

01-0836

REPORT

SDMS # 223756

*Pre-Design Investigation Report for
Phase 4 Floodplain Properties*

**General Electric Company
Pittsfield, Massachusetts**

April 2005

BBL[®]
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted Via Overnight Delivery

April 12, 2005

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: Floodplain GE-Pittsfield/Housatonic River Site
Floodplain Residential and Non-Residential Properties Adjacent to 1½ Mile Reach of
Housatonic River (GECD710 and GECD720)
Pre-Design Investigation Report for Phase 4 Floodplain Properties**

Dear Mr. Lovely:

Enclosed for your review is GE's *Pre-Design Investigation Report for Phase 4 Floodplain Properties*.

Please call Dick Gates if you have any questions about this report.

Sincerely,

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

Enclosures

V:\GE_Housatonic_Mile_and_Half\Reports and Presentations\Phase 4 Group 4\PDIN20852196CvrLtr.doc

cc: Dean Tagliaferro, EPA
Rose Howell, EPA*
Holly Inglis, EPA
Tim Conway, EPA
John Kilborn, EPA
K.C. Mitkevicius, USACE
Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
Robert Bell, MDEP*
Thomas Angus, MDEP*
Joanne Flescher, MDEP*
Nancy E. Harper, MA AG*
Kaleb Mitchell, Conservation Commission
Dale Young, MA EOE*

Mayor James Ruberto, City of Pittsfield
Jeffrey Bernstien, Bernstein, Cushner & Kimmell
Teresa Bowers, Gradient
Linda Palmieri, Weston (2 copies)
Michael Carroll, GE*
Richard Gates, GE
Rod McLaren, GE*
James Nuss, BBL
James Bieke, Goodwin Procter
Charles Dooley, Western Massachusetts Electric Co.
Property Owners
Public Information Repositories
GE Internal Repository

** cover letter only*

*Pre-Design Investigation Report for
Phase 4 Floodplain Properties*

**General Electric Company
Pittsfield, Massachusetts**

April 2005

Table of Contents

Section 1. Introduction	1-1
1.1 General	1-1
1.2 Description of Phase 4 Floodplain Properties	1-2
Section 2. Summary of Pre-Design Soil Investigations	2-1
2.1 Pre-Design Investigations at Group 4A Properties	2-1
2.2 Pre-Design Investigations at Group 4B Properties	2-2
2.3 Pre-Design Investigations at Group 4C Properties	2-3
2.4 Data Quality Assessment	2-4
Section 3. Evaluation Areas and Depths	3-1
3.1 Applicable Performance Standards for Soil	3-1
3.2 Identification of Evaluation Areas	3-3
3.3 Identification of Evaluation Depths	3-4
Section 4. Assessment of Additional Data Needs	4-1
4.1 Evaluation Procedures	4-1
4.2 Evaluation at Group 4A Properties	4-2
4.3 Evaluation at Group 4B Properties	4-3
4.4 Evaluation at Group 4C Properties	4-3
Section 5. Proposed Schedule	5-1

Tables

- 1 Results of January and February 2005 PCB Investigations – Group 4A
- 2 Results of January and February 2005 Appendix IX+3 Investigations – Group 4A
- 3 GE Prior Appendix IX+3 Soil Data – Group 4A
- 4 EPA Prior Appendix IX Soil Data – Group 4A
- 5 Results of January and February 2005 PCB Investigation – Group 4B
- 6 Results of January and February 2005 Appendix IX+3 Investigations – Group 4B
- 7 Results of January and February 2005 PCB Investigation – Group 4C
- 8 Results of January and February 2005 Appendix IX+3 Investigations – Group 4C
- 9 Existing EPA Appendix IX+3 Soil Data – Group 4C
- 10 Proposed “X” Values for RD/RA Evaluation and Associated Rationale
- 11 Proposed Appendix IX+3 Samples by Depth – Group 4A

Figures

- 1 Phase 4, Group 4A Through 4C Floodplain Properties
- 2 Summary of PCB Analytical Results and PCB Sampling Locations for Group 4A
- 3 Summary of Existing and Proposed Appendix IX+3 Soil Sampling Locations for Group 4A
- 4 Summary of PCB Analytical Results for PCB Sampling Locations for Group 4B
- 5 Summary of Existing Appendix IX+3 Soil Sampling Locations for Group 4B

-
- 6 Summary of PCB Analytical Results and PCB Sampling Locations for Group 4C
 - 7 Summary of Existing Appendix IX+3 Soil Sampling Locations for Group 4C

Appendices

- A Soil Boring Logs
- B Data Validation Report

1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other governmental agencies was entered by the United States District Court for the District of Massachusetts. The CD requires (among other things) the performance of Removal Actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents present in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts. These RAAs are part of the GE-Pittsfield/Housatonic River Site. For each Removal Action, the CD and accompanying *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD) establish Performance Standards that must be achieved, and specify the work plans and other documents that must be prepared to support the response actions for each RAA.

Two of these RAAs encompass properties located in whole or in part within the floodplain of the Housatonic River adjacent to the 1½ Mile Reach of the River: (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 RAAs are jointly referred to as the 1½ Mile Floodplain RAAs, and have been divided into four phases for investigation and evaluation purposes to facilitate coordination with the remediation actions being conducted separately by EPA for sediments and riverbank soils in this same reach of the river. These phases are:

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.

This *Pre-Design Investigation Report for Phase 4 Floodplain Properties* (Phase 4 PDI Report) addresses the floodplain properties in Phase 4 of the 1½ Mile Floodplain RAAs. These properties are divided into three groups – Groups 4A, 4B, and 4C – as depicted on Figure 1. Pre-design soil investigations were conducted at these properties between January 24 and February 22, 2005. The pre-design investigations at the Group 4A properties were performed in accordance with the following:

-
- A document titled *Work Plan Addendum – Phase 4 Floodplain Properties, Group 4A* (Group 4A Work Plan Addendum), submitted to EPA on July 14, 2004;
 - A letter from EPA to GE dated December 3, 2004, conditionally approving the Group 4A Work Plan Addendum;
 - A document titled *Proposal for Non-PCB Pre-Design Investigations – Phase 4 Floodplain Properties, Group 4A – Parcel I7-1-101* (Non-PCB Investigation Proposal for Parcel I7-1-101), submitted to EPA on December 15, 2004; and
 - A letter from EPA to GE dated January 13, 2005, conditionally approving the Non-PCB Investigation Proposal for Parcel I7-1-101.

The pre-design investigations for the Groups 4B and 4C properties were performed in accordance with a December 15, 2004 document titled *Work Plan Addendum – Phase 4 Floodplain Properties, Groups 4B and 4C* (Groups 4B and 4C Work Plan Addendum) and a January 13, 2005 letter from EPA to GE conditionally approving that addendum.

The present report describes the pre-design investigations conducted at all three groups of properties and summarizes the sampling results for PCBs and certain other constituents listed in Appendix IX of 40 CFR 264 (excluding pesticides and herbicides), plus benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3). It also describes the applicable Performance Standards and the areas and depths of soil selected for Removal Design/Removal Action (RD/RA) evaluations at these properties. Further, based on preliminary RD/RA evaluations, this report presents an assessment of the need for additional sampling for PCBs and/or non-PCB constituents at these properties and, where such data needs have been identified, it proposes additional sampling to satisfy those data needs. Finally, this report presents a proposed schedule for further activities at the Phase 4 properties.

1.2 Description of Phase 4 Floodplain Properties

The Phase 4 floodplain properties are shown on Figure 1. Group 4A consists of three properties on the west side of the Housatonic River – a park owned by the City of Pittsfield (Parcel I7-1-101, Fred Garner Park), a small vacant property (considered recreational) owned by an electric utility company (Parcel I7-1-5), and a residential property (Parcel I7-1-2). Group 4B consists of two contiguous residential properties on the east side of the river (Parcels I6-1-66 and I6-1-67). Group 4C consists of four vacant properties (considered to be in recreational use) on the east side of the river – three owned by GE (Parcels I6-1-103, I6-1-104, and I6-1-106) and one owned by the Commonwealth of

Massachusetts(Parcel I6-1-62) – plus portions of two residential properties (I6-1-102 and I6-1-105) which were not designated in the SOW as part of the 1½ Mile Floodplain RAAs but which GE is proposing to be added to the Group 4C properties based on review of the PCB sampling data, as discussed below.

2. Summary of Pre-Design Soil Investigations

This section describes, by group, the recent pre-design soil investigations conducted at the Phase 4 properties in January and February 2005.

2.1 Pre-Design Investigations at Group 4A Properties

PCB Investigations

The recent PCB soil investigations conducted at the Group 4A floodplain properties involved the collection of 43 soil samples from 51 locations. The PCB sample locations, frequencies, analyses, and depth increments were consistent with those identified in the approved Group 4A Work Plan Addendum and Condition No. 3 of EPA's December 3, 2004 conditional approval letter, with one exception: GE encountered refusal at soil boring 4A-SB-26 following sample collection from the 0- to 1-foot depth increment. After several attempts to advance this soil boring deeper than 1 foot, GE installed another soil boring, 4A-SB-26A, approximately 25 feet northwest of soil boring 4B-SB-26. Samples were collected at boring 4A-SB-26A from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 12-foot depth increments. Refusal was encountered at this location at 12 feet below ground surface (bgs).

In accordance with the EPA-approved Group 4A Work Plan Addendum, the samples collected at each location were analyzed in an iterative manner, with samples from the uppermost 6 feet of soil initially analyzed for PCBs. The samples from deeper increments were held for subsequent analysis for PCBs if the analysis of the shallower samples indicated that the vertical extent of PCBs was not yet defined. This approach resulted in the PCB analysis of 112 samples (plus an additional six sample duplicates).

The PCB data associated with these samples are summarized in Table 1 and are presented on Figure 2, while soil boring logs from these investigations are included in Appendix A. PCB data collected by GE and EPA prior to the January and February 2005 investigations are also summarized on Figure 2. (Note that Figure 2 has been updated to include information obtained during recent survey activities conducted by GE.)

Non-PCB Investigations

Condition Number 4 of EPA's December 3, 2004 conditional approval letter for the Group 4A Work Plan Addendum required that GE provide a proposal for non-PCB investigations for Parcel I7-1-101. Accordingly, GE submitted the

Non-PCB Investigation Proposal for Parcel I7-1-101 to EPA on December 15, 2004, and following EPA's conditional approval on January 13, 2005, performed that sampling. The non-PCB sample locations, frequencies, analyses, and depth increments were consistent with those identified in GE's proposal and Condition Numbers 1 and 2 of EPA's conditional approval letter, and involved the collection of 35 soil samples from 13 locations. In total, 25 non-PCB samples (plus two duplicate samples) were analyzed for semi-volatile organic compounds (SVOCs), inorganics, and polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDDs/PCDFs). In addition, in accordance with EPA's January 13, 2005 conditional approval letter, six of these non-PCB samples were also analyzed for volatile organic compounds (VOCs). Soil boring logs associated with these investigations are included in Appendix A. (Note that samples were collected and analyzed for non-PCB constituents at location 4A-SB-14 in accordance with Table 1 of the Non-PCB Investigation Proposal for Parcel I7-1-101. However, Figure 3 of that document inadvertently did not show that sample location, but showed sample location 4A-SB-4 instead.)

The non-PCB data collected during these investigations at Parcel I7-1-101 are summarized in Table 2. In addition, the historical non-PCB data collected by GE and EPA prior to the January and February 2005 investigations are presented in Tables 3 and 4, respectively. The non-PCB sample locations within Parcel I7-1-101 are shown on Figure 3.

2.2 Pre-Design Investigations at Group 4B Properties

PCB Investigations

PCB soil investigations conducted in January and February 2005 at the Group 4B floodplain properties involved the collection of 81 soil samples (excluding duplicate samples) from 41 locations. The PCB sample locations and depth increments were consistent with those identified in the Groups 4B and 4C Work Plan Addendum and Condition Number 2 of EPA's January 13, 2005 conditional approval letter.

As discussed in the Groups 4B and 4C Work Plan Addendum, samples were analyzed in an iterative manner, with the samples extending to 7 feet bgs initially analyzed for PCBs. Samples collected from the 7- to 9-foot depth increment were held for possible PCB analysis if the results of analyses of the shallower samples within the property indicated that the vertical extent of PCBs was not yet defined. This approach resulted in the analysis of 71 samples for PCBs (plus four duplicate samples).

The PCB data associated with these samples are summarized in Table 5 and are presented on Figure 4, while soil boring logs from these investigations are included in Appendix A. PCB data collected by GE and EPA prior to the January and February 2005 investigations are also summarized on Figure 4.

Non-PCB Investigations

Non-PCB soil investigations conducted in January and February 2005 at the Group 4B floodplain properties involved the collection of 16 soil samples (excluding duplicate samples) from 8 locations. The non-PCB sample locations and depth increments were consistent with those identified in the Groups 4B and 4C Work Plan Addendum and Condition Numbers 1 and 2 of EPA's January 13, 2005 conditional approval letter. In total, 14 non-PCB samples (plus one duplicate sample) were collected and analyzed for SVOCs, inorganics, and PCDDs/PCDFs.

The non-PCB data collected during these investigations are summarized in Table 6. No historical or EPA-collected data for non-PCB constituents exist within the Group 4B floodplain properties. The non-PCB sample locations within the Group 4B properties are shown on Figure 5, while soil boring logs from these investigations are included in Appendix A.

2.3 Pre-Design Investigations at Group 4C Properties

PCB Investigations

PCB soil investigations conducted in January and February 2005 at the Group 4C floodplain properties involved the collection of 161 soil samples (excluding duplicate samples) from 61 locations. The PCB sample locations and depth increments were consistent with those identified in the Groups 4B and 4C Work Plan Addendum.

As discussed in that Work Plan Addendum, samples were analyzed in an iterative manner, with the samples extending to 6 feet bgs initially analyzed for PCBs. Samples collected from deeper increments were held for possible PCB analysis if the results of analyses of the shallower samples indicated that the vertical extent of PCBs was not yet defined. This approach resulted in the PCB analysis of 134 samples for PCBs (plus six duplicate samples).

