphthalene	0.19 J [0.20 J]	ND(0.42)	0.024 J	0.026 J
2-Methylphenol	0.020 J [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.38)
4-Methylphenol	0.032 J [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.38)
4-Nitroquinoline-1-oxide	ND(0.44) [R]	R	R	R
4-Phenylenediamine	ND(0.44) J [R]	ND(0.42) J	ND(0.37) J	ND(0.38) J
Acenaphthene	0.066 J [0.066 J]	0.020 J	0.028 J	ND(0.38)
Acenaphthylene	0.15 J [0.41 J]	0.045 J	0.056 J	0.067 J
Anthracene	0.22 J [0.27 J]	0.043 J	0.088 J	0.049 J
Benzo(a)anthracene	1.2 [1.4]	0.40 J	0.33 J	0.21 J
Benzo(a)pyrene	1.4 J [1.3]	0.40 J	0.30 J	0.24 J
Benzo(b)fluoranthene	0.93 [1.3]	0.37 J	0.25 J	0.15 J
Benzo(g,h,i)perylene	1.4 J [1.4]	0.36 J	0.16 J	0.14 J
Benzo(k)fluoranthene	1.2 J [1.1]	0.52	0.36 J	0.24 J
bis(2-Ethylhexyl)phthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.38)
Chrysene	1.4 [1.3]	0.51	0.35 J	0.23 J
Dibenzo(a,h)anthracene	0.39 J [0.39 J]	0.074 J	ND(0.37)	ND(0.38)
Dibenzofuran	0.048 J [0.058 J]	ND(0.42)	0.021 J	ND(0.38)
Diethylphthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.38)
Di-n-Butylphthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.38)
Fluoranthene	1.8 [1.6]	0.56	0.55 J	0.26 J
Fluorene	0.072 J [0.076 J]	0.026 J	0.041 J	0.021 J
Indeno(1,2,3-cd)pyrene	1.2 J [0.94]	0.34 J	0.14 J	0.11 J
Naphthalene	0.38 J [0.35 J]	0.13 J	0.067 J	0.046 J
Pentachlorobenzene	ND(0.44) [ND(0.44)]	ND(0.42)	0.031 J	ND(0.38)
Phenanthrene	0.82 [0.82]	0.29 J	0.36 J	0.13 J
Phenol	0.072 J [0.084 J]	0.021 J	ND(0.37)	ND(0.38)
Pyrene	2.2 [2.5]	0.68	0.55	0.35 J
Organochlorine Pesticides				
4,4'-DDE	ND(0.45) [ND(0.91)]	ND(0.22)	ND(0.76)	ND(0.079)
Dieldrin	R [ND(0.91)]	ND(0.22)	ND(0.76)	ND(0.079)
Kepone	R [R]	R	R	R
Organophosphate Pesticides				
None Detected	NA	NA	NA	--
Herbicides				
None Detected	--	--	--	--
Furans				
2,3,7,8-TCDF	0.000080 [0.000090]	0.000022	0.000076	0.0000051
TCDFs (total)	0.0028 J [0.0039 J]	0.00094 J	0.00055 J	0.000051 J
1,2,3,7,8-PeCDF	0.000061 [0.000078 J]	0.000021 J	0.000037	0.0000022
2,3,4,7,8-PeCDF	0.000073 [0.000086]	0.000020	0.000062	0.0000042
PeCDFs (total)	0.0049 J [0.0060 J]	0.0016 J	0.00063 J	0.000090 J
1,2,3,4,7,8-HxCDF	0.00011 [0.00013]	0.000035	0.000054	0.0000057
1,2,3,6,7,8-HxCDF	0.000044 [0.000042]	0.000050 J	0.000022	0.0000019
1,2,3,7,8,9-HxCDF	0.000017 [0.000019]	0.0000054	0.0000084	0.0000010
2,3,4,6,7,8-HxCDF	0.000035 [0.000040]	0.0000073 J	0.000023 J	0.0000018 J
HxCDFs (total)	0.0044 J [0.0042 J]	0.0023 J	0.00037 J	0.000066 J
1,2,3,4,6,7,8-HpCDF	0.00097 J [0.00091 J]	0.00014	0.000098 J	0.000018 J
1,2,3,4,7,8,9-HpCDF	0.000046 [0.000057]	0.000013	0.000017	0.0000025
HpCDFs (total)	0.0018 J [0.0017 J]	0.00024	0.00021 J	0.000037 J
OCDF	0.00049 [0.00056]	0.000081	0.00016	0.000021

TABLE 2
EPA EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Dioxins				
2,3,7,8-TCDD	0.0000019 [0.0000021]	0.00000054	0.00000087	0.00000068
TCDDs (total)	0.000029 [0.000042]	0.000011	0.0000087	0.0000019
1,2,3,7,8-PeCDD	0.0000085 J [0.0000091 J]	0.0000020 J	0.0000013 J	0.00000047 J
PeCDDs (total)	0.000082 J [0.00011 J]	0.000026 J	0.000010 J	0.0000041 J
1,2,3,4,7,8-HxCDD	0.0000090 [0.000012]	0.0000028	0.0000012	0.00000044 J
1,2,3,6,7,8-HxCDD	0.000017 [0.000022]	0.0000050	0.0000034	0.00000073
1,2,3,7,8,9-HxCDD	0.0000095 [0.000013]	0.0000035	0.0000018	0.00000051 J
HxCDDs (total)	0.00021 [0.00027]	0.000074	0.000033	0.0000097
1,2,3,4,6,7,8-HpCDD	0.00018 [0.00024]	0.000045	0.000059	0.0000077
HpCDDs (total)	0.00034 [0.00045]	0.000092	0.00010	0.000015
OCDD	0.0012 [0.0017]	0.00031	0.00054	0.000067
Total TEQs (WHO TEFs)	0.000094 [0.00011]	0.000029	0.000056	0.0000054
Inorganics				
Antimony	ND(0.650) J [1.30 J]	ND(0.710) J	0.900	ND(0.660)
Arsenic	4.60 [5.00]	4.50	3.60	2.90
Barium	51.0 [53.5]	54.2	24.0	32.2
Beryllium	0.280 [0.290]	0.340	ND(0.0300)	ND(0.170)
Chromium	22.9 J [21.5 J]	16.7 J	23.9	10.0
Cobalt	8.70 [8.90]	10.1	8.10	8.10
Copper	61.8 [59.7]	35.3	22.5	13.0 J
Lead	108 [102]	58.9	72.2	11.8
Mercury	0.230 J [0.230 J]	0.110 J	ND(0.0200)	ND(0.0200)
Nickel	13.6 [13.4]	13.7	16.5	12.9
Selenium	0.340 J [ND(0.260) J]	ND(0.270) J	ND(0.450) J	ND(0.500) J
Silver	ND(0.330) [ND(0.410)]	ND(0.210)	ND(0.120)	ND(0.130)
Sulfide	ND(6.50) J [ND(6.50) J]	ND(6.30) J	ND(5.50)	ND(5.70)
Thallium	ND(0.550) [ND(0.600)]	ND(0.600)	ND(0.510)	ND(0.560)
Tin	12.1 [11.0]	ND(5.80)	ND(1.70)	ND(1.40)
Vanadium	13.9 [13.8]	14.9	8.50	10.1
Zinc	143 [142]	104	59.1	53.5

TABLE 2
EPA EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Semivolatile Organics				
1,2,4-Trichlorobenzene	0.043 J	0.031 J	NA	ND(0.43)
1,4-Dichlorobenzene	0.046 J	0.040 J	NA	ND(0.43)
2-Methylnaphthalene	0.037 J	0.052 J	NA	ND(0.43)
2-Methylphenol	ND(0.41)	ND(0.39) J	NA	ND(0.43) J
4-Methylphenol	ND(0.41)	ND(0.39) J	NA	ND(0.43)
4-Nitroquinoline-1-oxide	R	ND(0.39)	NA	ND(0.43)
4-Phenylenediamine	R	R	NA	R
Acenaphthene	0.027 J	0.046 J	NA	ND(0.43) J
Acenaphthylene	0.024 J	0.055 J	NA	ND(0.43) J
Anthracene	0.074 J	0.15 J	NA	ND(0.43) J
Benzo(a)anthracene	0.42	0.61 J	NA	0.020 J
Benzo(a)pyrene	0.44 J	0.54 J	NA	0.020 J
Benzo(b)fluoranthene	0.42	0.47	NA	0.022 J
Benzo(g,h,i)perylene	0.27 J	0.21 J	NA	ND(0.43)
Benzo(k)fluoranthene	0.39 J	0.62	NA	0.021 J
bis(2-Ethylhexyl)phthalate	0.036 J	ND(0.39)	NA	ND(0.43)
Chrysene	0.46	0.64	NA	0.023 J
Dibenzo(a,h)anthracene	0.10 J	0.093 J	NA	ND(0.43)
Dibenzofuran	0.024 J	0.038 J	NA	ND(0.43) J
Diethylphthalate	0.021 J	ND(0.39)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.41)	ND(0.39)	NA	0.027 J
Fluoranthene	0.70 J	0.92 J	NA	ND(0.43) J
Fluorene	0.042 J	0.089 J	NA	ND(0.43)
Indeno(1,2,3-cd)pyrene	0.26 J	0.30 J	NA	0.022 J
Naphthalene	0.075 J	0.11 J	NA	ND(0.43) J
Pentachlorobenzene	0.057 J	0.024 J	NA	ND(0.43)
Phenanthrene	0.41	0.72 J	NA	ND(0.43) J
Phenol	ND(0.41)	ND(0.39)	NA	ND(0.43)
Pyrene	0.90 J	0.86	NA	0.026 J
Organochlorine Pesticides				
4,4'-DDE	ND(0.84)	ND(0.80)	NA	0.0047
Dieldrin	ND(0.84)	ND(0.80)	NA	R
Kepone	R	R	NA	R
Organophosphate Pesticides				
None Detected	NA	NA	NA	--
Herbicides				
None Detected	--	--	NA	--
Furans				
2,3,7,8-TCDF	0.000060	NA	0.000065	0.0000020
TCDFs (total)	0.00042 J	NA	0.00033	0.000016
1,2,3,7,8-PeCDF	0.000038	NA	0.000043	0.0000015
2,3,4,7,8-PeCDF	0.000055	NA	0.000055	0.0000020
PeCDFs (total)	0.00049 J	NA	0.00049	0.000021
1,2,3,4,7,8-HxCDF	0.000057	NA	0.000065	0.0000027
1,2,3,6,7,8-HxCDF	0.000026	NA	0.000032	0.0000013
1,2,3,7,8,9-HxCDF	0.0000095	NA	0.0000082	ND(0.00000044)
2,3,4,6,7,8-HxCDF	0.000023	NA	0.000024	0.0000013
HxCDFs (total)	0.00042 J	NA	0.00035 J	0.000022
1,2,3,4,6,7,8-HpCDF	0.00026 J	NA	0.00012	0.000017
1,2,3,4,7,8,9-HpCDF	0.000019	NA	0.000021	0.00000092
HpCDFs (total)	0.00051 J	NA	0.00026	0.000030
OCDF	0.00026	NA	0.00020	0.000010

TABLE 2
EPA EXISTING APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION WORKPLAN ADDENDUM FOR THE PHASE 4 - GROUPS 4B & 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Dioxins				
2,3,7,8-TCDD	0.0000012	NA	0.00000094	ND(0.00000012)
TCDDs (total)	0.000014	NA	0.0000038	ND(0.00000012)
1,2,3,7,8-PeCDD	0.0000020 J	NA	0.0000020	0.00000025
PeCDDs (total)	0.000013 J	NA	0.000014	ND(0.00000012)
1,2,3,4,7,8-HxCDD	0.0000028	NA	0.0000017	0.00000024
1,2,3,6,7,8-HxCDD	0.0000074	NA	0.0000046	0.00000058
1,2,3,7,8,9-HxCDD	0.0000043	NA	0.0000026	0.00000034
HxCDDs (total)	0.000062	NA	0.000041	0.0000054
1,2,3,4,6,7,8-HpCDD	0.00015	NA	0.000090	0.0000070
HpCDDs (total)	0.00027	NA	0.00016	0.000013
OCDD	0.0014	NA	0.00092	0.000049
Total TEQs (WHO TEFs)	0.000056	NA	0.000055	0.0000025
Inorganics				
Antimony	ND(0.680)	ND(0.320)	NA	ND(0.490)
Arsenic	2.80	2.20	NA	2.10
Barium	31.8	19.7 J	NA	21.1
Beryllium	0.150	0.250 J	NA	0.0500 J
Chromium	12.7	10.8	NA	8.30
Cobalt	7.20	5.50	NA	7.20
Copper	21.9	18.4	NA	9.80
Lead	32.0	29.9	NA	7.20
Mercury	0.100	0.0600	NA	0.0300
Nickel	11.7 J	9.90	NA	11.0
Selenium	0.580	ND(0.370)	NA	ND(0.440)
Silver	ND(0.130)	0.170 J	NA	ND(0.120) J
Sulfide	ND(6.10)	6.80	NA	ND(6.30)
Thallium	ND(0.580)	1.40	NA	0.520
Tin	ND(4.10) J	ND(2.20)	NA	ND(1.20)
Vanadium	10.9	9.10	NA	9.20
Zinc	78.3	63.7	NA	43.7

Notes:
1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
4. 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.
5. -- Indicates that all constituents for the parameter group were not detected.
6. NA - Not Analyzed - Laboratory did not report results for this analyte.