The PCB data associated with these samples are summarized in Table 7 and are presented on Figure 6, while soil boring logs associated with these investigations are included in Appendix A. PCB data collected by GE and EPA prior to the January and February 2005 investigations are also summarized on Figure 6.

Non-PCB Investigations

Non-PCB soil investigations conducted in January and February 2005 at the Group 4C floodplain properties involved the collection of 45 soil samples (excluding duplicate samples) from 19 locations. The non-PCB sample locations and depths were consistent with those identified in the Groups 4B and 4C Work Plan Addendum and Condition Numbers 3 and 4 of EPA's January 13, 2005 conditional approval letter. In total, 39 non-PCB samples (plus two duplicate samples) were collected and analyzed for SVOCs, inorganics, and PCDDs/PCDFs.

The non-PCB data collected during these investigations are summarized in Table 8. In addition, non-PCB data collected by EPA prior to the January and February 2005 investigations are presented in Table 9. No historical non-PCB data exist within the Group 4C properties. The non-PCB sample locations within the Group 4C properties are shown on Figure 7 while soil boring logs from these investigations are included in Appendix A.

2.4 Data Quality Assessment

The analytical results from the January and February 2005 investigations have undergone data review validation in accordance with Section 7.5 of the *Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP)*. The results of the data validation are presented in Appendix B. As discussed in that report, 99.4% of the analytical results obtained during the investigations conducted in January and February 2005 are considered usable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

3. Evaluation Areas and Depths

3.1 Applicable Performance Standards for Soil

The Performance Standards for soils at the 1½ Mile Floodplain RAAs are set forth in Paragraphs 24, 28.a, and 29 of the CD and Section 2.5.2 of the SOW. These Performance Standards apply to identified evaluation areas (also known as averaging areas) and various depths, which differ depending on the use of the property (i.e., residential, recreational, or commercial/industrial) and, for non-residential properties, on whether a Grant of Environmental Restriction and Easement (ERE), if needed, will be obtained.

PCB Performance Standards

The need for remediation for PCBs in soils within the 1½ Mile Floodplain RAAs is generally based on the results of spatial averaging conducted for each property in accordance with the procedures described in Attachment E to the SOW. For purposes of such averaging, the SOW provides that GE may consider the entire Actual/Potential Lawn (as defined in the CD) of a residential property or the entire non-riverbank portion of a non-residential property – including (in both cases) the portion lying within the floodplain and any portion outside the floodplain – as an evaluation area, provided that, for surface soil: (a) residential, recreational, or commercial exposure (as applicable) is equally likely throughout that area; and (b) GE ensures the removal of all soils in the top foot in unpaved portions of the property that contain PCB concentrations above certain not-to-exceed (NTE) levels identified below (unless the averaging area is less than certain specified sizes).

The spatial average PCB concentrations for a given evaluation area are compared to the applicable PCB Performance Standards. Such standards have been developed for residential, recreational, and commercial/industrial properties within the 1½ Mile Floodplain RAAs. The Phase 4 properties within the 1½ Mile Floodplain RAAs include residential properties and recreational properties and do not contain any commercial/industrial properties. An overview of the PCB Performance Standards for the Phase 4 properties is presented below:

- For residential properties located in Phase 4 of these RAAs, GE must calculate spatial average PCB concentrations for the 0- to 1-foot and 1- to X-foot depth increment at each Actual/Potential Lawn evaluation area, where X equals the depth at which PCBs are detected within the subject property (up to a maximum depth of 15 feet). If the spatial average PCB concentration in the 0- to 1-foot or 1- to X-foot depth increments exceeds

2 ppm, GE must remove and replace soils as necessary to achieve a spatial average PCB concentration at or below 2 ppm in each of those depth increments. In addition, if the evaluation area for surface soil exceeds 0.25 acre in size, GE must remove all soils in the top foot of unpaved areas that have PCB concentrations exceeding 10 ppm.

- For the recreational properties located in Phase 4, the applicable Performance Standards depend on whether the property owner agrees to execute an ERE for the property. Where the owner agrees to an ERE, GE must calculate spatial average PCB concentrations for the 0- to 1-foot and 1- to 3-foot depth increments for the non-riverbank area. If the spatial average PCB concentration exceeds 10 ppm in the top foot or 15 ppm in the 1- to 3-foot depth increment, GE must remove and replace soils as necessary to achieve spatial average PCB concentrations at or below those levels in the relevant depth increments. Additionally, if the evaluation area for surface soil exceeds 0.5 acre in size, GE must remove all soils in the top foot of unpaved areas that have PCB concentrations exceeding 50 ppm. GE must then calculate the spatial average PCB concentration for the 0- to 15-foot depth increment or to whatever depth sampling data exist, if less than 15 feet, incorporating the anticipated performance of any remediation for the uppermost 3 feet of area. If that spatial average exceeds 100 ppm, GE must install an engineered barrier in accordance with the specifications for such barriers in the SOW

Where the property owner does not agree to an ERE, the soil-related Performance Standards are the same as above, except that GE must calculate spatial average PCB concentrations for the 0- to 1-foot and 0- to 3-foot depth increments (instead of 0- to 1-foot and 1- to 3-foot increments) and achieve a spatial average PCB concentration of 10 ppm or less in each of those depth increments. In addition, at such properties, GE must meet the conditions set out in the CD for a Conditional Solution.

Furthermore, if subgrade utilities potentially subject to emergency repair are present (e.g., water, gas, sewer, electricity, communication, and storm water), GE must calculate a spatial average PCB concentration for the appropriate utility corridor. If that average exceeds 200 ppm, GE must evaluate whether any additional response actions are necessary for that utility corridor. Additionally, if a new sub-grade utility is installed at the property or if an existing utility is repaired or replaced, GE must ensure that the spatial average PCB concentration of the backfill materials is at or below 10 ppm in the top 3 feet and 25 ppm for soils at greater depths.

Performance Standards for Non-PCB Constituents

For non-PCB constituents, the applicable Performance Standards apply to the same evaluation areas and depths as the PCB Performance Standards and involve application of a set of steps set forth in Appendix F to the SOW. For constituents other than PCDDs/PCDFs, these steps include comparison of the maximum concentrations of all detected constituents to certain screening levels, based on or derived from EPA Region 9 Preliminary Remediation Goals (PRGs) set out in an exhibit to Appendix F to the SOW, followed by comparison of the average concentrations of the retained constituents to the Method 1 soil standards specified in the Massachusetts Contingency Plan (MCP). If any of those retained constituents has an average concentration exceeding its MCP Method 1 soil standard, GE may conduct an area-specific risk assessment for the same constituents that were retained after screening, using the same exposure scenarios and assumptions on which EPA relied in the CD to support the PCB Performance Standards. In that case, the need for remediation is to be evaluated by determining whether the resulting risk levels exceed (after rounding) an Estimated Lifetime Cancer Risk of 1×10^{-5} or a non-cancer Hazard Index of 1. Remediation is required where necessary to achieve, for the constituents retained after screening, either the MCP Method 1 soil standards or the above risk levels.

For PCDDs/PCDFs, the need for remediation is to be determined by calculating total Toxicity Equivalency Quotient (TEQ) concentrations (using Toxicity Equivalency Factors promulgated by the World Health Organization) for each relevant depth increment, and then comparing the maximum TEQ concentrations (or the 95% upper confidence limit on the mean of such concentrations, if lower) to PRGs specified in the SOW. These PRGs are 1 part per billion (ppb) for residential properties and 1 ppb in surface soil and 1.5 ppb in the 1- to 3-foot depth increment for recreational properties.

3.2 Identification of Evaluation Areas

For purpose of applying the Performance Standards described above, evaluation areas have been identified at the Phase 4 floodplain properties, based on instructions from EPA. These evaluation areas were identified in the December 2005 Work Plan Addenda and are described below.

- For the Group 4A properties, as shown on Figures 2 and 3, Parcel I7-1-101 has been divided into two evaluation areas (I7-1-101-East and I7-1-101-West), and each of the other two parcels (Parcels I7-1-5 and I7-1-2) comprises a single evaluation area.

-
- For the Group 4B properties, as shown on Figures 4 and 5, the two residential properties will be divided into four separate evaluation areas (two per parcel).
 - For the Group 4C properties, as shown on Figures 6 and 7, each of the four recreational properties (Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106), excluding the riverbanks, will comprise an evaluation area. In addition, based on review of the sampling data, a portion of two residential properties adjacent to the above-referenced properties – namely, portions of Parcels I6-1-102 and I6-1-105 – will be incorporated into the Group 4C floodplain properties due to existing PCB concentrations in excess of 2 ppm in surface soils within the western portions of these properties. The western portions of each of these properties will constitute separate evaluation areas, as shown on Figures 6 and 7. (While samples were also collected from Parcels I6-1-63 and I6-1-101, those properties will not be added to the Group 4C properties because PCBs were not detected above 2 ppm. In fact, PCBs were not detected at these properties above 0.137 ppm at Parcel I6-1-63 and 0.241 ppm at Parcel I6-1-101.)

3.3 Identification of Evaluation Depths

As noted above, the Performance Standards for residential properties apply to depth increments of 0- to 1-foot and 1- to X-feet. GE has reviewed the available PCB data for the Phase 4 residential properties and developed an “X” value (in feet bgs) for each evaluation area (where applicable) to represent the anticipated depth to be used during future RD/RA evaluations. Consistent with previous determinations at the Phase 3 floodplain properties (which are all residential), GE has selected a single depth as “X” to be applied across an entire evaluation area, and the “X” depth was selected to include all or the majority of detected PCB concentrations in the soil. GE’s proposed determination of the “X” depth for each residential evaluation area, along with the supporting rationale, is provided in Table 10.

For the recreational properties, as discussed above, the Performance Standards apply to depth increments of 0- to 1-foot, 1- to 3-feet (or 0- to 3-feet if an ERE cannot be obtained), and either 0- to 15-feet or zero to whatever depth sampling data exist if less than 15 feet. For the evaluation areas at these floodplain properties, since the existing sampling data are present at various depths, GE proposes to select an “X” value for each such area, similar to that used at residential properties, to facilitate the RD/RA evaluations. In the absence of such an approach, there would be certain discrete subsurface depth increments with very little PCB data, which would require either: (a) use of overly large and unrepresentative polygons in those increments when calculating spatial average PCB concentrations; or (b) non-uniform depths for evaluation across a single evaluation area. To avoid these problems, GE believes that it

makes sense to select a single depth as "X" to be applied across an entire evaluation area. GE's proposed determination of the "X" depth for each recreational evaluation area, along with the supporting rationale, is included in Table 10. As at the residential properties, the "X" depth was selected to include all or the majority of detected PCB concentrations in the soil.

It should also be noted that, for the recreational properties, GE and the City of Pittsfield have agreed in the CD to execute EREs at properties that do not meet residential standards. In addition, the State has agreed in the CD (§ 62.b) that, for such State-owned properties, the State will not unreasonably withhold consent to placement of an ERE so long as the ERE would not interfere with the pre-CD use of the property. For these reasons, the recreational properties owned by GE, the City, and the State have been evaluated based on the assumption that EREs will be executed if residential standards are not met. For the remaining recreational property (Parcel I7-1-5), it is unknown at this time whether the owner (an electric utility company) will agree to an ERE. Hence, this property has been evaluated both on the assumption that an ERE will be obtained and on the assumption that an ERE will not be obtained.

4. Assessment of Additional Data Needs

GE has reviewed the available PCB and non-PCB data from the Phase 4 floodplain properties to determine whether additional sampling is needed to define the extent of these constituents in soils or to support RD/RA evaluations for these properties. The evaluation procedures and results are described below.

4.1 Evaluation Procedures

To assess the need for additional PCB sampling data, GE has reviewed the existing data to determine whether the horizontal and vertical extent of PCBs has been sufficiently defined to support future RD/RA evaluations. In addition, for the non-residential properties, GE has evaluated whether sufficient PCB data exist to apply the Performance Standard relating to subgrade utility corridors – i.e., that if the spatial average PCB concentration in such corridor is more than 200 ppm, an evaluation of further response actions is necessary. The known utility lines on these properties are shown on Figure 2 (for Group 4A) and Figure 6 (for Group 4C). To make this evaluation, the existing data within a 50-foot band centered on each utility line (shown on Figures 2 and 6) have been reviewed to determine whether such data exist at approximate 100- to 150-foot linear intervals along the line. For these floodplain properties, GE has considered that these criteria are met even if the existing sampling data do not extend to the depth of the utility, provided that the spatial average PCB concentration derived from the existing sampling data within the utility band is well below 200 ppm. The reason for this is that, based on review of the overall data from these groups of floodplain properties, it would not be expected that deeper sampling data would be higher than the existing data so as to cause the spatial average PCB concentration in the utility band to exceed 200 ppm. It should also be noted that, since survey activities have not been completed at the Group 4C properties, it is possible that the location of utility lines at those properties will be adjusted or that additional utility lines will be identified based on the survey. In that case, GE will confirm, using the above approach, that the PCB data are sufficient to assess the utility corridors under the applicable Performance Standard.

To assess the need for additional sampling data on non-PCB constituents, GE has reviewed the non-PCB data for each evaluation area using the non-PCB evaluation procedures summarized in Section 3.1 above and the same “X” values proposed for the PCB evaluations, and also considering the likely extent of soil removal (if any) to address PCBs. For residential properties, this assessment involved the screening comparison to PRGs, followed by comparison of the average concentrations of the retained constituents to the MCP Method 1 soil standards. For this comparison, based

on agreement between GE and EPA, GE has used the MDEP's "Wave 2" Method 1 soil standards, which were proposed by MDEP in September 2004 and are expected to be finalized shortly, prior to the implementation of any remediation at the Phase 4 floodplain properties. For the recreational properties, GE followed the same procedure, with the addition that if there were any exceedances of the Wave 2 Method 1 soil standards, a preliminary risk evaluation was conducted for each evaluation area, using the procedures specified in the SOW, to assess the need for soil remediation to achieve the risk benchmarks set forth in the SOW.

4.2 Evaluation at Group 4A Properties

PCB Evaluation

Upon review of the PCB data presented on Figure 2, GE has concluded that the horizontal and vertical extent of PCBs at the Group 4A floodplain properties has been sufficiently defined to support future RD/RA evaluations. In addition, GE has determined, using the approach described in Section 4.1, that the existing data within the utility band at these properties are sufficient to apply the Performance Standard relating to subsurface utility corridors. Hence, no additional PCB sampling at these properties is necessary.

Non-PCB Evaluation and Sampling Proposal

For Parcels, I7-1-2 and I7-1-5, GE's preliminary evaluation of the existing PCB data indicates that no remediation is necessary to address PCBs in soils. Accordingly, consistent with the SOW (pp. 69-70) and the approach followed in prior phases of the 1½ Mile Floodplain RAAs, GE is not proposing to conduct investigations of non-PCB constituents in soil at these properties.

For Parcel I7-1-101 (Fred Garner Park), GE's evaluation of the non-PCB data (Tables 2 through 4) has indicated that additional sampling is necessary to delineate the extent of elevated concentrations of certain constituents at three locations, so as to allow development of a proposal for remediation beyond the extent of the PCB-related remediation. Specifically, GE has identified the following three samples that will likely require such remediation to address non-PCB constituents: (1) the 0- to 1-foot sample from location 4A-SB-6 in the I7-1-101-East area, which had an elevated concentration of arsenic; (2) the 1- to 3-foot sample from location 4A-SB-5 in the I7-1-101-East area, which had elevated concentrations of polycyclic aromatic hydrocarbons (PAHs); and (3) the 0- to 1-foot sample from location 4A-SB-16 in the I7-1-101-West area, which also had elevated concentrations of PAHs. GE proposes to conduct

additional non-PCB investigations to further define the horizontal extent of these constituents. Specifically, GE proposes to collect: (1) three surficial samples (0- to 1-foot depth increment) around sample location 4A-SB-6 for arsenic analysis; (2) four samples from the 1- to 3-foot depth increment around sample location 4A-SB-5 for analysis of SVOCs (which include PAHs); and (3) four surficial samples around sample location 4A-SB-16 for SVOC analysis. These proposed samples are listed in Table 11, and the proposed sample locations are shown on Figure 3.

4.3 Evaluation at Group 4B Properties

PCB Evaluation

Upon review of the PCB data presented on Figure 4, GE has concluded that the horizontal and vertical extent of PCBs at the Group 4B floodplain properties has been sufficiently defined to support future RD/RA evaluations. Hence, no additional PCB sampling at these properties is necessary.

Non-PCB Evaluation

The non-PCB data from the Group 4B properties are presented in Table 6. GE's evaluation of these data indicates that the existing data are sufficient to conduct the RD/RA evaluations at the properties in this group, and that thus additional non-PCB investigations at these properties are not necessary.

4.4 Evaluation at Group 4C Properties

PCB Evaluation

Upon review of the PCB data presented on Figure 6, GE has concluded that the horizontal and vertical extent of PCBs at the Group 4C floodplain properties has been sufficiently defined to support future RD/RA evaluations at these properties. In addition, GE has determined, using the approach described in Section 4.1, that the existing data within the utility band at these properties are sufficient to apply the Performance Standard relating to subsurface utility corridors. Hence, no additional PCB sampling at these properties is necessary. However, as noted above, since survey activities have not been completed at this group of properties, it is possible that the location of utility lines at those properties will be adjusted or that additional utility lines will be identified based on the survey. In that case,

following completion of the survey, GE will confirm that the PCB data are sufficient to assess the utility corridors under the applicable Performance Standard, and if not, will propose additional sampling.

It should also be noted that PCBs have not been fully delineated to the south of Parcel I6-1-106 onto adjacent Parcel I6-1-41. However, the latter parcel, which is located south of the confluence of the East and West Branches of the Houston River, has been evaluated as part of the Rest of River area. It is included, for example, in EPA's Human Health Risk Assessment of the Rest of River. As a result, no additional sampling of that parcel is warranted as part of the 1½ Mile Floodplain RAAs.

Non-PCB Evaluation

Non-PCB data are available from all of the Group 4C properties except the portion of Parcel I6-1-102 proposed to be added to this group. These data are presented in Tables 8 and 9. GE's evaluation of these data indicates that the existing data are sufficient to conduct the RD/RA evaluations at these properties, and that thus additional non-PCB investigations are not necessary. For the western portion of Parcel I6-1-102, GE has reviewed the available PCB results from samples collected within and adjacent to that portion to determine if non-PCB investigations would be required in this newly identified evaluation area. Based on this preliminary review, it appears that the existing spatial average PCB concentration within this evaluation area is below the applicable PCB Performance Standard of 2 ppm. However, PCBs were detected within surficial samples (0- to 1-foot depth increment) collected at Parcel I6-1-103, near its boundary with Parcel I6-1-102, at levels above the applicable NTE criterion of 10 ppm. Therefore, limited soil removal activities are likely to be required within the western portion of Parcel I6-1-102 to address the NTE exceedances. However, since the limited 1-foot soil removal within Parcel I6-1-102 would be driven by samples collected on an adjacent parcel and since the existing spatial average PCB concentration at the portion of Parcel I6-1-102 proposed to be added to Group 4C appears to be below 2 ppm, GE believes that non-PCB investigations within this evaluation area are not warranted.

5. Proposed Schedule

As discussed in Section 4, the only additional sampling data needs identified at this time relate to the collection of additional samples at Parcel I7-1-101 within Group 4A for analysis of arsenic and/or SVOCs. GE proposes to conduct that additional sampling promptly following EPA's approval of this Phase 4 PDI Report. In addition, GE will perform survey activities at the Groups 4B and 4C properties. Within 45 days from EPA's approval of this Phase 4 PDI Report, GE will submit a supplemental PDI letter report presenting the results of the additional sampling and evaluating the need for further sampling. Assuming that GE concludes that no such further sampling is needed, GE will complete the RD/RA evaluations at all three groups of Phase 4 properties and submit an RD/RA Work Plan for all the Phase 4 properties within two months from the date of submission of the supplemental PDI letter report.

If, however, review of the results of the additional sampling proposed herein for Parcel I7-1-101 or the survey work to be performed by GE indicates the need for additional sampling, GE will propose such further sampling in the above-referenced supplemental PDI report. In that case, GE will split off and expedite the RD/RA evaluations for the group(s) of properties where additional sampling is not needed, and will propose revised dates for submission of the RD/RA Work Plans for these groups of properties and for the properties where additional sampling is needed.

Tables

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2005 PCB INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 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	Area 101B	Area 1221	Area 1232	Area 1242	Area 1248	Area 1254	Area 1280	Total PCBs
Parcel 17-1-2										
4A-SB-1	0-1	1/26/2005	ND(0.040)							
4A-SB-2	0-1	1/26/2005	ND(0.037)							
4A-SB-3	0-1	1/26/2005	ND(0.036)							
4A-SB-3	0-1	1/26/2005	ND(0.044)							
Parcel 17-1-3										
4A-SB-4	0-1	1/26/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.10	0.10
	1-3	1/26/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.026 J	0.026 J
	3-6	1/26/2005	ND(0.038)							
4A-SB-5	0-1	1/26/2005	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.0	3.0	4.9
	1-3	1/26/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.64	0.98	1.62
	3-6	1/26/2005	ND(0.039)							
Parcel 17-1-101 (EAST)										
4A-SB-2	0-1	1/27/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.11	0.11
	1-3	1/27/2005	ND(0.036)							
	3-6	1/27/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.325 J	0.045	0.071
4A-SB-3	0-1	1/31/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.13	0.20	0.33
	1-3	1/31/2005	ND(0.040)							
	3-6	1/31/2005	ND(0.040) (ND(0.040))							
4A-SB-5	0-1	1/24/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.31	0.34	0.65
	1-3	1/24/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.39	0.28	0.67
	3-6	1/24/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.49	0.27	0.76
	6-9	1/24/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.21	0.32	0.53
4A-SB-6	0-1	1/31/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.37	1.0	1.37
	1-3	1/31/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.19	0.39	0.58
	3-6	1/31/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.71	0.40	1.11
	6-10	1/31/2005	ND(0.053)							
4A-SB-7	0-1	1/28/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.33	0.67	1.0
	1-3	1/28/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.033 J	0.033 J
	3-6	1/28/2005	ND(0.041)							
4A-SB-10	0-1	1/24/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.096	0.27	0.366
	1-3	1/24/2005	ND(0.038)							
	3-6	1/24/2005	ND(0.040)							
4A-SB-11	0-1	1/25/2005	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.5	6.9	9.4
	1-3	1/25/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.030 J	0.033 J	0.062 J
	3-6	1/25/2005	ND(0.045)							
4A-SB-12	0-1	1/28/2005	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	12	21	33
	1-3	1/28/2005	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	14	20	34
	3-6	1/28/2005	ND(0.041)							
4A-SB-14	0-1	1/25/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.36	0.39	0.75
	1-3	1/25/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.027 J	0.032 J	0.059 J
	3-6	1/25/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.017 J	0.029 J	0.046 J
4A-SB-15	0-1	1/25/2005	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.3	4.2	6.5
	1-3	1/25/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.048	0.061	0.107
	3-6	1/25/2005	ND(0.042)							
4A-SB-17	0-1	1/25/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.25 J	0.37 J
	1-3	1/25/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.091	0.077	0.168
	3-6	1/25/2005	ND(0.038) (ND(0.039))							

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2005 PCB INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
4A-SB-1B	0-1	1/25/2005	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	4.1	0.7	13.8
	1-3	1/25/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.73	1.1	1.83
	3-6	1/25/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.54	0.27	0.81
	6-10	1/25/2005	ND(0.043)							
4A-SB-2A	0-1	1/31/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.71	1.3	2.01
	1-3	1/31/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.226 J	0.026 J	0.252 J
	3-6	1/31/2005	ND(0.041) [ND(0.041)]							
4A-SB-2B	0-1	1/24/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.21	0.47	0.68
4A-SB-2BA	0-1	2/3/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.042	0.10	0.143
	1-3	2/3/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.030 J	0.024 J	0.054 J
	3-6	2/3/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.16	0.090	0.27
	6-10	2/3/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.044	0.044
4A-SS-2	0-1	1/28/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.30	0.90	1.20
4A-SS-3	0-1	1/26/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.23	0.70	0.93
4A-SS-4	0-1	1/28/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.082	0.18	0.262
4A-SS-5	0-1	1/28/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.32	0.91	1.23
4A-SS-7	0-1	1/28/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.31	0.55	0.86
4A-SS-10	0-1	1/26/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.25	0.25	0.50
4A-SS-11	0-1	1/24/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.44	0.60	1.04
4A-SS-13	0-1	1/25/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.18	0.11	0.27
4A-SS-14	0-1	1/25/2005	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	0.5	0.9	1.4
4A-SS-15	0-1	1/25/2005	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	10	27	37
4A-SS-16	0-1	1/25/2005	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	1.8	8.0	12.7
4A-SS-17	0-1	1/25/2005	ND(0.41) [ND(0.40)]	2.7 [2.8]	2.8 [5.3 J]	5.3 [5.5 J]				
4A-SS-18	0-1	1/25/2005	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	3.5	6.2	9.7
4A-SS-19	0-1	1/25/2005	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	8.5	18	24.5
4A-SS-20	0-1	1/25/2005	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	4.6	9.3	13.9
4A-SS-22	0-1	1/26/2005	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.8	4.3	7.4
Parcel 17-4-16 (WEST)										
4A-SB-1	0-1	1/31/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.387	0.24	0.327
	1-3	1/31/2005	ND(0.036)							
	3-6	1/31/2005	ND(0.036)							
4A-SB-4	0-1	1/31/2005	ND(0.042)							
	1-3	1/31/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.10
	3-6	1/31/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.038 J	ND(0.038)	0.038 J
4A-SB-13	0-1	1/26/2005	ND(0.040) [ND(0.044)]							
	1-3	1/26/2005	ND(0.035)							
	3-6	1/26/2005	ND(0.036)							
4A-SB-18	0-1	2/3/2005	ND(0.039)							
	1-3	2/3/2005	ND(0.037)							
	3-6	2/3/2005	ND(0.041)							
4A-SB-19	0-1	1/27/2005	ND(0.042)							
	1-3	1/27/2005	ND(0.038)	ND(0.039)						
	3-6	1/27/2005	ND(0.037)							
4A-SB-20	0-1	1/27/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.04	ND(0.038)	0.04
	1-3	1/27/2005	R	R	R	R	R	0.083 J	R	0.083 J
	3-6	1/27/2005	ND(0.035)							
4A-SB-21	0-1	2/2/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.11	0.18	0.29
	1-3	2/2/2005	ND(0.036)							
	3-6	2/2/2005	ND(0.040)							

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2000 PCB INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE BEACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor 1018	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
44-SB-22	0-1	2/9/2000	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	14	28	34
	1-3	2/9/2000	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	2.18	3.14	0.24	
	3-6	2/9/2000	ND(0.042) (ND(0.042))							
44-SB-23	0-1	2/9/2000	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	17	43	60
	1-3	2/9/2000	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	8.6	9.4	18.2	
	3-6	2/9/2000	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	6.022	0.183	
	6-10	2/9/2000	ND(0.048)							
44-SB-25	0-1	1/26/2000	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.067	0.14	0.232
	1-3	1/26/2000	ND(0.036)							
	3-6	1/26/2000	ND(0.039)							
44-SB-27	0-1	1/27/2000	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.073	0.18	0.233
	1-3	1/27/2000	ND(0.036)							
	3-6	1/27/2000	ND(0.039)							
44-SB-28	0-1	2/9/2000	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	14	33	47
	1-3	2/9/2000	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	20	34	54
	3-6	2/9/2000	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.047 J	ND(0.040)	0.047 J
44-SB-12	0-1	1/26/2000	ND(0.039)							
44-SB-21	0-1	1/26/2000	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.045	0.10	0.165

Notes:

1. Samples were collected by Blastem, Rauch & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. Samples have been collected as per Field Sampling Plan/Quality Assurance Project Plan (FSPP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blastem Rauch & Lee, Inc. (approved May 28, 2004 and resubmitted June 18, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Quality:

- J - Indicates that the associated numerical value is an estimated concentration.
- K - Data was rejected due to a difference in the data generation process.