Data Qualifiers:

Organics (semivolatiles, pesticides, herbicides, dioxin/furans)
- J - Estimated Value.
- R - Data was rejected.

Inorganics
- J - Estimated Value.

TABLE 3
PROPOSED PCB SAMPLES FROM SOIL BORINGS BY DEPTH

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR THE PHASE 4 - GROUP 4B FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

4B-SB-1	X	X	X	X	Y
4B-SB-2	X	X	X	X	Y
4B-SB-3	X	X	X	X	Y
4B-SB-4	X	X	X	X	Y
4B-SB-5	X	X	X	X	Y
4B-SB-6	X	X	X	X	Y
4B-SB-7	X	X	X	X	Y
4B-SB-8	X	X	X	X	Y
4B-SB-9	X	X	X	X	Y
4B-SB-10	X	X	X	X	Y

Notes:

1. X - Indicates proposed sampling depth for samples to be analyzed for PCBs.
2. Y - Indicates proposed sampling depth for samples to be held for possible future analysis contingent upon the results of analyzed samples.
3. Proposed sample locations are shown on Figure 2.

TABLE 4
PROPOSED PCB SAMPLES FROM SOIL BORINGS BY DEPTH

PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR THE PHASE 4 - GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

4C-SB-1	--	--	X	--	X	--	--	Y	--	Y
4C-SB-2	--	--	X	--	X	--	--	Y	--	Y
4C-SB-3	--	--	X	--	X	--	--	Y	--	Y
4C-SB-4	X	X	--	X	--	X	Y	--	Y	--
4C-SB-5	--	--	X	--	X	--	--	Y	--	Y
4C-SB-6	--	--	X	--	X	--	--	Y	--	Y
4C-SB-7	--	--	X	--	X	--	--	Y	--	Y
4C-SB-8	X	X	--	X	--	X	Y	--	Y	--
4C-SB-9	--	--	X	--	X	--	--	Y	--	Y
4C-SB-10	--	--	X	--	X	--	--	Y	--	Y
4C-SB-11	--	--	X	--	X	--	--	Y	--	Y
4C-SB-12	X	X	--	X	--	X	Y	--	Y	--
4C-SB-13	--	--	X	--	X	--	--	Y	--	Y
4C-SB-14	--	--	X	--	X	--	--	Y	--	Y
4C-SB-15	--	--	X	--	X	--	--	Y	--	Y
4C-SB-16	--	--	X	--	X	--	--	Y	--	Y
4C-SB-17	--	--	X	--	X	--	--	Y	--	Y
4C-SB-18	--	--	X	--	X	--	--	Y	--	Y
4C-SB-19	--	--	X	--	X	--	--	Y	--	Y
4C-SB-20	--	--	X	--	X	--	--	Y	--	Y
4C-SB-21	--	--	X	--	X	--	--	Y	--	Y
4C-SB-22	X	X	--	X	--	X	Y	--	Y	--
4C-SB-23	--	--	X	--	X	--	--	Y	--	Y
4C-SB-24	--	--	X	--	X	--	--	Y	--	Y
4C-SB-25	--	--	X	--	X	--	--	Y	--	Y
4C-SB-26	--	--	X	--	X	--	--	Y	--	Y
4C-SB-27	--	--	X	--	X	--	--	Y	--	Y
4C-SB-28	--	--	X	--	X	--	--	Y	--	Y
4C-SB-29	X	X	--	X	--	X	Y	--	Y	--
4C-SB-30	--	--	X	--	X	--	--	Y	--	Y

Notes:

1. -- - indicates sample not anticipated to be collected from the specified depth increment.
2. X - Indicates proposed sampling depth for samples to be analyzed for PCBs.
3. Y - Indicates proposed sampling depth for samples to be held for possible future analysis contingent upon the results of analyzed samples.
4. Proposed sample locations are shown on Figure 3.

TABLE 5
SUMMARY OF PROPOSED APPENDIX IX+3 SAMPLING LOCATIONS AND ASSOCIATED DEPTH INTERVALS

PDI WORK PLAN ADDENDUM - PHASE 4, GROUP 4B FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL I6-1-66 (WEST)					
4B-SB-6	X	X	--	--	--
4B-SB-8	X	--	--	X	--
4B-SB-9	--	X	--	--	Y
4B-SB-10	X	--	X	--	--
PARCEL I6-1-67 (WEST)					
4B-SB-2	X	X	--	--	Y
4B-SB-3	X	--	X	--	--
4B-SB-4	X	--	--	X	--
4B-SB-5	--	X	--	--	--

Notes:
1. X - Indicates proposed sampling depth for samples to be analyzed for SVOCs, inorganics, and PCDDs/PCDFs.
2. Y - Indicates proposed sampling depth for samples to be held for possible future analysis of above constituents.
3. -- = No sample proposed for collection.
4. Proposed sample locations are shown on Figure 4.

TABLE 6
SUMMARY OF PROPOSED APPENDIX IX+3 SAMPLING LOCATIONS AND ASSOCIATED DEPTH INTERVALS

PDI WORK PLAN ADDENDUM - PHASE 4, GROUP 4C FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL I6-1-62										
4C-SB-9	X	--	--	--	X	--	--	Y	--	--
4C-SB-10	X	--	--	--	--	--	--	--	--	Y
4C-SB-11	--	--	X	--	--	--	--	--	--	--
PARCEL I6-1-103										
4C-SB-1	X	--	--	--	--	--	--	Y	--	--
4C-SB-3	X	--	--	--	X	--	--	--	--	Y
4C-SB-27	--	--	X	--	--	--	--	--	--	--
PARCEL I6-1-104										
4C-SB-2	X	--	--	--	X	--	--	Y	--	--
4C-SB-5	X	--	X	--	--	--	--	--	--	Y
4C-SB-6	X	--	--	--	X	--	--	--	--	--
4C-SB-7	--	--	X	--	--	--	--	Y	--	--
PARCEL I6-1-105										
4C-SB-22	X	X	--	--	--	X	--	--	Y	--
4C-SB-29	X	--	--	X	--	--	Y	--	--	--
PARCEL I6-1-106										
4C-SB-13	X	--	X	--	--	--	--	Y	--	--
4C-SB-15	--	--	--	--	X	--	--	--	--	--
4C-SB-17	X	--	X	--	--	--	--	--	--	Y
4C-SB-19	X	--	--	--	X	--	--	--	--	Y
4C-SB-20	--	--	--	--	X	--	--	--	--	Y
4C-SB-21	X	--	--	--	--	--	--	Y	--	--
4C-SB-23	--	--	X	--	--	--	--	Y	--	--

Notes:
1. X - Indicates proposed sampling depth for samples to be analyzed for SVOCs, inorganics, and PCDDs/PCDFs.
2. Y - Indicates proposed sampling depth for samples to be held for possible future analysis of above constituents.
3. -- = No sample proposed for collection.
4. Proposed sample locations are shown on Figure 5.

Figures

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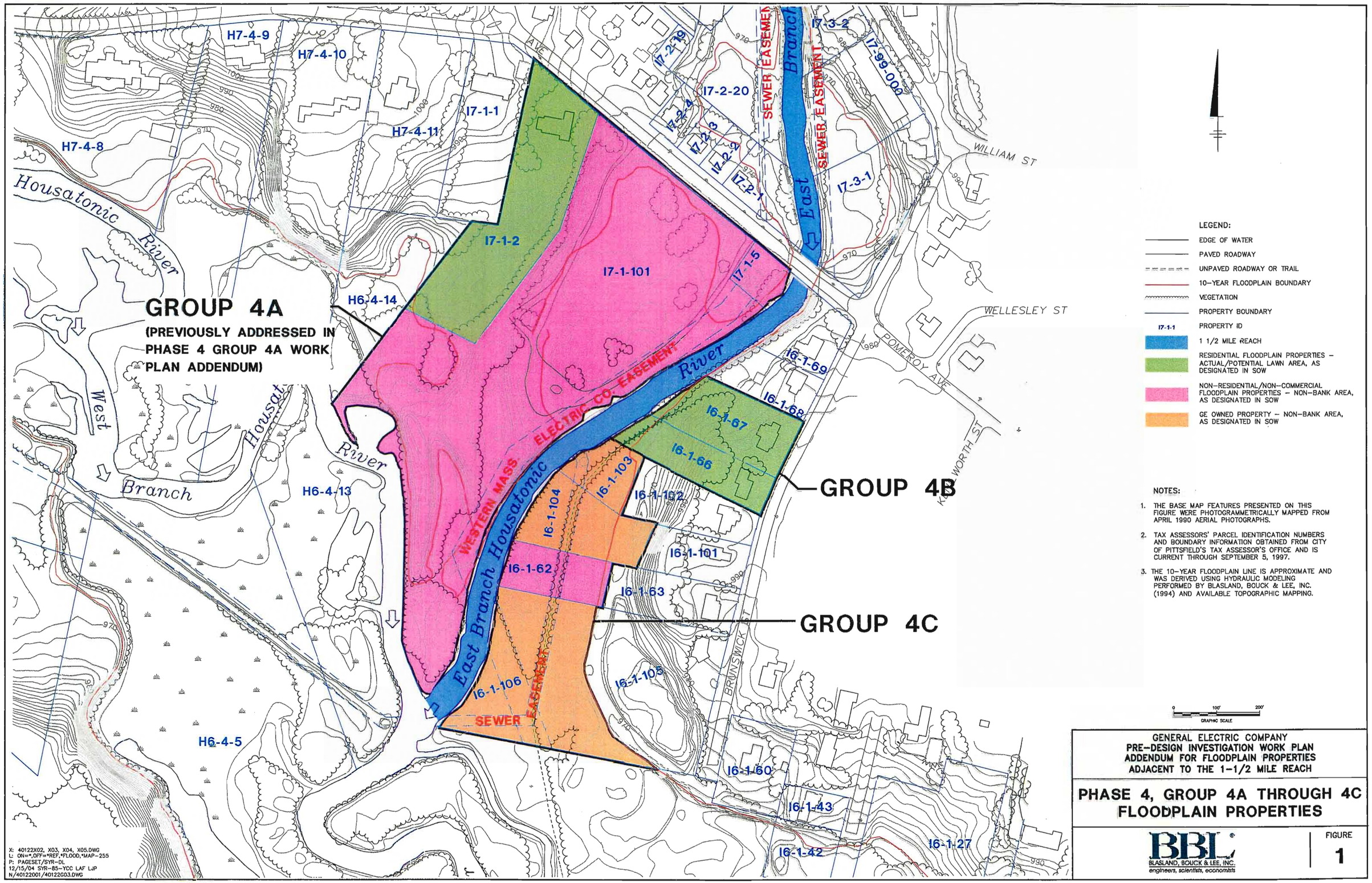