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth (Feet): Parameter	4A-SB-3 0-1 01/31/05	4A-SB-3 3-6 01/31/05	4A-SB-3 4-6 01/31/05	4A-SB-3 0-1 01/24/05
Volatile Organics				
2-Butanone	NA	NA	ND(0.012) (ND(0.012))	NA
Acetone	NA	NA	ND(0.024) (ND(0.023))	NA
Xylenes (total)	NA	NA	ND(0.0080) (ND(0.0058))	NA
Semivolatile Organics				
2-Methylnaphthalene	ND(4.0)	ND(0.40) (ND(0.40))	NA	ND(0.47)
Acenaphthene	ND(4.0)	ND(0.40) (ND(0.40))	NA	ND(0.47)
Acenaphthylene	2.7 J	ND(0.40) (ND(0.40))	NA	ND(0.47)
Anthracene	1.1 J	ND(0.40) (ND(0.40))	NA	ND(0.47)
Benzo(a)anthracene	3.6 J	ND(0.40) (ND(0.40))	NA	0.11 J
Benzo(a)pyrene	4.0 J	ND(0.40) (ND(0.40))	NA	0.11 J
Benzo(b)fluoranthene	3.2 J	ND(0.40) (ND(0.40))	NA	0.12 J
Benzo(g,h,i)perylene	2.7 J	ND(0.40) (ND(0.40))	NA	0.074 J
Benzo(k)fluoranthene	4.1	ND(0.40) (ND(0.40))	NA	0.13 J
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.39) (ND(0.39))	NA	ND(0.47)
Chrysene	4.9	ND(0.40) (ND(0.40))	NA	0.13 J
Dibenz(a,h)anthracene	0.58 J	ND(0.40) (ND(0.40))	NA	ND(0.47)
Dibenzofuran	ND(4.0)	ND(0.40) (ND(0.40))	NA	ND(0.47)
Fluoranthene	7.5	ND(0.40) (ND(0.40))	NA	0.22 J
Fluorene	ND(4.0)	ND(0.40) (ND(0.40))	NA	ND(0.47)
Indeno(1,2,3-cd)pyrene	2.1 J	ND(0.40) (ND(0.40))	NA	0.052 J
Naphthalene	ND(4.0)	ND(0.40) (ND(0.40))	NA	ND(0.47)
Phenanthrene	3.6 J	ND(0.40) (ND(0.40))	NA	0.081 J
Pyrene	7.8	ND(0.40) (ND(0.40))	NA	0.22 J
Furans				
2,3,7,8-TCDF	0.0000048 Y	ND(0.0000057) (ND(0.0000052))	NA	0.0000023 JY
TCDFs (total)	0.000062	ND(0.0000057) (ND(0.0000052))	NA	0.000012
1,2,3,7,8-PeCDF	0.0000024 J	ND(0.0000058) (ND(0.0000035))	NA	0.0000017 J
2,3,4,7,8-PeCOF	0.000012	ND(0.0000058) (ND(0.0000055))	NA	0.0000027 J
PeCDFs (total)	0.00015	ND(0.0000058) (ND(0.0000055))	NA	0.000028
1,2,3,4,7,8-HxCDF	0.0000044 J	ND(0.0000058) (ND(0.0000055))	NA	0.0000028 J
1,2,3,6,7,8-HxCDF	0.0000038 J	ND(0.0000058) (ND(0.0000055))	NA	0.0000019 J
1,2,3,7,8,9-HxCDF	0.000011 J	ND(0.0000061) (ND(0.0000063))	NA	ND(0.0000015)
2,3,4,6,7,8-HxCDF	0.0000089	ND(0.0000058) (ND(0.0000056))	NA	0.0000019 J
HxCDFs (total)	0.00012	ND(0.0000058) (ND(0.0000056))	NA	0.000016
1,2,3,4,6,7,8-HpCDF	0.000023	ND(0.0000064) (ND(0.0000057))	NA	0.000012
1,2,3,4,7,8,9-HpCDF	0.0000016 J	ND(0.0000078) (ND(0.0000071))	NA	ND(0.0000011)
HpCDFs (total)	0.000050	ND(0.0000070) (ND(0.0000063))	NA	0.000023
OCDF	0.000023	ND(0.0000012) (ND(0.0000012))	NA	0.000012 J
Dioxins				
2,3,7,8-TCDD	ND(0.0000061)	ND(0.0000053) (ND(0.0000049))	NA	ND(0.0000075)
TCDDs (total)	0.0000016 J	ND(0.0000053) (ND(0.0000064))	NA	ND(0.0000075)
1,2,3,7,8-PeCDD	0.0000096 J	ND(0.0000058) (ND(0.0000055))	NA	ND(0.0000085)
PeCDDs (total)	0.0000048 JO	ND(0.0000089) (ND(0.0000068))	NA	0.000013 J
1,2,3,4,7,8-HxCDD	0.0000012 J	ND(0.0000059) (ND(0.0000068))	NA	ND(0.000010)
1,2,3,6,7,8-HxCDD	0.0000031 J	ND(0.0000058) (ND(0.0000064))	NA	ND(0.0000099)
1,2,3,7,8,9-HxCDD	0.0000024 J	ND(0.0000060) (ND(0.0000068))	NA	ND(0.000010)
HxCDDs (total)	0.000003	ND(0.0000076) (ND(0.0000069))	NA	0.0000050 J
1,2,3,4,6,7,8-HpCDD	0.000035	ND(0.0000083) (ND(0.0000085))	NA	0.000012
HpCDDs (total)	0.000071	ND(0.0000083) (ND(0.0000085))	NA	0.000021
OCDD	0.000023	ND(0.0000044) (ND(0.0000033))	NA	0.0000096
Total TEQs (WHO YEF ₁)	0.000011	0.0000096 (0.0000092)	NA	0.0000036

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:		17-1-101 (EAST)			
Sample ID:	4A-SB-3	4A-SB-3	4A-SB-3	4A-SB-5	
Sample Depth (Feet):	0-1	3-6	4-6	0-1	
Parameter:	Date Collected:	01/31/05	01/31/05	01/31/05	01/24/05
Inorganics					
Antimony	1.10 B	ND(6.00) [ND(6.00)]	NA	ND(6.00)	
Arsenic	11.0	4.10 [3.40]	NA	23.0	
Barium	27.0	38.0 [31.0]	NA	37.0	
Beryllium	0.260 B	0.320 B [0.280 B]	NA	0.280 B	
Cadmium	1.30	1.20 [1.10]	NA	ND(0.50)	
Chromium	7.60	9.30 [8.90]	NA	14.0	
Cobalt	8.40	8.50 [8.60]	NA	11.0	
Copper	19.0	11.0 [11.0]	NA	21.0	
Cyanide	0.150 B	0.0510 B [0.130]	NA	0.230	
Lead	68.0	6.00 [5.50]	NA	84.0	
Mercury	4.00	0.0140 B [0.0230 B]	NA	0.0830 B	
Nickel	15.0	14.0 [13.0]	NA	22.0	
Selenium	ND(1.00) J	ND(1.00) J [ND(1.00) J]	NA	2.10 J	
Silver	ND(1.00)	ND(1.00) [ND(1.00)]	NA	ND(1.1)	
Sulfide	1400	5.70 B [7.60]	NA	ND(7.10)	
Thallium	4.00	3.20 J [3.30 J]	NA	ND(1.40) J	
Tin	ND(10.0)	ND(10.0) J [40.0 J]	NA	ND(11.0)	
Vanadium	8.70	10.0 [8.80]	NA	18.0	
Zinc	72.0	50.0 [48.0]	NA	80.0	

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1.1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	17-1101 (EAST)							
Sample ID:	4A-SB-5	4A-SB-6	4A-SB-6	4A-SB-6	4A-SB-12	4A-SB-12	4A-SB-14	
Sample Depth (Feet):	1-3	0-1	3-5	3-6	0-1	1-3	0-1	
Parameter:	Date Collected:	01/24/05	01/24/05	01/24/05	01/23/05	01/28/05	01/28/05	01/25/05
Volatiles Organics								
2-Butanone	0.016	NA	ND(0.014) J	NA	NA	ND(0.011)	NA	
Acetone	0.042	NA	ND(0.027) J	NA	NA	ND(0.023)	NA	
Xylenes (total)	0.0082	NA	ND(0.0068) J	NA	NA	ND(0.0057)	NA	
Semivolatile Organics								
2-Methylnaphthalene	ND(3.9)	ND(0.47)	NA	0.68 J	0.061 J	ND(0.38)	ND(4.0)	
Acenaphthene	0.71 J	ND(0.47)	NA	0.79 J	ND(0.40)	ND(0.38) J	ND(4.0)	
Acenaphthylene	2.4 J	0.13 J	NA	0.57 J	0.66	0.24 J	2.1 J	
Anthracene	3.9 J	0.080 J	NA	1.7 J	0.39 J	0.15 J	2.6 J	
Benzo(a)anthracene	13	0.34 J	NA	3.5 J	1.5	0.57	6.5	
Benzo(a)pyrene	13	0.38 J	NA	2.7 J	1.5	0.58	5.5	
Benzo(b)fluoranthene	10	0.32 J	NA	2.3 J	1.0	0.37 J	3.7 J	
Benzo(g,h,i)perylene	7.8	0.21 J	NA	1.4 J	0.81	0.30 J	2.9 J	
Benzo(k)fluoranthene	11	0.32 J	NA	2.6 J	1.2	0.51	5.2	
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.46)	NA	ND(2.9)	ND(0.40)	ND(0.38)	ND(2.0)	
Chrysene	15	0.40 J	NA	3.5 J	1.4	0.57	6.0	
Dibenz(a,h)anthracene	1.5 J	ND(0.47)	NA	ND(5.8)	0.28 J	0.067 J	1.0 J	
Dibenzofuran	0.46 J	ND(0.47)	NA	0.72 J	0.051 J	ND(0.38)	0.83 J	
Fluoranthene	26	0.82	NA	8.1	2.3	0.92	13	
Fluorene	1.8 J	ND(0.47)	NA	1.0 J	0.14 J	0.040 J	0.47 J	
Indeno(1,2,3-cd)pyrene	6.7	0.19 J	NA	1.3 J	0.69	0.25 J	2.5 J	
Naphthalene	ND(3.9)	ND(0.47)	NA	2.0 J	0.13 J	0.063 J	0.63 J	
Phenanthrene	14	0.21 J	NA	8.0	0.95	0.36 J	10	
Pyrene	27	0.82	NA	6.7	2.2	0.90 J	12	
Furans								
2,3,7,8-TCDF	0.000030 Y	0.000078 Y	NA	0.000030 Y	0.000023 Y	0.000025 Y	0.000022 J	
TCDFs (total)	0.000042 O	0.000064	NA	0.000018	0.000024 QI	0.000020 I	0.000013 Q	
1,2,3,7,8-PeCDF	0.000025 J	0.000048 J	NA	0.000015 J	0.000018	0.000010	0.000012 J	
2,3,4,7,8-PeCDF	0.000010	0.000075	NA	0.000025 J	0.000038	0.000030	0.000022 J	
PeCDFs (total)	0.00012 Q	0.000096 I	NA	0.000020	0.000042 Q	0.000025 I	0.000018 Q	
1,2,3,4,7,8-HxCDF	0.000027 J	0.000015	NA	0.000030 J	0.000092	0.000051	0.000021 J	
1,2,3,6,7,8-HxCDF	0.000029 J	0.000065	NA	0.000016 J	0.000030	0.000016	0.000010 J	
1,2,3,7,8,9-HxCDF	ND(0.000020) X	ND(0.000028) X	NA	ND(0.000012)	0.000017	0.000009	ND(0.0000069)	
2,3,4,6,7,8-HxCDF	0.000061	0.000073	NA	ND(0.000011) X	0.000040	0.000019	ND(0.000015) X	
HxCDFs (total)	0.000065	0.00013	NA	0.000015	0.000074	0.000036	0.000021	
1,2,3,4,6,7,8-HpCDF	0.000093	0.000084	NA	0.000079	0.00042	0.00035 J	0.000086	
1,2,3,4,7,8,9-HpCDF	0.000017 J	0.000058 J	NA	ND(0.000018)	0.000040	0.000022	ND(0.0000062)	
HpCDFs (total)	0.000020	0.00015	NA	0.000013	0.00085	0.00039	0.000017	
OCDF	0.000013	0.000046	NA	0.000044 J	0.00038	0.00014	0.000083 J	
Dioxins								
2,3,7,8-TCDD	0.000049	ND(0.0000077)	NA	ND(0.0000075)	0.000066	0.000017 J	ND(0.0000052) X	
TCDDs (total)	0.000049	0.000032	NA	ND(0.0000075)	0.000093	0.000018	ND(0.0000075)	
1,2,3,7,8-PeCDD	0.000018 J	0.000017 J	NA	ND(0.0000084)	0.000011	0.000062	ND(0.0000057)	
PeCDDs (total)	0.000035 JQ	0.000017	NA	ND(0.0000084)	0.000011 Q	0.000067	0.0000089 J	
1,2,3,4,7,8-HxCDD	ND(0.000015) X	0.000021 J	NA	ND(0.000013)	0.000013	0.000066	ND(0.0000071)	
1,2,3,6,7,8-HxCDD	0.000018 J	0.000032 J	NA	ND(0.000013)	0.000019	0.000090	ND(0.0000064)	
1,2,3,7,8,9-HxCDD	ND(0.000022) X	0.000027 J	NA	ND(0.000014)	0.000015	0.000080	ND(0.0000068)	
HxCDDs (total)	0.000010	0.000044	NA	0.000014 J	0.00027	0.00014	0.000053 J	
1,2,3,4,6,7,8-HpCDD	0.000013	0.000029	NA	0.000030 J	0.00019	0.000064	0.000090	
HpCDDs (total)	0.000027	0.000058	NA	0.000065 J	0.00036	0.00014	0.000017	
OCDD	0.00010	0.00019	NA	0.000019	0.0013	0.00020 J	0.000079	
Total TEQs (WHO TEQs)	0.000014	0.000012	NA	0.000033	0.00013	0.000042	0.000026	