GENERAL ELECTRIC COMPANY
PRE-DESIGN INVESTIGATION WORK PLAN
ADDENDUM FOR FLOODPLAIN PROPERTIES
ADJACENT TO THE 1-1/2 MILE REACH

PHASE 4, GROUP 4A THROUGH 4C FLOODPLAIN PROPERTIES

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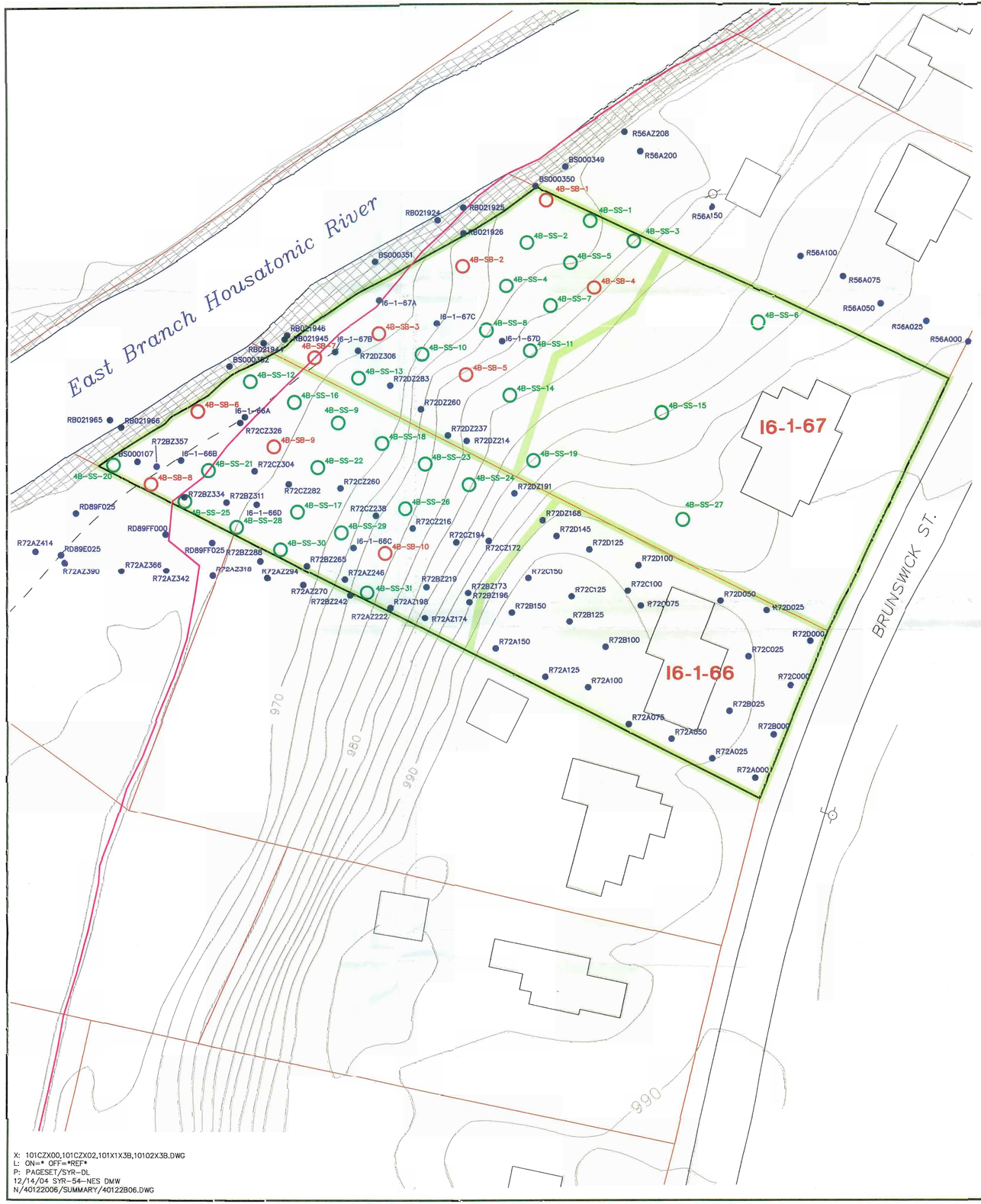
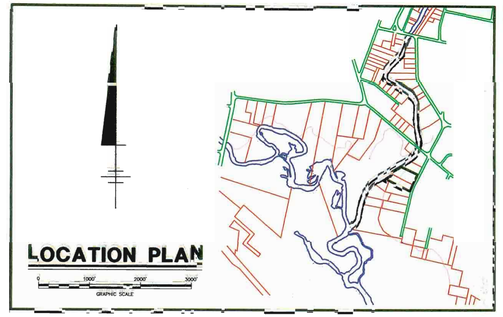
FIGURE 1





SUMMARY OF PRIOR PCB SOIL SAMPLE RESULTS

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

PRIOR EPA SAMPLE RESULTS

Location ID	0–0.5	0–1	0.5–1	1–1.5	1–2	1.5–2	2–2.5	2–3	3–3.5	3–4	4–4.5	4–5	5–5.5	5–6
BS000107	----	----	----	----	----	----	----	----	60.1	----	4.04	----	1.89	----
BS000349	----	0.21	----	----	ND(0.019)	----	----	0.81	----	----	----	----	----	----
BS000350	----	0.28	----	----	0.031	----	----	0.030	----	----	----	----	----	----
BS000351	----	----	----	----	----	----	----	----	----	2.8 J	0.14	----	0.094 J	
BS000352	----	----	----	----	----	----	----	----	----	20 J	ND(0.022)	----	0.095 J	
R56A000	ND(0.50) [0.18 J]	----	ND(0.50)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R56A025	ND(0.60)	----	ND(0.60)	ND(0.50)	----	ND(0.60)	----	----	----	----	----	----	----	----
R56A050	ND(0.60)	----	ND(0.50)	ND(0.50)	----	ND(0.60)	----	----	----	----	----	----	----	----
R56A075	ND(0.60) [ND(0.50)]	----	ND(0.50)	ND(0.50)	----	ND(0.60)	----	----	----	----	----	----	----	----
R56A100	ND(0.60)	----	ND(0.50)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R56A150	ND(0.70)	----	ND(0.50)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R56A200	0.30 J [0.33]	----	ND(0.50)	ND(0.50)	----	----	----	----	----	----	----	----	----	----
R56A208	ND(0.60) [0.20]	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72A000	ND(0.60) [ND(0.50)]	----	ND(0.60)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72A025	ND(0.60)	----	ND(0.50)	ND(0.50)	----	ND(0.60)	----	----	----	----	----	----	----	----
R72A050	ND(0.60) [0.11]	----	ND(0.50)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72A075	0.60	----	ND(0.50)	ND(0.50)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72A100	ND(0.60)	----	ND(0.50)	ND(0.50)	----	ND(0.50) [ND(0.10)]	----	----	----	----	----	----	----	----
R72A125	0.30 J	----	ND(0.40)	ND(0.60)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72A150	0.40 J	----	ND(0.50)	ND(0.50)	----	ND(0.60) [ND(0.40)]	----	----	----	----	----	----	----	----
R72A2174	ND(0.60) [ND(0.11)]	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72A2198	ND(0.60)	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72A2222	ND(0.50)	----	----	ND(0.50) [ND(0.10)]	----	----	ND(0.40)	----	----	----	----	----	----	----
R72A2246	ND(0.60)	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72A2270	0.90 [1.2 J]	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72A2294	3.6	----	----	0.20 J	----	----	0.40 J [0.11]	----	----	----	----	----	----	----
R72A2318	9.7	----	----	0.70	----	----	0.40 J	----	----	----	----	----	----	----
R72A2342	24 J	----	----	1.7	----	----	1.6	----	----	----	----	----	----	----
R72A2366	20	----	----	2.8	----	----	0.40 J	----	----	----	----	----	----	----
R72A2390	72 [83]	----	----	11	----	----	1.1	----	----	----	----	----	----	----
R72A2414	54	----	----	100	----	----	6.4	----	----	----	----	----	----	----
R72B000	ND(0.50)	----	ND(0.60)	ND(0.40)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72B025	0.20 J [ND(0.11)]	----	ND(0.60)	ND(0.50)	----	ND(0.60)	----	----	----	----	----	----	----	----
R72B100	ND(0.50)	----	ND(0.50) [ND(0.50)]	ND(0.40)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72B125	ND(0.50)	----	0.50 J	ND(0.50)	----	ND(0.40)	----	----	----	----	----	----	----	----
R72B150	ND(0.60)	----	ND(0.50) [ND(0.11)]	ND(0.60)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72B2173	ND(0.60)	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2196	0.20 J	----	----	0.20 J	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2219	ND(0.60)	----	----	ND(0.50) [ND(0.50)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2242	0.20 J	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2265	1.4 J	----	----	ND(0.50) [ND(0.10)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2288	4.6	----	----	0.60	----	----	0.40 J	----	----	----	----	----	----	----
R72B2311	9.4	----	----	0.80 J	----	----	ND(0.50)	----	----	----	----	----	----	----
R72B2334	23	----	----	8.8 J	----	----	1.7	----	----	----	----	----	----	----
R72B2357	60	----	----	11	----	----	1.0 [0.82]	----	----	----	----	----	----	----
R72C000	ND(0.60)	----	ND(0.50)	ND(0.50) [ND(0.10)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C025	ND(0.60)	----	ND(0.50)	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C075	ND(0.60)	----	ND(0.50)	ND(0.60)	----	----	ND(0.60)	----	----	----	----	----	----	----
R72C100	ND(0.50)	----	ND(0.50)	ND(0.50) [ND(0.10)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C125	ND(0.50)	----	ND(0.50)	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C150	ND(0.60)	----	ND(0.50)	ND(0.50) [ND(0.090)] [ND(0.50)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C2172	0.20 J [0.16]	----	----	ND(0.50)	----	----	----	----	----	----	----	----	----	----
R72C2194	0.20 J	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C2216	ND(0.70)	----	----	ND(0.50) [ND(0.60)]	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C2238	0.20 J	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72C2260	0.60 J	----	----	ND(0.50)	----	----	0.20 J	----	----	----	----	----	----	----
R72C2282	2.6	----	----	0.70 [0.84]	----	----	0.30 J	----	----	----	----	----	----	----
R72C2304	13	----	----	ND(0.50)	----	----	0.20 J [0.40 J]	----	----	----	----	----	----	----
R72C2326	89	----	----	7.5	----	----	2.3	----	----	----	----	----	----	----
R72D000	ND(0.60)	----	ND(0.50)	ND(0.60)	----	ND(0.50)	----	----	----	----	----	----	----	----
R72D025	ND(0.50)	----	ND(0.50)	ND(0.50)	----	ND(0.40)	----	----	----	----	----	----	----	----
R72D050	ND(0.40)	----	ND(0.40)	ND(0.50) [ND(0.090)]	----	ND(0.50)	----	----	----	----	----	----	----	----
R72D100	ND(0.50)	----	ND(0.50)	ND(0.50)	----	ND(0.40)	----	----	----	----	----	----	----	----
R72D125	ND(0.50)	----	ND(0.50)	ND(0.60)	----	ND(0.50) [ND(0.10)]	----	----	----	----	----	----	----	----
R72D145	0.50 [ND(0.50)]	----	0.50 J	ND(0.50)	----	ND(0.50) [ND(0.10)]	----	----	----	----	----	----	----	----
R72D2168	ND(0.50)	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72D2191	ND(0.50)	----	----	ND(0.50)	----	----	ND(0.50) [ND(0.10)]	----	----	----	----	----	----	----
R72D2214	ND(0.50) [ND(0.50)]	----	----	ND(0.50)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72D2237	ND(0.50)	----	----	ND(0.60)	----	----	ND(0.50)	----	----	----	----	----	----	----
R72D2260	0.30 J	----	----	ND(0.50)	----	----	0.20 J	----	----	----	----	----	----	----
R72D2283	1.4	----	----	0.20 J	----	----	0.20 J	----	----	----	----	----	----	----
R72D2306	3.5 [3.9]	----	----	12	----	----	1.3	----	----	----	----	----	----	----
RB021924	5.76	----	----	8.26	----	----	7.73	----	----	----	----	----	----	----
RB021925	19.7 J	----	----	409 J [362 J]	----	----	29.9 J	----	----	20.9	----	4.7	----	5.72 J
RB021926	2.05 J	----	----	1.2	----	----	0.18	----	----	----	----	----	----	----
RB021944	6.82	----	----	18.8	----	----	28.7 [45]	----	----	----	----	----	----	----
RB021945	15.4	----	----	111	----	----	10.6	----	----	6.43	----	20	----	28.8 J
RB021946	10.9 J	----	----	14.7 J	----	----	18.6 J	----	----	----	----	----	----	----
RB021955	----	----	----	95	----	----	----	----	----	81.4 J	----	5.6	----	1.23 J
RB021966	62.7	----	----	87.8	----	----	52.1	----	----	----	----	----	----	----
RD89E025	74	----	51	12 [8.6]	----	----	6.1	----	----	----	----	----	----	----
RD89F025	60	----	77	150	----	----	28	----	----	----	----	----	----	----
RD89FF000	47	----	42	86 J	----	----	11 J	----	----	----	----	----	----	----
RD89FF025	22	----	1.2	0.30 J	----	----	0.38 J	----	----	----	----	----	----	----

PRIOR GE SAMPLE RESULTS

Location ID	0–0.5	0.5–1	1–1.5
I6-1-66A	15	----	----
I6-1-66B	34	----	----
I6-1-66C	0.23	0.12	----
I6-1-66D	3.8	0.17	----
I6-1-67A	44	----	----
I6-1-67B	6.4	----	----
I6-1-67C	2.2 [ND(0.050)]	4.5	----
I6-1-67D	0.21	ND(0.050)	----
RB021965	----	----	131

LEGEND

- APPROXIMATE PARCEL BOUNDARY
- 10–YEAR FLOODPLAIN
- APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
- 970 — TOPOGRAPHIC CONTOUR
- I6-1-67 — RESIDENTIAL PROPERTY PARCEL ID
- R72D025 — PRIOR SOIL BORING LOCATION
- 4B-SS-1 — PROPOSED SURFACE SOIL SAMPLE LOCATION
- 4B-SB-4 — PROPOSED SOIL BORING LOCATION
- AREA TO BE ADDRESSED BY EPA IN 1½ MILE REACH REMOVAL AREA
- BOUNDARY OF FLOODPLAIN PROPERTIES (SEE NOTE 4)
- TRAIL

FIGURE NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM AERIAL PHOTOGRAPHS DATED APRIL 1990.
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. LIMIT OF EPA RESPONSE ACTIONS ASSOCIATED WITH THE 1 1/2 MILE REACH IS BASED ON ELECTRONIC FILE RECEIVED FROM EPA ON NOVEMBER 10, 2004.
5. SAMPLE LOCATIONS ARE APPROXIMATE.

TABLE NOTES:

A. SAMPLE DATA OBTAINED FROM EPA DATABASE TITLED 110703_USEPA_HR_DBASE1.MDB AND GE DATABASE TITLED HR 121201.MDB

B. J = INDICATES ESTIMATED VALUE

C. --- = INDICATES SAMPLE INTERVAL WAS NOT ANALYZED

D. DUPLICATE RESULTS PRESENTED IN BRACKETS

0 30' 60'
GRAPHIC SCALE

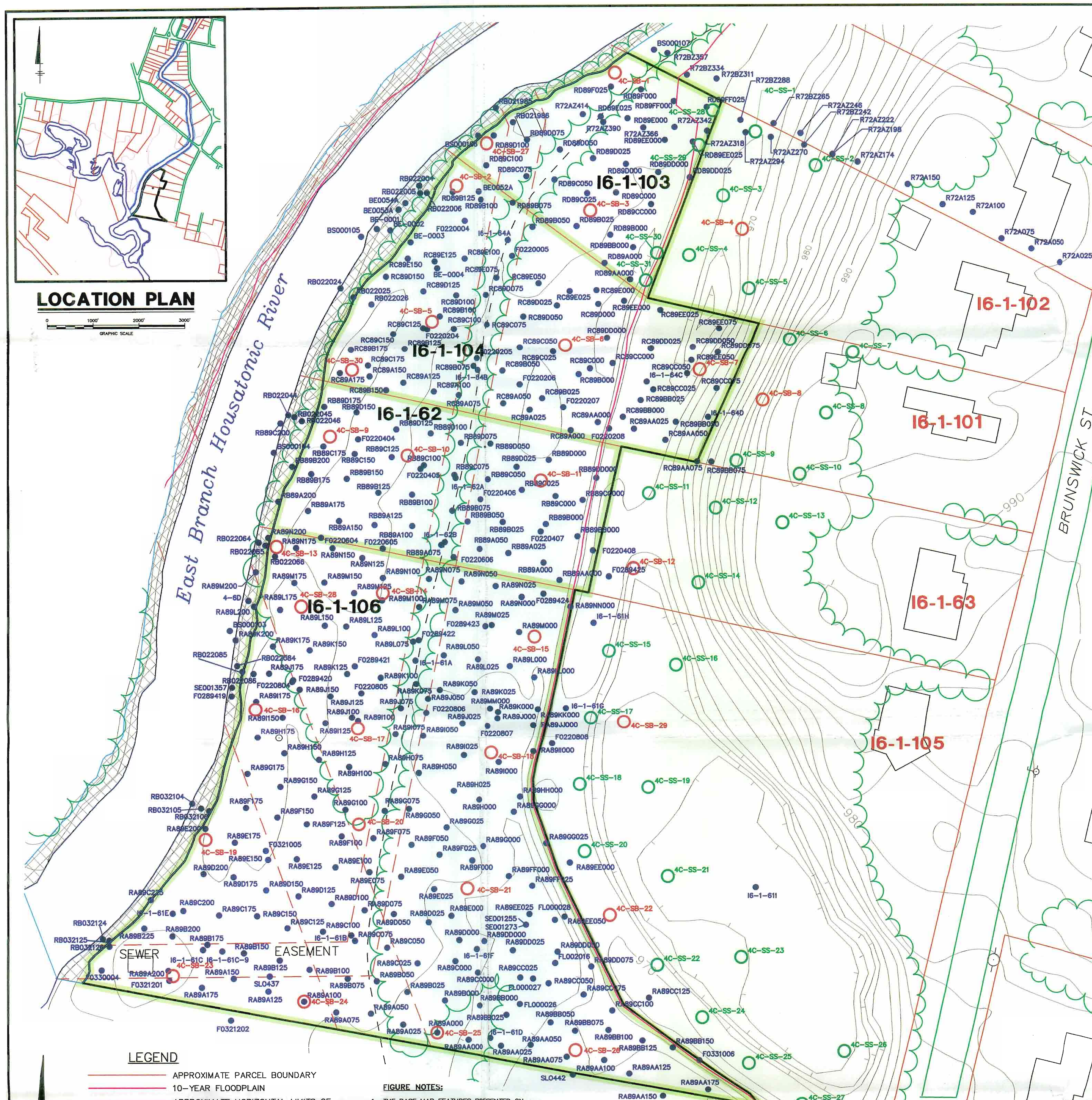
X: 101CZX00,101CZX02,101X1X3B,10102X3B.DWG
L: ON=* OFF=*REF*
P: PAGESET/SYR-DL
12/14/04 SYR-54-NES DMW
N/40122006/SUMMARY/40122B06.DWG

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR FLOODPLAIN PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH

SUMMARY OF SOIL SAMPLING LOCATIONS FOR GROUP 4B

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2



LEGEND

- APPROXIMATE PARCEL BOUNDARY
- 10-YEAR FLOODPLAIN
- APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
- 970 TOPOGRAPHIC CONTOUR
- TRAIL
- FENCELINE
- I6-1-101 RESIDENTIAL PROPERTY PARCEL ID
- I6-1-62 NON-RESIDENTIAL PROPERTY PARCEL ID
- IA-91 PRIOR SOIL BORING LOCATION
- 4C-SS-1 PROPOSED SURFACE SOIL SAMPLE LOCATION
- 4C-SB-2 PROPOSED SOIL BORING LOCATION
- BOUNDARY OF FLOODPLAIN PROPERTIES (SEE NOTE 4)
- AREA TO BE ADDRESSED BY EPA IN 1½ MILE REACH REMOVAL AREA

X: 101CZX00,101CZX02,101X1X3B,101X2X3B.DWG
L: ON=* OFF=*REF*
P: PAGESET/SYR-DL
12/14/04 SYR-54-NES DMW
N/40122006/SUMMARY/40122B05.DWG

FIGURE NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM AERIAL PHOTOGRAPHS DATED APRIL 1990.
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. LIMIT OF EPA RESPONSE ACTIONS ASSOCIATED WITH THE 1 1/2 MILE REACH IS BASED ON ELECTRONIC FILE RECEIVED FROM EPA ON NOVEMBER 10, 2004.
5. SAMPLE LOCATIONS ARE APPROXIMATE.

TABLE NOTES:

A. SAMPLE DATA OBTAINED FROM EPA DATABASE TITLED 110703_USEPA_HR_DBASE1.MDB AND GE DATABASE TITLED HR 121201.MDB.
B. J = INDICATES ESTIMATED VALUE.
C. --- = INDICATES SAMPLE INTERVAL WAS NOT ANALYZED.
D. DUPLICATE RESULTS PRESENTED IN BRACKETS.
E. SAMPLE COLLECTED FROM THE 2- TO 2.2-FOOT DEPTH INCREMENT

0 50' 100'
GRAPHIC SCALE

PRIOR GE SAMPLE RESULTS

Location ID	0-0.042	0-0.5	0.042-0.5	0.5-1	1-1.5	2-2.5
4-6D	4.51	---	7.78	---	---	---
I6-1-61A	---	4.0	---	---	---	---
I6-1-61B	---	12	---	---	---	---
I6-1-61C	---	53	---	---	---	---
I6-1-61C-9	---	25	---	---	---	---
I6-1-61D	---	16	---	---	---	---
I6-1-61E	---	37	---	38 [43]	---	---
I6-1-61F	---	9.0	---	5.7	---	---
I6-1-61G	---	0.060	---	ND(0.050)	---	---
I6-1-61H	---	0.14	---	ND(0.050)	---	---
I6-1-61I	---	0.080	---	ND(0.050)	---	---
I6-1-62A	---	6.2	---	---	---	---
I6-1-62B	---	12	---	---	---	---
I6-1-64A	---	46 [34]	---	---	---	---
I6-1-64B	---	0.97	---	---	---	---
I6-1-64C	---	0.45	---	ND(0.050)	---	---
I6-1-64D	---	0.070	---	ND(0.050)	---	---
RB022024	---	15.2 [21.7]	---	---	---	---
RB022044	---	---	---	---	11.8	---
RB022084	---	---	---	---	---	64.1
RB032125	---	23.6	---	---	---	---