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+ INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	17-1-101 (EAST)							
Sample ID:	4A-SB-5	4A-SB-8	4A-SB-6	4A-SB-6	4A-SB-12	4A-SB-12	4A-SB-14	
Sample Depth (Feet):	1-3	0-1	3-5	3-5	0-1	1-3	0-1	
Parameter	Date Collected:	01/24/05	01/31/05	01/31/05	01/31/05	01/28/05	01/28/05	01/25/05
Inorganics								
Antimony	ND(5.00)	ND(5.00)	NA	5.70	ND(5.00) J	ND(5.00) J	0.880 B	
Arsenic	4.80	70.0	NA	4.90	3.90 J	2.40 J	8.90	
Barium	34.0	41.0	NA	61.0	39.0	26.0	28.0	
Beryllium	0.110 B	0.290 B	NA	0.140 B	0.300 B	0.220 B	0.300 B	
Cadmium	ND(0.50)	1.80	NA	0.660	1.20	0.660	1.10	
Chromium	8.00	14.0	NA	7.10	14.0	11.0	13.0	
Cobalt	8.50	12.0	NA	2.60 B	7.10	5.60	14.0	
Copper	16.0	32.0	NA	390	78.0 J	17.0 J	29.0	
Cyanide	0.140	ND(0.140)	NA	0.200	0.200	0.120	0.0006 B	
Lead	70.0	240	NA	710	47.0	30.0	30.0	
Mercury	0.0440 B	0.310	NA	22.0	0.0830 B	0.0160 B	0.0490 B	
Nickel	18.0	19.0	NA	5.20	12.0	0.70	24.0	
Selenium	1.40 J	ND(1.00) J	NA	0.710 J	ND(1.00) J	ND(1.00) J	ND(1.00) J	
Silver	ND(1.00)	ND(1.0)	NA	2.30	ND(1.00)	ND(1.00)	ND(1.00) J	
Sulfide	11.0	6.80 B	NA	16.0	7.70	9.10	ND(5.00)	
Thallium	ND(1.20) J	5.30	NA	2.00 J	2.80 J	2.20 J	7.70	
Tin	ND(11.0)	ND(10.0)	NA	290 J	ND(10.0) J	ND(10.0) J	ND(10.0)	
Vanadium	9.10	13.0	NA	7.90	11.0	7.20	13.0	
Zinc	75.0	100	NA	130	90.0 J	58.0 J	87.0	

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	17-1-101 (EAST)						
Sample ID:	4A-SB-14	4A-SB-15	4A-SB-15	4A-SB-15	4A-SB-17	4A-SB-17	4A-SS-19
Sample Depth (Feet):	3-6	0-1	3-5	3-6	0-1	1-3	0-1
Parameter	Date Collected:	01/25/05	01/25/05	01/25/05	01/25/05	01/25/05	01/25/05
Volatile Organics							
2-Butanone	NA	NA	ND(0.014)	NA	NA	ND(0.012)	NA
Acetone	NA	NA	ND(0.027)	NA	NA	ND(0.023)	NA
Xylenes (total)	NA	NA	ND(0.0058)	NA	NA	ND(0.0058)	NA
Semivolatile Organics							
2-Methylnaphthalene	ND(0.36)	0.049 J	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Acenaphthene	ND(0.36)	ND(0.42)	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Acenaphthylene	ND(0.36)	0.28 J	NA	ND(0.42)	0.59 J	0.66 J	1.2 J
Anthracene	ND(0.36)	0.087 J	NA	ND(0.42)	0.55 J	0.45 J	0.90 J
Benzo(a)anthracene	ND(0.36)	0.30 J	NA	ND(0.42)	1.4 J	1.6 J	3.2 J
Benzo(a)pyrene	ND(0.36)	0.45	NA	ND(0.42)	1.6 J	1.9 J	3.3 J
Benzo(b)fluoranthene	ND(0.36)	0.29 J	NA	ND(0.42)	1.4 J	1.8 J	2.4 J
Benzo(g,h,i)perylene	ND(0.36)	0.40 J	NA	ND(0.42)	1.2 J	1.6 J	2.2 J
Benzo(k)fluoranthene	ND(0.36)	0.39 J	NA	ND(0.42)	1.6 J	1.9 J	2.9 J
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.41)	NA	ND(0.42)	ND(1.9)	ND(1.9)	ND(2.0)
Chrysene	ND(0.36)	0.36 J	NA	ND(0.42)	1.8 J	1.7 J	3.4 J
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.42)	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Dibenzofuran	ND(0.36)	ND(0.42)	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Fluoranthene	ND(0.36)	0.39 J	NA	ND(0.42)	2.8 J	2.8 J	5.6
Fluorene	ND(0.36)	ND(0.42)	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Indeno(1,2,3-cd)pyrene	ND(0.36)	0.27 J	NA	ND(0.42)	1.1 J	1.2 J	2.1 J
Naphthalene	ND(0.36)	0.068 J	NA	ND(0.42)	ND(3.8)	ND(3.8)	ND(4.1)
Phenanthrene	ND(0.36)	0.18 J	NA	ND(0.42)	1.4 J	1.1 J	2.8 J
Pyrene	ND(0.36)	0.56	NA	ND(0.42)	3.1 J	3.3 J	6.3
Furans							
2,3,7,8-TCDF	ND(0.0000022)	0.000012 Y	NA	ND(0.0000033)	0.000037 Y	0.000028 Y	0.000043 Y
TCDFs (total)	ND(0.0000022)	0.000095	NA	0.0000058 J	0.000042	0.000029	0.00030
1,2,3,7,8-PeCDF	ND(0.0000054)	0.000010	NA	ND(0.0000069)	0.000016 J	0.000010 J	0.000028
2,3,4,7,8-PeCDF	ND(0.0000054)	0.000013	NA	ND(0.0000069)	0.000027 J	0.000017 J	0.000050
PeCDFs (total)	ND(0.0000054)	0.00014	NA	ND(0.0000069)	0.000026	0.000016	0.00039
1,2,3,4,7,8-HxCDF	ND(0.0000054)	0.000027	NA	ND(0.0000069)	0.000021 J	0.000014 J	0.000070
1,2,3,6,7,8-HxCDF	ND(0.0000054)	0.000011	NA	ND(0.0000069)	0.000014 J	0.0000093 J	0.000027
1,2,3,7,8,9-HxCDF	ND(0.0000054)	0.000043 J	NA	ND(0.0000069)	ND(0.0000075)	ND(0.0000056)	0.000011
2,3,4,6,7,8-HxCDF	ND(0.0000054)	0.000011	NA	ND(0.0000069)	0.000017 J	0.000011 J	0.000032
HxCDFs (total)	ND(0.0000054)	0.00020	NA	ND(0.0000069)	0.000028	0.000017	0.00055
1,2,3,4,6,7,8-HpCDF	ND(0.0000054)	0.000011	NA	ND(0.0000069)	0.0000079	0.0000035 J	0.000029
1,2,3,4,7,8,9-HpCDF	ND(0.0000054)	0.000080	NA	ND(0.0000069)	ND(0.0000085) X	ND(0.0000058)	0.000024
HpCDFs (total)	ND(0.0000054)	0.00020	NA	ND(0.0000069)	0.000016	0.0000076	0.00067
OCDF	ND(0.0000011)	0.000080	NA	ND(0.0000014)	0.000012	0.000049 J	0.00044
Dioxins							
2,3,7,8-TCDD	ND(0.0000029)	0.0000075 J	NA	ND(0.0000041)	0.0000058 J	ND(0.0000036)	0.000011
TCDDs (total)	ND(0.0000048)	0.000037	NA	ND(0.0000087)	0.0000096 J	ND(0.0000076)	0.000019
1,2,3,7,8-PeCDD	ND(0.0000054)	0.000023 J	NA	ND(0.0000069)	ND(0.0000057)	ND(0.0000056)	0.000064
PeCDDs (total)	ND(0.0000062)	0.000018	NA	ND(0.0000012)	ND(0.0000057)	ND(0.0000056)	0.000056
1,2,3,4,7,8-HxCDD	ND(0.0000054)	0.000029 J	NA	ND(0.0000075)	ND(0.0000084)	ND(0.0000057)	0.000076
1,2,3,6,7,8-HxCDD	ND(0.0000054)	0.000042 J	NA	ND(0.0000069)	ND(0.0000012) X	0.0000067 J	0.000018
1,2,3,7,8,9-HxCDD	ND(0.0000054)	0.000035 J	NA	ND(0.0000072)	ND(0.0000014) X	ND(0.0000056)	0.000013
HxCDDs (total)	ND(0.0000065)	0.000056	NA	ND(0.0000012)	0.0000087	0.0000014 J	0.000017
1,2,3,4,6,7,8-HpCDD	ND(0.0000054)	0.000042	NA	ND(0.0000086) X	0.000018	0.0000082	0.000033
HpCDDs (total)	ND(0.0000054)	0.000080	NA	0.0000076 J	0.000037	0.000016	0.00061
OCDD	0.0000021 J	0.000035	NA	ND(0.0000072)	0.000016	0.000070	0.00033
Total TEQs (WHO TEFs)	0.00000077	0.000019	NA	0.0000010	0.0000037	0.0000023	0.000073

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	17-1-101 (EAST)						
Sample ID:	4A-SB-14	4A-SB-15	4A-SB-15	4A-SB-15	4A-SB-17	4A-SB-17	4A-SS-19
Sample Depth (Feet):	3-6	0-1	3-5	3-6	0-1	1-3	0-1
Parameter	Date Collected:	01/25/05	01/25/05	01/25/05	01/25/05	01/25/05	01/25/05
Inorganics							
Antimony	1.00 B	ND(6.00)	NA	ND(6.00)	0.820 B	0.860 B	1.20 B
Arsenic	11.0	7.40	NA	3.30	3.50	4.60	5.80
Barium	ND(20.0)	ND(20.0)	NA	47.0	ND(20.0)	29.0	33.0
Beryllium	0.200 B	0.160 B	NA	0.450 B	0.220 B	0.270 B	0.320 B
Cadmium	1.20	0.490 B	NA	0.850	0.730	0.820	1.10
Chromium	18.0	4.20	NA	14.0	9.50	11.0	16.0
Cobalt	18.0	4.80 B	NA	6.50	5.60	8.00	7.70
Copper	33.0	9.40	NA	7.30	16.0	27.0	30.0
Cyanide	ND(0.110)	0.210 B	NA	ND(0.130)	0.110 B	0.0800 B	0.190
Lead	9.80	43.0	NA	7.90	47.0	40.0	75.0
Mercury	ND(0.110)	0.110 B	NA	ND(0.130)	ND(0.110)	ND(0.120)	0.130
Nickel	30.0	8.00	NA	11.0	12.0	20.0	15.0
Selenium	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Sulfide	ND(5.50)	640	NA	ND(6.40)	24.0	15.0	410
Thallium	9.80	2.20	NA	4.60	4.30	5.20	4.50
Tin	ND(10.0)	ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	12.0	2.50 B	NA	16.0	9.60	11.0	13.0
Zinc	93.0	38.0	NA	56.0	66.0	85.0	97.0