SUMMARY OF PRIOR PCB SOIL SAMPLE RESULTS

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

PRIOR EPA SAMPLE RESULTS

Location ID	0-0.08	0-0.17	0-0.5	0.5-1	1-1.5	1.5-2	2-2.2	2-2.5	3-3.5	3.5-4	4-4.5	5-5.5
BE-0001	---	---	4.24	---	13	---	---	30	---	---	---	---
BE-0002	---	---	65	---	180	---	---	51	---	---	---	---
BE-0003	---	---	14	---	83	---	---	57	---	---	---	---
BE-0004	---	---	48	---	0.97	---	---	2.08	---	---	---	---
BE0052A	4.1	---	---	---	---	---	---	---	---	---	---	---
BE0053A	71	---	---	---	---	---	---	---	---	---	---	---
BE0054A	9.3	---	---	---	---	---	---	---	---	---	---	---
BS000103	---	---	---	---	---	---	---	---	17.3 J	---	14.7	14.8
BS000104	---	---	---	---	---	---	---	---	31.8	---	14.2	0.757
BS000105	---	---	---	---	---	---	---	---	69.6	---	42.9	77.3
BS000106	---	---	---	---	---	---	---	---	383	---	53.9	66.1
BS000107	---	---	---	---	---	---	---	---	60.1	---	4.04	1.89
F0220004	---	---	18.3	---	4.05	---	---	1.7 [1.31]	---	---	---	---
F0220005	---	---	21.7	---	ND(0.52)	---	---	1.01	---	---	---	---
F0220204	---	---	17.4 J [13.2 J]	---	0.487 J	---	---	1.24 J	---	---	---	---
F0220205	---	---	43	---	51.4	---	---	4.48	---	---	---	---
F0220206	---	---	12.5	---	ND(1.4)	---	---	ND(1.4)	---	---	---	---
F0220207	---	---	6.44	---	ND(0.92)	---	---	ND(0.61)	---	---	---	---
F0220208	---	---	ND(0.61)	---	ND(0.59)	---	---	ND(0.60)	---	---	---	---
F0220404	---	---	8.33 J [36 J]	---	ND(0.59)	---	---	ND(0.58)	---	---	---	---
F0220405	---	---	5.59	---	ND(0.65)	---	---	ND(0.61)	---	---	---	---
F0220406	---	---	4.61	---	19.2	---	---	ND(0.88)	---	---	---	---
F0220407	---	---	6.35	---	ND(1.4)	---	---	ND(1.3)	---	---	---	---
F0220408	---	---	ND(1.2)	---	ND(1.4)	---	---	ND(1.3)	---	---	---	---
F0220604	---	---	23.8 J	---	ND(0.57)	---	---	ND(0.57)	---	---	---	---
F0220605	---	---	11.6 J	---	ND(0.58)	---	---	ND(0.58) [ND(0.58)]	---	---	---	---
F0220606	---	---	23.5	---	2.3	---	---	2.47	---	---	---	---
F0220804	---	---	33.3 J	---	ND(0.61)	---	---	ND(0.54)	---	---	---	---
F0220805	---	---	10.5 J	---	ND(0.61)	---	---	ND(0.58)	---	---	---	---
F0220806	---	---	24.5	---	2.56	---	---	ND(0.65)	---	---	---	---
F0220807	---	---	6.58 J	---	ND(0.70)	---	---	ND(0.66)	---	---	---	---
F0220808	---	---	ND(0.58)	---	ND(0.56)	---	---	---	---	---	---	---
F0289419	---	---	4.23	---	---	---	---	---	---	---	---	---
F0289420	---	---	36.7 J	4.44 J	---	---	---	---	---	---	---	---
F0289421	---	---	18.6 J	---	---	---	---	---	---	---	---	---
F0289422	---	---	11.8 J [12.5 J]	1.7	---	---	---	---	---	---	---	---
F0289423	---	---	8.87 J	---	---	---	---	---	---	---	---	---
F0289424	---	---	3.29	ND(0.58)	---	---	---	---	---	---	---	---
F0289425	---	---	ND(0.57)	---	---	---	---	---	---	---	---	---
F0321005	---	---	---	---	---	---	---	3.4	---	---	---	---
F0321201	---	---	19.3	---	7.36	---	10.4	---	---	---	---	---
F0321202	---	---	31.5	---	2.13	---	---	1.77	---	---	---	---
F0330004	---	---	26	---	67.9 J	---	---	14.6 J	---	---	---	---
F0331006	---	---	6.13 J	---	0.40 J	---	---	ND(0.50) J	---	---	---	---
FL000026	---	---	8.27 J	---	---	---	---	---	---	---	---	---
FL000027	---	---	15.6 J	---	---	---	---	---	---	---	---	---
FL000028	---	---	9.07 J	---	---	---	---	---	---	---	---	---
FL002016	---	---	3.0	---	---	---	---	---	---	---	---	---
R72A025	---	---	ND(0.60)	ND(0.50)	ND(0.50)	ND(0.60)	---	---	---	---	---	---
R72A050	---	---	ND(0.60) [0.11]	ND(0.50)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
R72A075	---	---	0.60	ND(0.50)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
R72A100	---	---	ND(0.60)	ND(0.50)	ND(0.50)	ND(0.50) [ND(0.10)]	---	---	---	---	---	---
R72A125	---	---	0.30 J	ND(0.40)	ND(0.60)	ND(0.50)	---	---	---	---	---	---
R72A150	---	---	0.40 J	ND(0.50)	ND(0.50)	ND(0.60) [ND(0.40)]	---	---	---	---	---	---
R72AZ174	---	---	ND(0.60) [ND(0.11)]	---	ND(0.50)	---	---	ND(0.50)	---	---	---	---
R72AZ198	---	---	ND(0.60)	---	ND(0.50)	---	---	ND(0.50)	---	---	---	---
R72AZ222	---	---	ND(0.50)	---	ND(0.50) [ND(0.10)]	---	---	ND(0.40)	---	---	---	---
R72AZ246	---	---	ND(0.60)	---	ND(0.50)	---	---	ND(0.50)	---	---	---	---
R72AZ270	---	---	0.90 [1.2 J]	---	ND(0.50)	---	---	ND(0.50)	---	---	---	---
R72AZ294	---	---	3.6	---	0.20 J	---	---	0.40 J [0.11]	---	---	---	---
R72AZ318	---	---	9.7	---	0.70	---	---	0.40 J	---	---	---	---
R72AZ342	---	---	24 J	---	1.7	---	---	1.6	---	---	---	---
R72AZ366	---	---	20	---	2.8	---	---	0.40 J	---	---	---	---
R72AZ390	---	---	72 [83]	---	11	---	---	1.1	---	---	---	---
R72AZ414	---	---	54	---	100	---	---	6.4	---	---	---	---
R72BZ242	---	---	0.20 J	---	ND(0.50)	---	---	ND(0.50)	---	---	---	---
R72BZ265	---	---	1.4 J	---	ND(0.50) [ND(0.10)]	---	---	ND(0.50)	---	---	---	---
R72BZ288	---	---	4.6	---	0.60	---	---	0.40 J	---	---	---	---
R72BZ311	---	---	9.4	---	0.80 J	---	---	ND(0.50)	---	---	---	---
R72BZ334	---	---	22	---	8.8 J	---	---	1.7	---	---	---	---
R72BZ357	---	---	60	---	11	---	---	1.0 [0.82]	---	---	---	---
RA89A000	---	---	32 J	37	40 [14]	33	---	---	---	---	---	---
RA89A025	---	---	23	24	38 [2.4]	16	---	---	---	---	---	---
RA89A050	---	---	6.8	0.40 J	9.4	17 [14]	---	---	---	---	---	---
RA89A075	---	---	32	13 J	1.4	0.90	---	---	---	---	---	---
RA89A100	---	---	37	42	30	12 J	---	---	---	---	---	---
RA89A125	---	---	37	10	14 J	13	---	---	---	---	---	---
RA89A150	---	---	84	24	19	24 J [24]	---	---	---	---	---	---
RA89A175	---	---	64	24	20	20	---	---	---	---	---	---
RA89A200	---	---	54 [79]	26	20	24	---	---	---	---	---	---
RA89AA000	---	---	37	34	53	82	---	---	---	---	---	---
RA89AA025	---	---	88	4.3	0.70 J	0.50 J	---	---	---	---	---	---
RA89AA050	---	---	12 J	1.1 J [30]	ND(0.60)	0.20 J	---	---	---	---	---	---
RA89AA075	---	---	6.3	4.2 [3.3]	1.0	0.20 J	---	---	---	---	---	---
RA89AA100	---	---	6.2	0.90	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89AA125	---	---	7.2 [7.0]	3.1	0.20 J	ND(0.60)	---	---	---	---	---	---
RA89AA150	---	---	7.5	1.1	0.30 J	0.20 J	---	---	---	---	---	---
RA89AA175	---	---	5.7 [6.7]	0.80	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89B000	---	---	15 [35 J]	18	8.4 J	0.60 J	---	---	---	---	---	---
RA89B025	---	---	13	4.2	5.2 [5.5]	1.5	---	---	---	---	---	---
RA89B050	---	---	39	31	15 J	4.1	---	---	---	---	---	---
RA89B075	---	---	27	2.7	11 J [7.0] [25 J]	5.3	---	---	---	---	---	---
RA89B100	---	---	24	1.6	4.7 J [3.5]	8.3 J	---	---	---	---	---	---
RA89B125	---	---	58	2.3	2.6	6.0	---	---	---	---	---	---
RA89B150	---	---	120	24	4.2	2.8	---	---	---	---	---	---
RA89B175	---	---	81 [60]	43	40	120 J [18 J]	---	---	---	---	---	---
RA89B200	---	---	100	67	22 J	40	---	---	---	---	---	---
RA89B225	---	---	69	100 [12] [120]	120	14 [75]	---	---	---	---	---	---
RA89BB000	---	---	39	35 [31]	33	33	---	---	---	---	---	---
RA89BB025	---	---	49	74	150	11	---	---	---	---	---	---
RA89BB050	---	---	24	1.0 [0.79]	0.60 J	0.30 J	---	---	---	---	---	---
RA89BB075	---	---	9.2	3.3	2.0	1.4	---	---	---	---	---	---
RA89BB100	---	---	3.1	0.40 J	ND(0.50)	ND(0.60)	---	---	---	---	---	---
RA89BB125	---	---	4.2 [4.0]	0.20 J	0.20 J	0.20 J	---	---	---	---	---	---
RA89BB150	---	---	2.7	1.9	0.50 J	0.40 J	---	---	---	---	---	---
RA89C000	---	---	18	3.7	0.90 [0.90]	0.50 J	---	---	---	---	---	---
RA89C025	---	---	23	14	15 [20]	5.0	---	---	---	---	---	---