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	17-1-301 (WEST)				
	4A-SB-13	4A-SB-13	4A-SB-16	4A-SB-16	4A-SB-20
Parcel ID:	17-1-301 (WEST)				
Sample ID:	4A-SB-13	4A-SB-13	4A-SB-16	4A-SB-16	4A-SB-20
Sample Depth (Feet):	0-1	1-3	0-1	3-6	0-1
Date Collected:	01/26/05	01/26/05	02/02/05	02/02/05	01/27/05
Volatile Organics					
2-Butanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA
Semivolatile Organics					
2-Methylnaphthalene	ND(4.0) [ND(4.4)]	ND(0.35)	0.49 J	ND(0.41)	0.52 J
Acenaphthene	0.48 J [ND(4.4)]	ND(0.35)	ND(3.9)	ND(0.41)	ND(3.8)
Acenaphthylene	2.5 J [1.4 J]	ND(0.35)	4.0	ND(0.41)	1.3 J
Anthracene	3.7 J [1.7 J]	ND(0.35)	6.2	ND(0.41)	1.0 J
Benzo(a)anthracene	7.3 [4.0 J]	ND(0.35)	12	0.058 J	2.5 J
Benzo(a)pyrene	7.4 [4.1 J]	ND(0.35)	9.7	ND(0.41)	2.5 J
Benzo(b)fluoranthene	4.5 [3.4 J]	ND(0.35)	7.3	ND(0.41)	1.8 J
Benzo(g,h,i)perylene	4.1 [2.5 J]	ND(0.35)	4.5	ND(0.41)	2.8 J
Benzo(k)fluoranthene	6.6 [3.7 J]	ND(0.35)	9.9	ND(0.41)	2.1 J
bis(2-Ethylhexyl)phthalate	ND(2.0) [ND(2.2)]	ND(0.35)	ND(1.9)	ND(0.40)	ND(1.9)
Chrysene	7.0 [3.8 J]	ND(0.35)	11	0.056 J	2.8 J
Dibenzo(a,h)anthracene	0.94 J [ND(4.4)]	ND(0.35)	1.1 J	ND(0.41)	0.44 J
Dibenzofuran	1.2 J [0.50 J]	ND(0.35)	2.0 J	ND(0.41)	ND(3.8)
Fluoranthene	15 J [7.8 J]	ND(0.35)	28	0.20 J	4.0
Fluorene	1.0 J [0.49 J]	ND(0.35)	1.9 J	ND(0.41)	0.62 J
Indeno(1,2,3-cd)pyrene	3.5 J [2.2 J]	ND(0.35)	4.2	ND(0.41)	1.5 J
Naphthalene	0.40 J [ND(4.4)]	ND(0.35)	0.75 J	ND(0.41)	0.48 J
Phenanthrene	12 J [5.7 J]	ND(0.35)	24	0.11 J	2.0 J
Pyrene	14 J [7.6 J]	ND(0.35)	22	0.18 J	5.1
Furans					
2,3,7,8-TCDF	0.000045 Y [0.000060 Y]	ND(0.0000046)	ND(0.000016) X	ND(0.0000063)	0.000022 Y
TCDFs (total)	0.000033 [0.000047]	ND(0.0000046)	0.000030	ND(0.0000063)	0.000025
1,2,3,7,8-PeCDF	ND(0.000018) X [ND(0.000031) X]	ND(0.0000051)	0.0000072 JQ	ND(0.0000059)	0.000012 J
2,3,4,7,8-PeCDF	0.000027 J [0.000029 JQ]	ND(0.0000051)	0.000011 J	ND(0.0000059)	0.000030 J
PeCDFs (total)	0.000029 [0.000038 Q]	ND(0.0000051)	0.0000069 Q	ND(0.0000059)	0.000027
1,2,3,4,7,8-HxCDF	ND(0.000026) X [0.000028 J]	ND(0.0000051)	ND(0.0000071)	ND(0.0000059)	0.000015 J
1,2,3,6,7,8-HxCDF	0.000018 J [0.000022 J]	ND(0.0000051)	ND(0.0000067)	ND(0.0000059)	0.0000094 J
1,2,3,7,8,9-HxCDF	ND(0.000013) [ND(0.000010)]	ND(0.0000051)	ND(0.0000082)	ND(0.0000068)	ND(0.0000070)
2,3,4,6,7,8-HxCDF	0.000019 J [0.000026 J]	ND(0.0000051)	ND(0.0000083) X	ND(0.0000060)	0.000016 J
HxCDFs (total)	0.000019 [0.000026]	ND(0.0000051)	0.000057 J	ND(0.0000060)	0.000022
1,2,3,4,6,7,8-HpCDF	0.000061 J [0.000073]	ND(0.0000051)	ND(0.000022) X	ND(0.0000062)	0.000011
1,2,3,4,7,8,9-HpCDF	ND(0.000022) [ND(0.000013)]	ND(0.0000063)	ND(0.0000080)	ND(0.0000077)	ND(0.0000089) X
HpCDFs (total)	0.000085 [0.00010]	ND(0.0000056)	0.000021 J	ND(0.0000069)	0.000032
OCDF	0.000065 J [0.000087 J]	ND(0.000011)	ND(0.000031) X	ND(0.000021)	0.000034
Dioxins					
2,3,7,8-TCDD	ND(0.0000068) [ND(0.0000049)]	ND(0.0000035)	ND(0.0000051)	ND(0.0000048)	0.0000073 J
TCDDs (total)	0.000019 J [0.000020 J]	ND(0.0000052)	ND(0.0000051)	ND(0.0000048)	0.0000073 J
1,2,3,7,8-PeCDD	ND(0.0000066) [ND(0.000010) X]	ND(0.0000051)	ND(0.0000063)	ND(0.0000059)	ND(0.0000054)
PeCDDs (total)	0.000047 J [0.000059 JQ]	ND(0.0000066)	ND(0.000012) Q	ND(0.0000071)	0.000013 JQ
1,2,3,4,7,8-HxCDD	ND(0.000010) [0.0000083 J]	ND(0.0000051)	ND(0.0000078)	ND(0.0000080)	0.0000083 J
1,2,3,6,7,8-HxCDD	ND(0.0000097) [ND(0.000012) X]	ND(0.0000051)	ND(0.0000074)	ND(0.0000078)	0.0000020 J
1,2,3,7,8,9-HxCDD	ND(0.000012) X [0.000013 J]	ND(0.0000051)	ND(0.0000079)	ND(0.0000080)	0.000013 J
HxCDDs (total)	0.000094 [0.00012]	ND(0.0000071)	ND(0.000011)	ND(0.0000079)	0.000077
1,2,3,4,6,7,8-HpCDD	0.000070 [0.000080]	ND(0.0000068)	0.000042 J	ND(0.000010)	0.000034
HpCDDs (total)	0.00013 [0.00017]	ND(0.0000068)	0.000078	ND(0.000010)	0.000067
OCDD	0.000034 [0.000045]	ND(0.000022)	0.000025	ND(0.000030)	0.000025
Total TEQs (WHO TEFs)	0.000034 [0.000041]	0.0000078	0.000016	0.0000098	0.000041

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	JZ-101 (WEST)				
Sample ID:	4A-SB-13	4A-SB-14	4A-SB-16	4A-SB-18	4A-SB-20
Sample Depth (Feet):	0-1	1-3	0-1	3-6	0-1
Parameter	Date Collected:	01/26/05	01/26/05	02/02/05	01/27/05
Inorganics					
Antimony	2.10 B [2.60 B]	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	42.0 J [76.0 J]	4.50 J	7.80	8.00	9.40
Barium	83.0 [97.0]	ND(20.0)	44.0	37.0	50.0
Beryllium	0.280 B [0.360 B]	0.130 B	0.230 B	0.300 B	0.250 B
Cadmium	1.80 [2.00]	0.780	ND(0.500)	ND(0.500)	0.260 B
Chromium	14.0 [18.0]	7.50	13.0	16.0	8.50
Cobalt	7.70 [11.0]	6.50	12.0	15.0	12.0
Copper	38.0 [53.0]	14.0	22.0	31.0	22.0
Cyanide	0.330 [0.300]	0.100 B	0.170 B	0.0500 B	0.0930 B
Lead	190 [240]	6.20	20.0	9.40	37.0
Mercury	1.80 J [5.30 J]	ND(0.110)	ND(0.12)	ND(0.12)	ND(0.110)
Nickel	20.0 [24.0]	12.0	18.0	27.0	21.0
Selenium	4.80 J [8.80 J]	ND(1.00) J	1.60 J	2.00 J	2.20 J
Silver	ND(1.00) J [0.800 J]	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	7.60 [10.0]	5.10 B	7.50	ND(6.10)	7.20
Thallium	5.70 [9.00]	3.20	ND(1.20)	ND(1.20)	ND(1.10)
Tin	ND(10.0) [11.0]	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	23.0 [27.0]	6.70	16.0	16.0	14.0
Zinc	250 [170]	39.0	62.0	78.0	88.0

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-17 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth (Feet): Parameter Date Collected:	4A-SB-20 1-3 01/27/05	4A-SB-21 0-1 02/02/05	4A-SB-21 3-6 02/02/05	4A-SB-23 0-1 02/02/05	4A-SB-23 1-3 02/02/05
Volatile Organics					
2-Butanone	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA
Semivolatile Organics					
2-Methylnaphthalene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	ND(4.1)
Acenaphthene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	ND(4.1)
Acenaphthylene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	1.7 J
Anthracene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	0.69 J
Benzo(a)anthracene	1.0 J	ND(4.1)	ND(0.40)	0.59 J	3.2 J
Benzo(a)pyrene	1.1 J	ND(4.1)	ND(0.40)	ND(4.6)	5.1
Benzo(b)fluoranthene	0.72 J	ND(4.1)	ND(0.40)	ND(4.6)	3.0 J
Benzo(g,h)perylene	0.68 J	ND(4.1)	ND(0.40)	ND(4.6)	2.8 J
Benzo(k)fluoranthene	0.95 J	ND(4.1)	ND(0.40)	ND(4.6)	3.7 J
bis(2-Ethylhexyl)phthalate	ND(1.9)	ND(2.0)	0.32 J	ND(2.3)	ND(2.0)
Chrysene	0.93 J	ND(4.1)	ND(0.40)	0.63 J	3.5 J
Dibenz(a,h)anthracene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	0.54 J
Dibenzofuran	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	ND(4.1)
Fluoranthene	1.3 J	0.28 J	ND(0.40)	0.97 J	3.6 J
Fluorene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	ND(4.1)
Indeno(1,2,3-cd)pyrene	0.58 J	ND(4.1)	ND(0.40)	ND(4.6)	2.0 J
Naphthalene	ND(3.8)	ND(4.1)	ND(0.40)	ND(4.6)	ND(4.1)
Phenanthrene	ND(3.8)	ND(4.1)	ND(0.40)	0.58 J	1.3 J
Pyrene	1.5 J	0.40 J	ND(0.40)	0.94 J	5.4
Furans					
2,3,7,8-TCDF	ND(0.0000080)	0.000012 Y	ND(0.0000060)	0.00012 Y	0.00011 Y
TCDFs (total)	0.0000097 J	0.000035	ND(0.0000060)	0.00078 J	0.00095 J
1,2,3,7,8-PeCDF	ND(0.0000054)	ND(0.000018) X	ND(0.0000056)	0.000082	0.00010
2,3,4,7,8-PeCDF	0.0000081 J	0.000028 J	ND(0.0000056)	0.00011	0.00016
PeCDFs (total)	0.0000081 J	0.000044	ND(0.0000056)	0.00099 J	0.0015 Q
1,2,3,4,7,8-HxCDF	ND(0.0000054)	0.000049 J	ND(0.0000064)	0.00015	0.00035
1,2,3,6,7,8-HxCDF	ND(0.0000054)	0.000020 J	ND(0.0000060)	0.000055	0.00015
1,2,3,7,8,9-HxCDF	ND(0.0000081)	0.0000096 J	ND(0.0000073)	0.000023	0.000059
2,3,4,6,7,8-HxCDF	ND(0.0000054)	0.000030 J	ND(0.0000065)	0.000060	0.00014
HxCDFs (total)	0.000013 J	0.000049	ND(0.0000085)	0.00090	0.0023
1,2,3,4,6,7,8-HpCDF	ND(0.000010)	0.000034	ND(0.0000082)	0.00039	0.00075
1,2,3,4,7,8,9-HpCDF	ND(0.000012)	0.000018 J	ND(0.0000076)	0.000049	0.00011
HpCDFs (total)	ND(0.000011)	0.000055	ND(0.0000088)	0.00085	0.0016
OCDF	ND(0.000020)	0.000026	ND(0.000016)	0.00058	0.00080
Dioxins					
2,3,7,8-TCDD	ND(0.0000072)	0.000070	ND(0.0000046)	0.000024 J	0.000079
TCDDs (total)	ND(0.0000072)	0.000079	ND(0.0000046)	0.000018	0.000044
1,2,3,7,8-PeCDD	ND(0.0000054)	ND(0.0000073) X	ND(0.0000056)	ND(0.0000065) X	0.000033
PeCDDs (total)	ND(0.0000082)	0.000054 J	ND(0.0000074)	0.000041	0.00026 Q
1,2,3,4,7,8-HxCDD	ND(0.000010)	ND(0.0000071)	ND(0.0000078)	0.000066 J	0.000034
1,2,3,6,7,8-HxCDD	ND(0.0000098)	0.000013 J	ND(0.0000074)	0.000017	0.000045
1,2,3,7,8,9-HxCDD	ND(0.000010)	0.0000086 J	ND(0.0000078)	0.000010	0.000037
HxCDDs (total)	ND(0.000010)	0.000011	ND(0.0000094)	0.00016	0.00064
1,2,3,4,6,7,8-HpCDD	0.000019 J	0.000013	ND(0.0000087)	0.00034	0.00040
HpCDDs (total)	0.000035 J	0.000025	ND(0.0000087)	0.00063	0.00078
OCDD	ND(0.000014)	0.000090	ND(0.000027)	0.0032	0.0030
Total TEQs (WHO TEQs)	0.000013	0.000011	0.0000095	0.00012	0.00023

TABLE 2
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX (X-3) INVESTIGATIONS - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	17-1-101 (WEST)				
	Sample ID: Sample Depth (Feet) Date Collected	4A-SB-20 1-3 01/27/05	4A-SB-21 0-1 02/02/05	4A-SB-21 3-6 02/02/05	4A-SB-23 0-1 02/02/05	4A-SB-23 1-3 02/02/05
Inorganics						
Antimony		ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Arsenic		6.00	9.50	6.50	3.50	ND(1.00)
Barium		39.0	38.0	13.0 B	42.0	41.0
Beryllium		0.240 B	0.170 B	0.0630 B	0.200 B	0.150 B
Cadmium		0.150 B	ND(0.500)	ND(0.500)	0.240 B	0.500 B
Chromium		9.10	16.0	14.0	17.0	3.40
Cobalt		8.30	13.0	14.0	7.10	6.10
Copper		15.0	33.0	27.0	31.0	62.0
Cyanide		0.520	0.100 B	0.0370 B	0.170 B	0.490
Lead		16.0	21.0	6.50	44.0	73.0
Mercury		ND(0.120)	ND(0.12)	ND(0.120)	0.210	0.580
Molyb		14.0	27.0	26.0	13.0	44.0
Selenium		2.10 J	2.30 J	1.60 J	0.850 J	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	0.010 B	ND(1.00)
Sulfur		5.50 B	7.60	7.70	84.0	20.0
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.40)	ND(1.20)
Tin		ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		10.0	15.0	12.0	14.0	ND(5.00)
Zinc		84.0	80.0	73.0	80.0	120

Notes:

1. Samples were collected by Blastand, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix (X-3) constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSPL/QAPP), General Electric Company, Pittsfield, Massachusetts, Blastand Bouck & Lee, Inc. (approved May 20, 2004 and resubmitted June 18, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NA - Not Analyzed: Laboratory did not report results for this analyte.
5. Total 2,3,7,8-TCDF 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(12), December 1998.
6. With the exception of dioxifurans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (Aromatics, Aldehydes, Ketones)

- I - Polychlorinated Biphenyl Ether (PCDFE) Intermixure
- J - Indicates that the associated numerical value is an estimated concentration.
- D - Indicates the presence of qualitative interferences
- k - Estimated maximum possible concentration.
- V - 2,3,7,8-TCDF results have been confirmed on a 0.01-375 volume.

Inorganics

- B - Indicates an estimated value between the maximum detection limit (MDL) and PQL.
- J - Indicates that the associated numerical value is an estimated concentration.

TABLE 3
 GE PRION APPENDIX D1 - 1 SOIL DATA - GROUP 1A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES,
 FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-17 MILE REACH
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Location ID: Sample ID: Sample Depth/Feed: Date Collected	07-1-181 (WEST) R0022041 HQ-00022041-0-0310 1-113 10/22/88: -
Volatiles Organics		
None Detected		
Semivolatile Organics		
Benz(a)anthracene		0.10 J
Benzo(a)pyrene		0.058 J
Benzo(b)fluoranthene		0.058 J
Benzo(k)fluoranthene		0.060 J
Benzo(e)fluoranthene		0.054 J
Chrysenes		0.10 J
Fluoranthene		0.15 J
Indeno(1,2,3-cd)pyrene		0.058 J
Phenanthrene		0.080 J
Pyrene		0.10 J
Furans		
2,3,7,8-TCDF		0.000012 Y
TCDFs (total)		0.000004
1,2,3,7,8-PeCDF		0.0000050 J
2,3,4,7,8-PeCDF		0.000007 J
PeCDFs (total)		0.0000064
1,2,3,4,7,8-HxCDF		0.000010
1,2,3,6,7,8-HxCDF		0.0000037 J
1,2,3,7,8,9-HxCDF		ND(0.00000021)
2,3,4,6,7,8-HxCDF		ND(0.00000021)
HxCDFs (total)		0.000041
1,2,3,4,6,7,8-HpCDF		0.000027
1,2,3,4,7,8,9-HpCDF		0.0000037 J
HpCDFs (total)		0.000040
OCDF		0.000004
Total Furans		0.00025
Dioxins		
1,2,3,7,8-TCDD		ND(0.00000052)
TCDDs (total)		0.00000062
1,2,3,7,8-PeCDD		ND(0.00000030)
PeCDDs (total)		ND(0.0000017)
1,2,3,4,7,8-HxCDD		ND(0.00000052)
1,2,3,6,7,8-HxCDD		ND(0.0000010)
1,2,3,7,8,9-HxCDD		ND(0.0000008)
HxCDDs (total)		0.000010
1,2,3,4,6,7,8-HpCDD		0.000018
HpCDDs (total)		0.000020
OCDD		0.00011
Total Dioxin		0.00021
Total TCDFs (MDEP TFFs)		0.000016
Total TCDFs (WHO TFFs)		0.00000741
Total TCDFs (EPA TFFs)		0.0000076
Inorganics		
Antimony		5.30
Barium		30.6
Beryllium		0.350 B
Cadmium		0.420 B
Chromium		12.2
Cobalt		15.4
Copper		18.4
Lead		14.7
Mercury		0.6570 B
Nickel		22.2
Selenium		0.540 B
Titanium		1.90
Vanadium		18.8
Zinc		89.2

TABLE 3
GE PRIOR APPENDIX IX + 3 SOIL DATA - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were submitted to Quanterra 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. 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 4
EPA PRIOR APPENDIX IX SOIL DATA - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY, PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	171-101 (EAST)				
Location ID:	F0218002	F0219004	F0219008	F0219003	F0219407
Sample ID:	H2-F0218002-0-0000	H2-F0219004-0-0000	H2-F0219008-0-0000	H2-F0219003-0-0000	H2-F0219407-0-0010
Sample Depth (Feet):	0-0.5	0-0.5	0-0.5	0-0.5	1-1.5
Date Collected:	11/12/98	11/11/98	11/11/98	11/12/98	11/12/98
Parameter					
Inorganics					
Antimony	0.770 J	0.900 J	1.00 J	ND(0.870)	ND(0.780)
Arsenic	4.10	29.0	45.4	35.6	2.60
Barium	40.2	72.2	67.6	26.2	36.9
Beryllium	0.180 J	0.350 J	0.120 J	ND(0.0700)	0.180 J
Cadmium	0.180 J	ND(0.0300)	ND(0.0300)	1.00	0.850
Chromium	17.8	15.5	22.9	11.2	9.70
Cobalt	7.60	10.6	13.7	11.5	7.40
Copper	42.3 J	53.4 J	80.4 J	20.4	21.1
Lead	81.9 J	183 J	231 J	101	27.8
Mercury	0.170	0.590	0.770	0.100	0.0700
Nickel	37.2	19.7	25.0	17.5	10.9
Selenium	0.330 J	1.80	0.900	0.880	0.480 J
Silver	ND(0.130)	0.480 J	0.750 J	0.150 J	ND(0.120)
Thallium	ND(0.360)	ND(0.510)	0.950 J	ND(0.450)	0.570 J
Tin	7.80	7.00	8.50	1.10 J	2.90
Vanadium	12.1	21.9	22.8	12.7	9.70
Zinc	181 J	164 J	179 J	79.4	65.8

TABLE 4
EPA PRIOR APPENDIX IX SOIL DATA - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	17-1-101 (WEST)				
	Location ID: Sample ID: Sample Depth (Feet): Date Collected:	F0220201 H2-F0220201-0-0000 0-0.5 11/12/98	F0220803 H2-F0220803-0-0000 0-0.5 11/12/98	F0321001 H2-F0321001-0-0010 1-1.5 11/16/98	RB022041 H2-RB022041-0-0010 1-1.5 10/22/98	RB032121 H2-RB032121-0-0000 0-0.5 10/16/98
Semi-volatile Organics						
1,2,4-Trichlorobenzene		ND(0.40)	0.025 J	0.065 J	ND(0.38) J	0.058 J
1,4-Dichlorobenzene		ND(0.40)	0.020 J	0.067 J	ND(0.38)	0.097 J
2-Methylnaphthalene		ND(0.40) J	0.038 J	0.40 J	ND(0.38)	0.16 J
2-Methylphenol		ND(0.40)	R	0.048 J	ND(0.38)	ND(0.80)
4-Methylphenol		ND(0.40)	R	0.12 J	R	ND(0.80)
Acenaphthene		ND(0.40)	0.018 J	0.15 J	ND(0.38)	0.24 J
Acenaphthylene		ND(0.40)	0.037 J	0.85 J	ND(0.38) J	0.11 J
Anthracene		ND(0.40)	0.064 J	0.58 J	ND(0.38) J	0.98
Benzo(a)anthracene		0.039 J	0.61	2.9	0.084 J	2.3
Benzo(a)pyrene		0.051 J	0.72	3.8 J	0.053 J	1.8
Benzo(b)fluoranthene		0.050 J	0.60	3.2	0.050 J	1.5
Benzo(g,h,i)perylene		0.049 J	0.52 J	3.0	0.045 J	0.83
Benzo(k)fluoranthene		0.056 J	0.62	3.3	0.064 J	1.7
Benzyl alcohol		ND(0.40) J	R	ND(0.81)	ND(0.38) J	ND(0.80) J
Chrysene		0.082 J	0.88	3.5	0.088 J	2.0
Dibenzo(a,h)anthracene		ND(0.40) J	0.15 J	0.71 J	0.023 J	0.32 J
Dibenzofuran		ND(0.40)	0.021 J	0.14 J	ND(0.38)	0.19 J
Fluoranthene		0.076 J	0.87	4.4	0.10 J	4.2 J
Fluorene		ND(0.40)	0.022 J	0.18 J	ND(0.38)	0.50 J
Indeno(1,2,3-cd)pyrene		0.046 J	0.50 J	2.1	0.041 J	0.90
Naphthalene		ND(0.40)	0.11 J	0.67 J	ND(0.38)	0.35 J
Phenanthrene		0.047 J	0.32 J	2.3	0.059 J	3.3
Phenol		ND(0.40)	R	0.28 J	ND(0.38)	ND(0.80)
Pyrene		0.084 J	0.95 J	5.0	0.12 J	4.0
Organochlorine Pesticides						
None Detected		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.000021	0.000014	0.00018	0.0000093	0.000018
TCDFs (total)		0.00017 J	0.00034 J	0.0039 J	0.000078 J	0.00019 J
1,2,3,7,8-PeCDF		0.0000049	0.0000080	0.00021	0.0000055	0.0000084
2,3,4,7,8-PeCDF		0.0000087	0.000013	0.00029	0.0000063	0.000018
PeCDFs (total)		0.000084 J	0.000055 J	0.0074 J	0.00011 J	0.00029 J
1,2,3,4,7,8-HxCDF		0.0000041	0.000028	0.00052	0.000011	0.000021
1,2,3,6,7,8-HxCDF		0.0000042	0.00014	0.00027 J	0.0000045	0.0000075
1,2,3,7,8,9-HxCDF		0.0000064 J	0.0000047	0.00012	0.0000020	0.0000033
2,3,4,6,7,8-HxCDF		0.0000027	0.000011	0.00017 J	0.0000025 J	0.0000044
HxCDFs (total)		0.000047 J	0.000055 J	0.0053 J	0.00010 J	0.00023
1,2,3,4,6,7,8-HpCDF		0.000018 J	0.00017 J	0.0025 J	0.0000086 J	0.00012
1,2,3,4,7,8,9-HpCDF		0.0000011 J	0.000012	0.00018	0.0000050	0.0000086
HpCDFs (total)		0.000034 J	0.000040 J	0.0045 J	0.000018 J	0.00023
OCDF		0.000020	0.00023	0.0015	0.000088	0.00012
Dioxins						
2,3,7,8-TCDD		ND(0.0000034)	0.000016	0.000049	0.00000081	0.00000047 J
TCDDs (total)		0.0000037	0.000028	0.00083	0.0000021	0.0000060
1,2,3,7,8-PeCDD		0.00000041 J	0.0000024 J	0.000021 J	0.00000038 J	0.00000088 J
PeCDDs (total)		0.00000047	0.0000022	0.00023 J	0.00000041 J	0.00000071 J
1,2,3,4,7,8-HxCDD		0.00000055 J	0.0000034	0.000024	0.00000055 J	0.0000011 J
1,2,3,6,7,8-HxCDD		0.00000094 J	0.0000074	0.000055	0.0000011	0.0000039
1,2,3,7,8,9-HxCDD		0.00000066 J	0.0000042	0.000027	0.00000054 J	0.0000017
HxCDDs (total)		0.0000094	0.000078	0.00080	0.000010	0.000031
1,2,3,4,6,7,8-HpCDD		0.000012	0.000098	0.00059	0.000020	0.000077
HpCDDs (total)		0.000022	0.00016	0.0011	0.000035	0.00014
OCDD		0.000094	0.00063	0.0046	0.00017	0.00074
Total TEQs (WHO TEFs)		0.000080	0.000049	0.00035	0.000010	0.000018

TABLE 4
EPA PRIOR APPENDIX IX SOIL DATA - GROUP 4A

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1.41 MILE REACH
GENERAL ELECTRIC COMPANY, PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	IT-1-101 (WEST)				
	F0220201 H2-F0220201-0-0000 Sample ID: Sample Depth (Feet): Date Collected: 11/13/98	F0220003 H2-F0220003-0-0000 Sample ID: Sample Depth (Feet): Date Collected: 11/13/98	F0331001 H2-F0331001-0-0010 Sample ID: Sample Depth (Feet): Date Collected: 11/16/98	R0022041 H2-R0022041-0-0010 Sample ID: Sample Depth (Feet): Date Collected: 10/22/98	R0032121 H2-R0032121-0-0000 Sample ID: Sample Depth (Feet): Date Collected: 10/19/98
Inorganics					
Antimony	ND(0.740)	ND(0.690)	7.10	ND(0.810)	0.660
Arsenic	8.40	8.30	7.60	8.10	2.90
Barium	17.2	30.3	78.5	26.7	34.2
Beryllium	ND(0.0100)	ND(0.0500)	0.350	0.170	0.250
Cadmium	0.810	0.980	ND(1.20)	ND(0.0300)	ND(0.170)
Chromium	7.90	10.0	114	11.1	13.6
Cobalt	13.3	8.50	10.3	10.2	6.30
Copper	25.3	38.9	128	17.3	22.2
Lead	28.8	40.8	320	14.6	31.7
Mercury	0.0700	0.120	0.600	0.0600	0.0600
Nickel	17.2	18.8	214 J	15.3	11.8
Selenium	0.860	0.660	ND(0.580)	0.370 J	NC(0.210)
Silver	ND(0.110)	0.140 J	ND(0.880)	ND(0.120)	ND(0.510)
Thallium	ND(0.460)	ND(0.460)	ND(0.870)	ND(0.530)	ND(0.740)
Tin	0.700 J	7.20	27.3	ND(1.40)	ND(1.50)
Vanadium	10.2	12.4	15.3	13.1	10.2
Zinc	54.3	36.5	314	57.7	72.3

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. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. With the exception of disinfectants, only those constituents detected in at least one sample are summarized.
5. 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.

Data Qualifiers

Capacities (ammoniates, peroxides, hydroxides, aluminum)

- J - Estimated Value
- R - Rejected

Inorganics

- J - Estimated Value

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2006 PCB INVESTIGATION - GROUP 4B
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 2 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1.15 MILE REACH
GENERAL ELECTRIC COMPANY - FITZFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (feet)	Date Collected	Arcochlor-1016	Arcochlor-1221	Arcochlor-1222	Arcochlor-1247	Arcochlor-1248	Arcochlor-1254	Arcochlor-1330	Total PCBs
Parcel 17-146 (West)										
48-08-B	0.1	2/9/2005	ND(0.78)	33.8						
	1.3	2/9/2005	ND(0.036)	0.34						
	3.5	2/9/2005	ND(0.041)							
	5.7	2/9/2005	ND(0.043)							
48-08-D	0.1	2/9/2006	ND(0.39)	13.8						
	1.3	2/9/2006	ND(0.038)	0.43						
	3.0	2/9/2006	ND(0.040) (ND(0.040))							
	5.7	2/9/2006	ND(0.043)							
48-08-G	0.1	2/9/2005	ND(0.45)	6.2						
	1.3	2/9/2005	ND(0.037)	0.47						
	3.0	2/9/2005	ND(0.040)							
	5.7	2/9/2005	ND(0.043)							
48-09-10	0.1	2/7/2006	ND(0.048)	0.87						
	1.3	2/7/2006	ND(0.057)							
	3.5	2/7/2006	ND(0.035)							
	5.7	2/7/2006	ND(0.038)							
48-09-11	0.1	2/1/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.45	
48-09-12	0.1	2/1/2005	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	1.28	
48-09-16	0.1	2/1/2005	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	1.4	
48-09-17	0.1	2/1/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.88	
48-09-18	0.1	2/1/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.84	
48-09-19	0.1	2/1/2005	ND(0.7)	ND(0.7)	ND(0.7)	ND(0.7)	ND(0.7)	ND(0.7)	1.1	
48-09-21	0.1	2/9/2005	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	4.8	
48-09-22	0.1	2/1/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.27	
48-09-23	0.1	2/1/2005	ND(0.044)							
48-09-24	0.1	2/1/2005	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	5.14	
48-09-25	0.1	2/1/2005	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	12.9	
48-09-26	0.1	2/1/2005	ND(0.048)							
48-09-28	0.1	2/1/2005	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.7	
48-09-29	0.1	2/1/2005	ND(0.048) (ND(0.048))							
48-09-30	0.1	2/1/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.74	
48-09-31	0.1	2/1/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.70	
Parcel 17-147 (East)										
48-09-4	0.1	2/1/2005	ND(0.042)							
48-09-13	0.1	2/1/2005	ND(0.047)							
48-09-15	0.1	2/1/2005	ND(0.044)							
48-09-27	0.1	2/9/2005	ND(0.041)							
Parcel 17-147 (West)										
48-09-1	0.1	2/9/2005	ND(0.040)	0.91						
	1.3	2/9/2005	ND(0.035)							
	3.0	2/9/2005	ND(0.038)							
	5.7	2/9/2005	ND(0.037)							
48-09-2	0.1	2/9/2005	ND(0.041)	0.07						
	1.3	2/9/2005	ND(0.037)							
	3.0	2/9/2005	ND(0.038)							
	5.7	2/9/2005	ND(0.038)							
48-09-3	0.1	2/9/2005	ND(0.038)	0.1						
	1.3	2/9/2005	ND(0.037)							
	3.0	2/9/2005	ND(0.037)							
	5.7	2/9/2005	ND(0.042)							
48-09-4	0.1	2/9/2005	ND(0.038)	0.17						
	1.3	2/9/2005	ND(0.038)							
	3.0	2/9/2005	ND(0.038)							
	5.7	2/9/2005	ND(0.040)							