RA89C050	---	---	41 [25]	14	20	18	---	---	---	---	---	---
RA89C075	---	---	35	17 [9.4]	2.4	6.2 J	---	---	---	---	---	---
RA89C100	---	---	30	0.50 J [1.0 J]	0.60	0.50 J	---	---	---	---	---	---
RA89C125	---	---	59	15	0.30 J	1.9	---	---	---	---	---	---
RA89C150	---	---	200	68 [61]	24	19	---	---	---	---	---	---
RA89C175	---	---	170	220	8.4	83	---	---	---	---	---	---
RA89C200	---	---	180 [250]	44	24 [25]	12	---	---	---	---	---	---
RA89C225	---	---	70	93	140	100	---	---	---	---	---	---
RA89CC000	---	---	14 [11]	1.4	0.30 J	0.30 J [0.13]	---	---	---	---	---	---
RA89CC025	---	---	52 J	45 J	45 J	9.8 J	---	---	---	---	---	---
RA89CC050	---	---	47 J	1.7 J	0.70 J	ND(1.1)	---	---	---	---	---	---
RA89CC075	---	---	4.9 J	3.3 J	2.0	0.60 [0.60] [0.50 J]	---	---	---	---	---	---
RA89CC100	---	---	4.3 J	1.5	0.60 J	0.40 J	---	---	---	---	---	---
RA89CC125	---	---	0.70 J	ND(0.60)	ND(0.50)	ND(0.60)	---	---	---	---	---	---
RA89D000	---	---	25	21	0.60	1.6 [5.8]	---	---	---	---	---	---
RA89D025	---	---	15	3.0	4.0 J	7.1	---	---	---	---	---	---
RA89D050	---	---	91	31 J	17	2.9	---	---	---	---	---	---
RA89D075	---	---	27	1.9	1.0	0.70 [0.42]	---	---	---	---	---	---
RA89D100	---	---	110	50	37	1.1	---	---	---	---	---	---
RA89D125	---	---	99 [51] [44 J]	100	92 J	105 J	---	---	---	---	---	---
RA89D150	---	---	120 [84]	360	120	120	---	---	---	---	---	---
RA89D175	---	---	200	230	170	38	---	---	---	---	---	---
RA89D200	---	---	70 [63]	160	89	100	---	---	---	---	---	---
RA89DD000	---	---	21 J	1.4	0.40 J	ND(0.70)	---	---	---	---	---	---
RA89DD025	---	---	37 J	5.5 J	3.2 J [0.72]	ND(0.80)	---	---	---	---	---	---
RA89DD050	---	---	14 J	3.1	ND(0.80)	ND(1.2)	---	---	---	---	---	---
RA89DD075	---	---	12 J	1.7 J	0.30 J	0.60 J [85 J]	---	---	---	---	---	---
RA89E000	---	---	20	14	1.3	ND(0.50)	---	---	---	---	---	---
RA89E025	---	---	45	4.7	1.7	0.40 J	---	---	---	---	---	---
RA89E050	---	---	16	---	3.1 [2.9]	0.90	---	---	---	---	---	---
RA89E075	---	---	21	18 [22]	10	0.50 J	---	---	---	---	---	---
RA89E100	---	---	15	8.8 [12]	2.2	0.50	---	---	---	---	---	---
RA89E125	---	---	51 J	31 J	91 J	51 J	---	---	---	---	---	---
RA89E150	---	---	33 J	24 J	120 J [99]	54 J	---	---	---	---	---	---
RA89E175	---	---	54 J	130 J [77]	20 J	79 J	---	---	---	---	---	---
RA89E200	---	---	60 J	84 J	15 J	9.9 J	---	---	---	---	---	---
RA89EE000	---	---	25	3.1 [2.9]	ND(0.70)	ND(0.70)	---	---	---	---	---	---
RA89EE025	---	---	15	9.6	ND(0.70)	ND(0.70)	---	---	---	---	---	---
RA89EE050	---	---	31	17	4.0	7.4 J [3.0] [1.8]	---	---	---	---	---	---
RA89F000	---	---	12 J	2.8	0.80 [0.70]	0.50 J	---	---	---	---	---	---
RA89F025	---	---	56 J	28 J	11 J	2.0	---	---	---	---	---	---
RA89F050	---	---	30 J [27]	5.6	0.90	0.60	---	---	---	---	---	---
RA89F075	---	---	47 J	34 J	4.7	4.4	---	---	---	---	---	---
RA89F100	---	---	22 J	1.7	0.40 J	0.40 J	---	---	---	---	---	---
RA89F125	---	---	46	31	0.60	0.70	---	---	---	---	---	---
RA89F150	---	---	120	32	2.6	3.4	---	---	---	---	---	---
RA89F175	---	---	97	88 [86]	60	89	---	---	---	---	---	---
RA89FF000	---	---	23	6.6	1.6	3.1	---	---	---	---	---	---
RA89FF025	---	---	9.0	1.8	ND(0.60) [0.35]	ND(0.70)	---	---	---	---	---	---
RA89G000	---	---	38	12	1.4	0.40 J [0.42]	---	---	---	---	---	---
RA89G025	---	---	38	120	4.3	2.6	---	---	---	---	---	---
RA89G050	---	---	120 J	3.2	2.1	5.7	---	---	---	---	---	---
RA89G075	---	---	58	20	2.0	4.0	---	---	---	---	---	---
RA89G100	---	---	21 [13]	16	7.1	0.70 J	---	---	---	---	---	---
RA89G125	---	---	24	7.7	0.90 [1.3]	0.70	---	---	---	---	---	---
RA89G150	---	---	87	8.6	0.40 J	0.80	---	---	---	---	---	---
RA89G175	---	---	130	81	94	140 [63]	---	---	---	---	---	---
RA89GG000	---	---	27 [14]	2.7	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RA89GG025	---	---	4.5 J	0.90	0.70	1.4	---	---	---	---	---	---
RA89H000	---	---	9.2 [17]	4.4 J	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RA89H025	---	---	63	12	0.90	0.90	---	---	---	---	---	---
RA89H050	---	---	240	16	0.60	1.4	---	---	---	---	---	---
RA89H075	---	---	13	3.1	11	11	---	---	---	---	---	---
RA89H100	---	---	14	3.2	20	2.5	---	---	---	---	---	---
RA89H125	---	---	21	4.4 [4.3] [4.6]	11	0.70	---	---	---	---	---	---
RA89H150	---	---	29	0.60	0.40 J	1.4	---	---	---	---	---	---
RA89H175	---	---	270	96	160 [91]	150	---	---	---	---	---	---
RA89HH000	---	---	9.2	4.4 J	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RA89I000	---	---	13	2.1	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RA89I025	---	---	36	4.8	1.0	ND(0.60)	---	---	---	---	---	---
RA89I050	---	---	41	18	5.9	1.4 [2.0]	---	---	---	---	---	---
RA89I075	---	---	9.2	18	1.6 [1.3]	0.50 J	---	---	---	---	---	---
RA89I100	---	---	28 J	12	1.3	ND(0.60) [0.20]	---	---	---	---	---	---
RA89I125	---	---	11	1.3	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89I150	---	---	12	20	2.7	0.20 J	---	---	---	---	---	---
RA89I175	---	---	73	20 J	12	0.90 J	---	---	---	---	---	---
RA89II000	---	---	ND(0.50)	0.60	0.40 J	0.30 J	---	---	---	---	---	---
RA89J000	---	---	7.9	0.70	0.30 J	ND(0.70)	---	---	---	---	---	---
RA89J025	---	---	31	21	5.2	1.9 [2.6]	---	---	---	---	---	---
RA89J050	---	---	71	120	38	46	---	---	---	---	---	---
RA89J075	---	---	7.8	4.3 [5.5]	0.50 J	6.7	---	---	---	---	---	---
RA89J100	---	---	28	8.3	0.40 J	0.60	---	---	---	---	---	---
RA89J125	---	---	23	1.1 [1.2]	0.80	0.30 J	---	---	---	---	---	---
RA89J150	---	---	61	34	8.9	2.8 J	---	---	---	---	---	---
RA89J175	---	---	37	21	1.0	1.7	---	---	---	---	---	---
RA89JJ000	---	---	4.5	12	1.8	0.60 J	---	---	---	---	---	---
RA89K000	---	---	5.0	2.9	ND(0.50)	4.4	---	---	---	---	---	---
RA89K025	---	---	11	0.40 J	0.50 J	ND(0.60) [0.18]	---	---	---	---	---	---
RA89K050	---	---	17	19	2.2 J	9.5	---	---	---	---	---	---
RA89K075	---	---	---	2.4	2.8	1.9	---	---	---	---	---	---
RA89K100	---	---	13	44	5.3	1.1 [0.99]	---	---	---	---	---	---
RA89K125	---	---	1.8	1.5	0.30 J	0.20 J	---	---	---	---	---	---
RA89K150	---	---	42	2.7	0.60	1.2	---	---	---	---	---	---
RA89K175	---	---	36 [37]	9.4 J	0.60	0.60	---	---	---	---	---	---
RA89K200	---	---	4.8 J	3.0 J	3.2 J [7.5]	5.2	---	---	---	---	---	---
RA89KK000	---	---	11	0.60	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89L000	---	---	6.2 J	0.70	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RA89L025	---	---	19	3.5 J	0.40 J [0.32]	ND(0.50)	---	---	---	---	---	---
RA89L050	---	---	45 J	16	13	8.7	---	---	---	---	---	---
RA89L075	---	---	12	11 [7.7]	11	0.80	---	---	---	---	---	---
RA89L100	---	---	34	14	2.6	0.80 [0.54]	---	---	---	---	---	---
RA89L125	---	---	13 [17]	0.80 [0.40 J]	1.8	0.60	---	---	---	---	---	---
RA89L150	---	---	52	7.8	2.1	3.1	---	---	---	---	---	---
RA89L175	---	---	37	6.6	1.5	1.1	---	---	---	---	---	---
RA89L200	---	---	74	52	120 J	240	---	---	---	---	---	---
RA89LL000	---	---	4.0	3.0	1.6	0.30 J	---	---	---	---	---	---
RA89M000	---	---	12	4.3	0.50 J	ND(0.60)	---	---	---	---	---	---
RA89M025	---	---	18	2.0	0.30 J	ND(0.60)	---	---	---	---	---	---
RA89M050	---	---	33	7.4	7.4 [40]	4.0	---	---	---	---	---	---
RA89M075	---	---	11	0.80	23	1.6	---	---	---	---	---	---
RA89M100	---	---	19	32	25	0.60	---	---	---	---	---	---
RA89M125	---	---	9.7	2.6	0.40 J	0.80	---	---	---	---	---	---
RA89M150	---	---	15	0.80	ND(0.50) [0.30 J]	ND(0.50)	---	---	---	---	---	---

Location ID	0-0.08	0-0.17	0-0.5	0.5-1	1-1.5	1.5-2	2-2.2	2-2.5	3-3.5	3.5-4	4-4.5	5-5.5
RA89M175	---	---	24	11	0.80	0.50 J	---	---	---	---	---	---
RA89M200	---	---	36 J	97 [73] [158]	57 J	81	---	---	---	---	---	---
RA89MM000	---	---	4.8	1.6	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89N000	---	---	8.8	0.90	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RA89N025	---	---	16	7.1	0.70	ND(0.60)	---	---	---	---	---	---
RA89N050	---	---	23	2.5	42 J	0.60	---	---	---	---	---	---
RA89N075	---	---	17	2.6 J [2.8]	0.30 J	4.5 J [8.8]	---	---	---	---	---	---
RA89N100	---	---	9.4	18	1.6	0.70	---	---	---	---	---	---
RA89N125	---	---	12 [24]	4.8 J	2.9 J	0.30 J	---	---	---	---	---	---
RA89N150	---	---	9.5	0.60	0.30 J	0.50	---	---	---	---	---	---
RA89N175	---	---	85	79	14	1.7	---	---	---	---	---	---
RA89N200	---	---	3.8 [46]	130	77	83	---	---	---	---	---	---
RA89NN000	---	---	5.8	1.4	ND(0.60)	ND(0.50) [0.20]	---	---	---	---	---	---
RB021985	---	---	4.71	---	---	---	---	---	---	---	---	---
RB021986	---	---	20	---	---	---	---	---	---	---	---	---
RB022004	---	---	21.9	---	5.72	---	---	7.62	---	---	---	---
RB022005	---	---	1.61	---	1.1	---	---	1.21	45.7 J	---	30.9 J	30.2 J
RB022006	---	---	6.36	---	8.58	---	---	11.5	---	---	---	---
RB022024	---	---	2.89 J [5.66 J]	---	5.33 J	---	---	9.23 J	---	---	---	---
RB022025	---	---	1.91	---	12.6 J	---	---	19.4 J	35.1	---	21.9	4.85 [4.66]
RB022026	---	---	8.7	---	30.7 J	---	---	18.9 J	---	---	---	---
RB022044	---	---	1.1 J	---	1.33	---	---	1.81 J	---	---	---	---
RB022045	---	---	2.39	---	4.85	---	---	2.98	6.03 J	---	0.696	0.431 J
RB022046	---	---	60.9	---	94.8	---	---	87	---	---	---	---
RB022064	---	---	6.27	---	12.1	---	---	8.4 J	---	---	---	---
RB022065	---	---	7.69	---	10.5	---	---	26.2 J	128	---	77.1	24.4 J
RB022066	---	---	67.1 [49.1]	---	110	---	---	103	---	---	---	---
RB022084	---	---	6.04	---	25 J	---	---	6.32	---	---	---	---
RB022085	---	---	2.35	---	5.69	---	---	6.39	21.4 J	---	88.3	---
RB022086	---	---	23.6	---	59.3	---	---	42	---	---	---	---
RB032104	---	---	ND(0.70)	---	ND(0.58)	---	---	ND(0.61)	---	---	---	---
RB032105	---	---	23.2	---	ND(0.56)	---	---	ND(0.58)	0.741 J	---	0.759 J	1.12
RB032106	---	---	227	---	16.8	---	---	10.1	---	---	---	---
RB032124	---	---	ND(0.62)	---	ND(0.56)	---	---	ND(0.57)	---	---	---	---
RB032125	---	---	18.5	---	25.5	---	---	4.8 [5.15]	3.64 J	---	0.927 J	2.67 J
RB032126	---	---	39.1 J	---	24.9	---	---	14.6	---	---	---	---
RB89A000	---	---	5.4	0.90	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RB89A025	---	---	17 [17 J]	1.6	0.40 J	0.30 J	---	---	---	---	---	---
RB89A050	---	---	72	3.0	28	2.0 [0.63]	---	---	---	---	---	---
RB89A075	---	---	37	2.1	1.8	1.1	---	---	---	---	---	---
RB89A100	---	---	4.4	27	1.9 J	ND(0.60)	---	---	---	---	---	---
RB89A125	---	---	8.7	3.7 J	0.80	0.40 J	---	---	---	---	---	---
RB89A150	---	---	11	0.30 J	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RB89A175	---	---	33 [50]	7.5	1.6	3.5	---	---	---	---	---	---
RB89A200	---	---	47	41 [14]	55	45	---	---	---	---	---	---
RB89AA000	---	---	4.2	1.9	0.30 J [0.25]	ND(0.50)	---	---	---	---	---	---
RB89B000	---	---	9.4	0.30 J	ND(0.60) [0.27]	0.20 J	---	---	---	---	---	---
RB89B025	---	---	7.5	0.30 J	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RB89B050	---	---	12	17	8.4 J	17 [20]	---	---	---	---	---	---
RB89B075	---	---	9.3	5.0	0.30 J	0.50 J	---	---	---	---	---	---
RB89B100	---	---	15	1.3	0.30 J [0.66]	0.90	---	---	---	---	---	---
RB89B125	---	---	13	1.1 [1.5]	1.1	0.50 J	---	---	---	---	---	---
RB89B150	---	---	21	0.40 J	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RB89B175	---	---	40 [52]	59 [98]	160	210	---	---	---	---	---	---
RB89B200	---	---	65	120	470	200	---	---	---	---	---	---
RB89BB000	---	---	3.2	0.30 J	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RB89C000	---	---	24	9.0	0.80	0.40 J	---	---	---	---	---	---
RB89C025	---	---	13	2.0	0.40 J	0.50 [0.31]	---	---	---	---	---	---
RB89C050	---	---	16	19	6.2 [11 J]	3.8	---	---	---	---	---	---
RB89C075	---	---	28	2.0	0.80	1.1	---	---	---	---	---	---
RB89C100	---	---	18	1.0 [0.90]	ND(0.60)	0.30 J	---	---	---	---	---	---
RB89C125	---	---	20	ND(0.60)	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RB89C150	---	---	4.6 [7.3]	1.9	2.0	1.9 [2.8]	---	---	---	---	---	---
RB89C175	---	---	46	87	120	44	---	---	---	---	---	---
RB89C200	---	---	12	240	26	46 [21]	---	---	---	---	---	---
RB89CC000	---	---	4.8	0.50 J	ND(0.60) [0.17]	ND(0.60) [ND(0.60)]	---	---	---	---	---	---
RB89D000	---	---	16	4.7	1.7 [2.2]	0.60 J	---	---	---	---	---	---
RB89D025	---	---	51 [45]	2.0	0.70	ND(0.60)	---	---	---	---	---	---
RB89D050	---	---	22 [16] [17]	1.5	0.50 J	0.90	---	---	---	---	---	---
RB89D075	---	---	20	2.8 J	1.8 J	ND(0.60)	---	---	---	---	---	---
RB89D100	---	---	20 J	2.1 J	0.90 J	0.80 J	---	---	---	---	---	---
RB89D125	---	---	67	ND(0.60) [0.53]	0.80	0.60	---	---	---	---	---	---
RB89D150	---	---	25	21	5.3	0.50	---	---	---	---	---	---
RB89D175	---	---	61	130 [102]	30	1.5 J	---	---	---	---	---	---
RB89DD000	---	---	2.5	0.50 J	ND(0.70)	ND(0.50)	---	---	---	---	---	---
RC89A000	---	---	ND(0.70)	30 [13]	5.5	4.8	---	---	---	---	---	---
RC89A025	---	---	12	0.50 J	ND(0.50)	ND(0.60)	---	---	---	---	---	---
RC89A050	---	---	22 [10]	2.1	1.0	0.80	---	---	---	---	---	---
RC89A075	---	---	22 J	0.50 J	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RC89A100	---	---	31 J	1.0	0.50 J	ND(0.60)	---	---	---	---	---	---
RC89A125	---	---	18	0.60	ND(0.50)	ND(0.60)	---	---	---	---	---	---
RC89A150	---	---	18	6.8	0.40 J	0.50 J	---	---	---	---	---	---
RC89A175	---	---	61	340 [100]	140	40	---	---	---	---	---	---
RC89AA000	---	---	17	0.80	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RC89AA025	---	---	ND(0.60)	ND(0.50)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RC89AA050	---	---	4.8 J	ND(0.60)	ND(0.60)	ND(0.60) [ND(0.11)]	---	---	---	---	---	---
RC89AA075	---	---	ND(0.70)	ND(0.60)	ND(0.60)	ND(0.70)	---	---	---	---	---	---
RC89B000	---	---	37 [41 J]	32	7.7	0.90 [0.78]	---	---	---	---	---	---
RC89B025	---	---	15	4.3 J	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RC89B050	---	---	21	10	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RC89B075	---	---	6.1	1.9	11 J	4.9 J	---	---	---	---	---	---
RC89B100	---	---	61 J	75	13 J	5.9 [3.8 J]	---	---	---	---	---	---
RC89B125	---	---	28 J	3.3 J	1.2 [0.80]	1.0	---	---	---	---	---	---
RC89B150	---	---	83	82	140	21 J	---	---	---	---	---	---
RC89B175	---	---	69	73	110	160 J	---	---	---	---	---	---
RC89BB000	---	---	8.0 J	ND(0.70)	0.30 J	ND(0.60)	---	---	---	---	---	---
RC89BB025	---	---	ND(0.50)	ND(0.60)	ND(0.60)	ND(0.50)	---	---	---	---	---	---
RC89BB050	---	---	0.70 J	ND(0.60)	ND(0.70)	ND(0.60)	---	---	---	---	---	---
RC89BB075	---	---	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RC89C000	---	---	26 J	2.7	0.50 J	0.30 J	---	---	---	---	---	---
RC89C025	---	---	22	2.0 [0.76]	0.30 J	0.40 J	---	---	---	---	---	---
RC89C050	---	---	53	2.8	1.5	0.60	---	---	---	---	---	---
RC89C075	---	---	2.2	0.20 J	0.50	4.9 [2.0]	---	---	---	---	---	---
RC89C100	---	---	35	16	0.40 J	0.50 J	---	---	---	---	---	---
RC89C125	---	---	23	9.2	ND(0.50)	ND(0.60)	---	---	---	---	---	---
RC89C150	---	---	68	170	160 [101]	49	---	---	---	---	---	---
RC89C175	---	---	59	70	86	130	---	---	---	---	---	---
RC89CC000	---	---	20	1.3	ND(0.70) [ND(0.70)]	ND(0.60)	---	---	---	---	---	---
RC89CC025	---	---	0.30 J	ND(0.50)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RC89CC050	---	---	0.80 J	0.40 J	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RC89CC075	---	---	ND(0.60) [0.10 J]	ND(0.60)	ND(0.60)	ND(0.60)	---	---	---	---	---	---
RC89D000	---	---	35	7.9 J	ND(0.60)	ND(0.70)	---	---	---	---	---	---
RC89D025	---	---	11 J [7.4]	4.0	29	ND(0.70)	---	---	---	---	---	---
RC89D050	---	---	30	17	0.40 J	ND(0.50)	---	---	---	---	---	---
RC89D075	---	---	28	22	37	5.5 J	---	---	---	---	---	---
RC89D100	---	---	35	24	31	0.80	---	---	---	---	---	---
RC89D125	---	---	32	22 [0.60]	0.60 J	0.40	---	---	---	---	---	---
RC89D150	---	---	90	170	100	110 [63]	---	---	---	---	---	---
RC89DD000	---	---	21 J	5.4 J	0.90	1.4	---	---	---	---	---	---
RC89DD025	---	---	1.0	ND(0.50)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RC89DD050	---	---	ND(1.5)	2.6	0.60 J	ND(0.80)	---	---	---	---	---	---
RC89DD075	---	---	ND(0.70)	ND(0.60) [ND(0.13)]	ND(0.70)	ND(0.70)	---	---	---	---	---	---
RC89E000	---	---	4.7	10	0.30 J	0.60	---	---	---	---	---	---
RC89E025	---	---	64	75	11	6.1 [1.1]	---	---	---	---	---	---
RC89E050	---	---	61	1.2	ND(0.50)	ND(0.50) [0.070 J]	---	---	---	---	---	---
RC89E075	---	---	110	40	21	33	---	---	---	---	---	---
RC89E100	---	---	51	43	26	11	---	---	---	---	---	---
RC89E125	---	---	85	11	1.3	0.50 J	---	---	---	---	---	---
RC89E150	---	---	100	190	39	140	---	---	---	---	---	---
RC89EE000	---	---	4.7	30	11	12 [3.9 J]	---	---	---	---	---	---
RC89EE025	---	---	0.80	ND(0.50)	ND(0.60) [0.17 J]	ND(0.50)	---	---	---	---	---	---
RC89EE050	---	---	1.2 [1.5]	3.6	1.1	ND(0.60)	---	---	---	---	---	---
RC89EE075	---	---	0.60 J	ND(0.60)	ND(0.50)	ND(0.50)	---	---	---	---	---	---
RD89A000	---	---	36	36	120	55	---	---	---	---	---	---
RD89AA000	---	---	23	12 [21]	17 [10]	2.6	---	---	---	---	---	---
RD89B000	---	---	38	34	1.8 [0.86] [1.7]	0.40 J	---	---	---	---	---	---
RD89B025	---	---	65	31	45	46 J	---	---	---	---	---	---
RD89B050	---	---	61	28	27	1.2	---	---	---	---	---	---
RD89B075	---	---	160 J	5.6	5.6	6.1 [4.5]	---	---	---	---	---	---
RD89B100	---	---	58 J	18	35	2.8 J [3.3]	---	---	---	---	---	---
RD89B125	---	---	60 J	48 J [46]	120	180	---	---	---	---	---	---
RD89BB000	---	---	60	6.7 J	0.40 J	0.30 J	---	---	---	---	---	---
RD89C000	---	---	47	37	1.1	0.70	---	---	---	---	---	---
RD89C025	---	---	61	1.0 [0.69]	0.40 J	2.1 [0.50]	---	---	---	---	---	---
RD89C050	---	---	66	14	1.5	ND(0.50)	---	---	---	---	---	---
RD89C075	---	---	120 [88]	380	110	22	---	---	---	---	---	---
RD89C100	---	---	63 J [20]	100	42	15	---	---	---	---	---	---
RD89CC000	---	---	32	53	4.7 J	2.2 J	---	---	---	---	---	---
RD89D000	---	---	43	24 [20]	14 [7.1]	9.2	---	---	---	---	---	---
RD89D025	---	---	110	15	3.8 [3.7]	0.60	---	---	---	---	---	---
RD89D050	---	---	66	120	100	28 [17]	---	---	---	---	---	---
RD89D075	---	---	11	11	8.3	19	---	---	---	---	---	---
RD89D100	---	---	130 [51]	45	100	68	---	---	---	---	---	---
RD89DD000	---	---	34	68 [51]	47	54 J	---	---	---	---	---	---
RD89DD025	---	---	8.1 J	1.3 J	1.3 J	1.7 J	---	---	---	---	---	---
RD89E000	---	---	63 [43]	51	11	2.0	---	---	---	---	---	---
RD89E025	---	---	74	51	12 [8.6]	6.1	---	---	---	---	---	---
RD89EE000	---	---	1.0 J [0.60]	43	18 J	2.1	---	---	---	---	---	---
RD89EE025	---	---	6.2 J	28	2.1 [1.42]	4.3 J	---	---	---	---	---	---
RD89F000	---	---	90	15 [12]	1.9	0.50 J [ND(0.10)]	---	---	---	---	---	---
RD89F025	---	---	60	77	150	28	---	---	---	---	---	---
RD89FF000	---	---	47	42	86 J	11 J	---	---	---	---	---	---
RD89FF025	---	---	22	1.2	0.30 J	0.30 J	---	---	---	---	---	---
SE001255	---	12 J [7.17]	---	---	---	---	---	---	---	---	---	---
SE001273	---	17 [12]	---	---	---	---	---	---	---	---	---	---
SE001357	---	---	---	---	---	---	---	---	19.6	0.465 J	ND(0.50) [ND(0.50)]	ND(0.50)
SL0437	---	---	30.7	---	---	---	---	---	---	---	---	---
SL0442	---	---	1.97 [0.831 J]	---	---	---	---	---	---	---	---	---

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR FLOODPLAIN PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH

SUMMARY OF SOIL SAMPLING LOCATIONS FOR GROUP 4C

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE 3

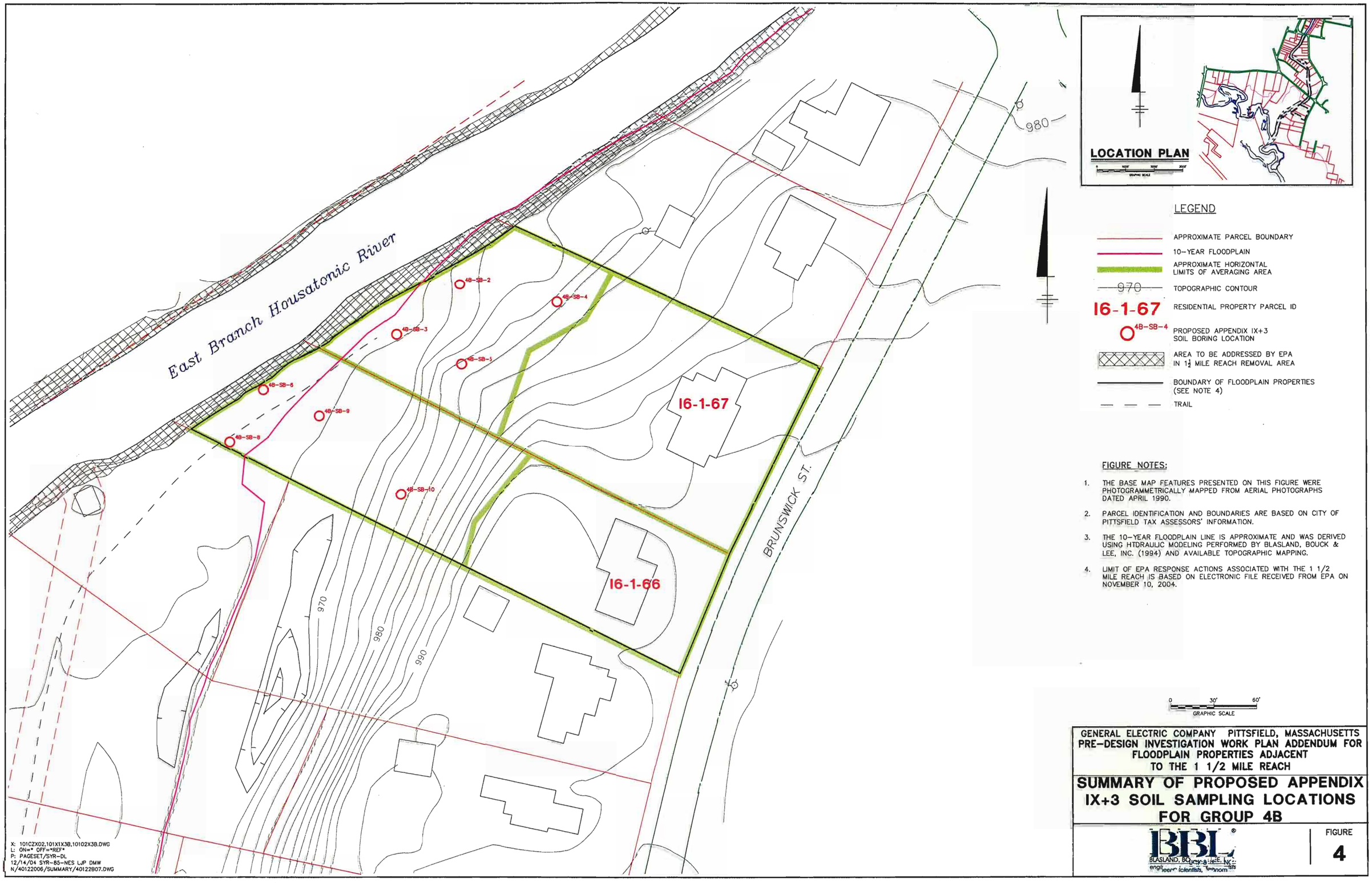


FIGURE NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM AERIAL PHOTOGRAPHS DATED APRIL 1990.
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. LIMIT OF EPA RESPONSE ACTIONS ASSOCIATED WITH THE 1 1/2 MILE REACH IS BASED ON ELECTRONIC FILE RECEIVED FROM EPA ON NOVEMBER 10, 2004.

0 30' 60'
GRAPHIC SCALE

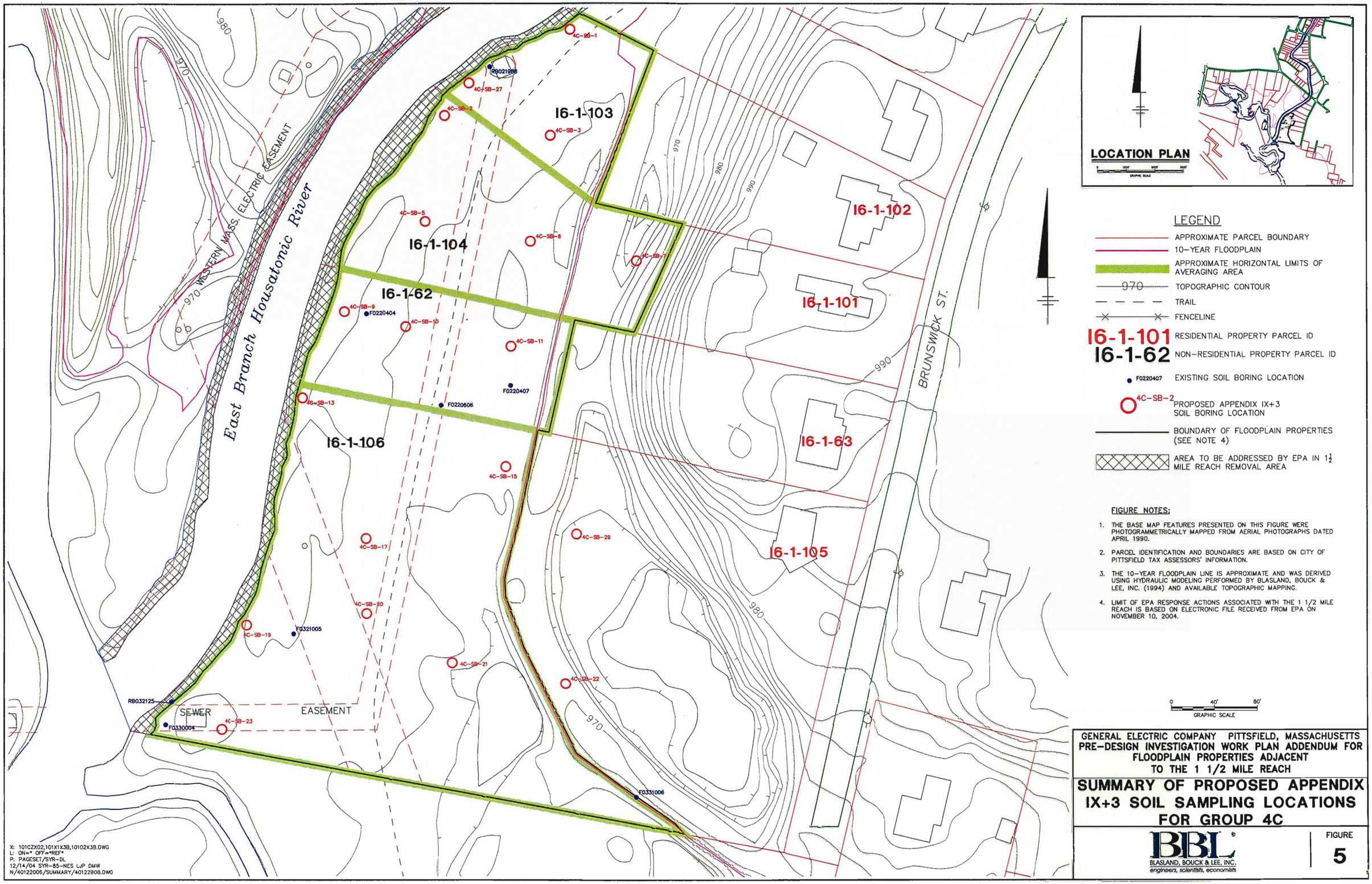
GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH

SUMMARY OF PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS FOR GROUP 4B

BLASLAND, BOUCK & LEE, INC. engineers scientists economists

FIGURE 4

X: 101CZX02,101X1X3B,10102X3B.DWG
L: ON=* OFF=*REF*
P: PAGESET/SYR-DL
12/14/04 SYR-85-NES LJP DMW
N/40122006/SUMMARY/40122B07.DWG



X: 101CZX02,101X1X38,10102X38.DWG
L: ON=* OFF=*REF*
P: PAGESET/SYR-DL
12/14/04 SYR-85-NES LJP DMW
N/40122006/SUMMARY/40122808.DWG

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN ADDENDUM FOR FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH

SUMMARY OF PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS FOR GROUP 4C

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

FIGURE 5

BBL®

BLASLAND, BOUCK & LEE, INC.

engineers, scientists, economists