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2003 PCB INVESTIGATION - GROUP 4B
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Analysis-1018	Analysis-121	Analysis-122	Analysis-123	Analysis-124E	Analysis-124	Analysis-126	Total PCBs
48-58-5	0-1	2/8/2003	ND(0.063)	ND(0.052)	ND(0.051)	ND(0.051)	ND(0.062)	0.041 J	0.044	0.108
	1-2	2/8/2003	ND(0.038) (ND(0.038))	ND(0.038) (ND(0.045))	ND(0.038) (ND(0.038))	ND(0.038) (ND(0.038))	ND(0.038) (ND(0.038))	ND(0.038) (ND(0.038))	0.038 J (0.024 J)	0.026 J (0.024 J)
	3-4	2/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	5-7	2/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
48-58-7	0-1	2/8/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.5	5.1	5.9
	1-3	2/8/2003	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	8.9	13	21.5
	3-5	2/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	5-7	2/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
48-58-1	0-1	2/4/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.032 J	0.13	0.16
48-58-1	4-9	2/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.067	0.063	
48-58-3	0-1	2/4/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.037 J	0.037 J	
48-58-4	0-1	2/4/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.039	0.039	
48-58-5	0-1	2/4/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.039 J	0.034	
48-58-7	0-1	2/4/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.064	0.064	
48-58-8	0-1	2/4/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.044	ND(0.040)	0.044
48-58-10	0-1	2/4/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.03	0.30	0.30
48-58-11	0-1	2/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
48-58-13	0-1	2/4/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.043	0.24	0.24
48-58-14	0-1	2/4/2003	ND(0.038) (ND(0.038))	0.018 J (0.021 J)	0.018 J (0.021 J)					

NOTES:

1. Samples were collected by Rosehill, Blank & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. Samples have been analyzed on jet Field Sampling Plus/Quality Resource Project Plan (FSPQ/PP), General Electric Company, Pittsfield, Massachusetts, Rosehill Blank & Lee, Inc. (Rosehill) May 22, 2004, and reanalyzed June 18, 2004.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

- J - Indicates that the associated numerical value is an estimated concentration.
- R - Data was rejected due to a deficiency of the data generation process.

TABLE 6
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	17-188 (West)				
Sample ID:	4B-SB-8	4B-SB-8	4B-SB-8	4B-SB-8	4B-SB-9
Sample Depth (Feet):	0-1	1-3	0-1	5-7	1-3
Parameter:	Date Collected:	02/08/05	02/08/05	02/08/05	02/08/05
Semivolatile Organics					
2-Methylnaphthalene	0.045 J	ND(0.38)	0.061 J	R	ND(0.37)
Acenaphthene	0.049 J	ND(0.38)	0.066 J	R	ND(0.37)
Acenaphthylene	0.26 J	ND(0.38)	0.20 J	R	ND(0.37)
Anthracene	0.16 J	ND(0.38)	0.19 J	R	ND(0.37)
Benzo(a)anthracene	0.51	ND(0.38)	0.46	R	ND(0.37)
Benzo(a)pyrene	0.55	ND(0.38)	0.41	R	ND(0.37)
Benzo(b)fluoranthene	0.39	ND(0.38)	0.30 J	R	ND(0.37)
Benzo(g,h,i)perylene	0.33 J	ND(0.38)	0.22 J	R	ND(0.37)
Benzo(k)fluoranthene	0.55	ND(0.38)	0.40	R	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.38)	ND(0.39)	R	ND(0.36)
Chrysene	0.51	ND(0.38)	0.45	R	ND(0.37)
Dibenzo(a,h)anthracene	0.043 J	ND(0.38)	0.052 J	R	ND(0.37)
Fluoranthene	0.92	ND(0.38)	0.76	R	ND(0.37)
Fluorene	0.046 J	ND(0.38)	0.082 J	R	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.22 J	ND(0.38)	0.17 J	R	ND(0.37)
Naphthalene	0.077 J	ND(0.38)	0.10 J	R	ND(0.37)
Phenanthrene	0.59	ND(0.38)	0.51	R	ND(0.37)
Pyrene	0.85	0.039 J	0.74	R	ND(0.37)
Furans					
2,3,7,8-TCDF	0.000058 Y	ND(0.000016) X	ND(0.000048) XY	0.0000064 J	0.0000064 J
TCDFs (total)	0.00047 QI	0.0000032	0.00034	ND(0.0000064)	0.0000024
1,2,3,7,8-PeCDF	0.000042	0.0000081 J	0.000035	ND(0.0000063)	ND(0.0000051)
2,3,4,7,8-PeCDF	0.000061	0.0000067 J	0.000052	ND(0.0000063)	ND(0.0000051)
PeCDFs (total)	0.00056 QI	0.0000080	0.00047	ND(0.0000063)	0.0000013 J
1,2,3,4,7,8-HxCDF	0.000088	0.0000077 J	0.000082	ND(0.000010) X	ND(0.0000051)
1,2,3,6,7,8-HxCDF	0.000032	ND(0.0000055)	0.000029	ND(0.0000067)	ND(0.0000051)
1,2,3,7,8,9-HxCDF	0.000010	ND(0.0000055)	0.000012	ND(0.0000092)	ND(0.0000051)
2,3,4,6,7,8-HxCDF	0.000032	ND(0.0000055)	0.000031	0.0000094 J	ND(0.0000051)
HxCDFs (total)	0.00053	0.0000052 J	0.00053	0.0000094 J	0.0000016 J
1,2,3,4,6,7,8-HpCDF	0.00021	0.0000022 J	0.00039	0.0000016 J	0.0000011 J
1,2,3,4,7,8,9-HpCDF	0.000027	ND(0.0000055)	0.000027	ND(0.0000088)	ND(0.0000051)
HpCDFs (total)	0.00042	0.0000022 J	0.00071	0.0000016 J	0.0000018 J
OCDF	0.00025	0.0000024 J	0.00026	ND(0.0000015)	ND(0.0000010)
Dioxins					
2,3,7,8-TCDD	0.000014 J	ND(0.0000034)	0.000014 J	0.0000053 J	ND(0.0000021)
TCDDs (total)	0.000016 Q	ND(0.0000059)	0.000013	0.0000053 J	ND(0.0000053)
1,2,3,7,8-PeCDD	ND(0.0000051) X	ND(0.0000083)	0.0000039 J	ND(0.0000083)	ND(0.0000051)
PeCDDs (total)	0.000012 Q	0.0000012 J	0.000033	ND(0.0000081)	ND(0.0000075)
1,2,3,4,7,8-HxCDD	0.000040 J	ND(0.0000055)	0.000047 J	ND(0.0000011)	ND(0.0000051)
1,2,3,6,7,8-HxCDD	0.000084	ND(0.0000055)	0.000081	ND(0.0000010)	ND(0.0000051)
1,2,3,7,8,9-HxCDD	0.000058 J	ND(0.0000055)	0.000060 J	ND(0.0000011)	ND(0.0000051)
HxCDDs (total)	0.00010	ND(0.0000055)	0.00010	ND(0.0000012)	0.0000074 J
1,2,3,4,6,7,8-HpCDD	0.00012	0.0000014 J	0.00011	ND(0.0000085)	ND(0.0000054) X
HpCDDs (total)	0.00022	0.0000023 J	0.00020	ND(0.0000085)	ND(0.0000051)
OCDD	0.00090	0.0000090 J	0.00085	ND(0.0000050)	0.0000031 J
Total TEQs (WHO TEFs)	0.000064	0.0000012	0.000058	0.0000015	0.0000076

TABLE 5
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-1 INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	[7-1-86 (West)				
	Sample ID: Sample Depth(Feet): Date Collected:	4B-SB-6 0-1 02/08/05	4B-SB-6 1-3 02/08/05	4B-SB-6 0-1 02/08/05	4B-SB-6 5-7 02/08/05	4B-SB-6 1-3 02/07/05
Inorganics						
Antimony		ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J
Arsenic		2.80 J	2.40 J	3.60	1.90 J	2.40 J
Barium		34.0	39.0	35.0	31.0	26.0
Beryllium		0.320 B	0.360 B	0.310 B	0.380 B	0.320 B
Cadmium		0.270 B	0.200 B	0.170 B	0.210 B	0.0950 B
Chromium		11.0	9.00	12.0	9.40	9.00
Cobalt		7.40	8.20	7.60	8.30	9.00
Copper		18.0	8.90	21.0	6.50	7.00
Cyanide		0.0600 B	ND(0.230)	0.0600 B	ND(0.290)	0.0530 B
Lead		38.0 J	5.70 J	40.0 J	4.20 J	6.40 J
Mercury		0.0640 B	ND(0.120)	0.0380 B	ND(0.130)	ND(0.110)
Nickel		12.0	13.0	12.0	12.0	11.0
Silver		ND(1.00) J	0.170 J	0.210 J	ND(1.00) J	ND(1.00) J
Sulfide		ND(5.00)	7.40 J	7.50 J	ND(8.50)	ND(5.50)
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.30)	ND(1.10)
Vanadium		9.70	9.00	9.70	10.0	9.60
Zinc		73.0	52.0	76.0	51.0	44.0

TABLE 6
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth (Feet): Parameter: Date Collected:	17-1-66 (West)		17-1-67 (West)		
	4B-SB-9 3-5 02/07/05	4B-SB-10 0-1 02/07/05	4B-SB-2 0-1 02/08/05	4B-SB-2 1-3 02/08/05	4B-SB-7 5-7 02/08/05
Semivolatile Organics					
2-Methylnaphthalene	ND(0.40)	ND(0.48)	ND(0.41)	ND(0.37)	ND(0.35)
Acenaphthene	ND(0.40)	ND(0.48)	ND(0.41)	ND(0.37)	ND(0.35)
Acenaphthylene	ND(0.40)	0.53	ND(0.41)	ND(0.37)	ND(0.35)
Anthracene	ND(0.40)	0.23 J	ND(0.41)	ND(0.37)	ND(0.35)
Benzo(a)anthracene	ND(0.40)	0.98	ND(0.41)	ND(0.37)	ND(0.35)
Benzo(a)pyrene	ND(0.40)	1.1	ND(0.41)	ND(0.37)	ND(0.35)
Benzo(b)fluoranthene	ND(0.40)	0.96	ND(0.41)	ND(0.37)	ND(0.35)
Benzo(g,h,i)perylene	ND(0.40)	0.60	ND(0.41)	ND(0.37)	ND(0.35)
Benzo(k)fluoranthene	ND(0.40)	1.0	ND(0.41)	ND(0.37)	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.48)	ND(0.41)	ND(0.36)	ND(0.35)
Chrysene	ND(0.40)	1.4	ND(0.41)	ND(0.37)	ND(0.35)
Dibenzo(a,h)anthracene	ND(0.40)	0.16 J	ND(0.41)	ND(0.37)	ND(0.35)
Fluoranthene	ND(0.40)	2.1	0.041 J	ND(0.37)	ND(0.35)
Fluorene	ND(0.40)	0.058 J	ND(0.41)	ND(0.37)	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.40)	0.56	ND(0.41)	ND(0.37)	ND(0.35)
Naphthalene	ND(0.40)	ND(0.48)	ND(0.41)	ND(0.37)	ND(0.35)
Phenanthrene	ND(0.40)	1.1	ND(0.41)	ND(0.37)	ND(0.35)
Pyrene	ND(0.40)	2.2	0.046 J	ND(0.37)	ND(0.35)
Furans					
2,3,7,8-TCDF	ND(0.00000044) X	0.0000078 Y	0.0000016 J	0.0000025 Y	0.0000024 Y
TCDFs (total)	ND(0.00000024)	0.000070 Q	0.0000034	0.0000045	0.0000044
1,2,3,7,8-PeCDF	ND(0.00000060)	0.0000029 J	ND(0.00000062) X	ND(0.00000053)	ND(0.00000051)
2,3,4,7,8-PeCDF	ND(0.00000060)	0.0000039 J	ND(0.00000080) X	ND(0.00000053)	ND(0.00000050)
PeCDFs (total)	ND(0.00000060)	0.000032 Q	0.0000051 J	ND(0.00000053)	ND(0.00000051)
1,2,3,4,7,8-HxCDF	ND(0.00000060)	0.0000026 J	ND(0.00000054)	ND(0.00000053)	ND(0.00000050)
1,2,3,6,7,8-HxCDF	ND(0.00000060)	0.0000016 J	ND(0.00000054)	ND(0.00000053)	ND(0.00000050)
1,2,3,7,8,9-HxCDF	ND(0.00000060)	0.0000068 J	ND(0.00000055)	ND(0.00000053)	ND(0.00000057)
2,3,4,6,7,8-HxCDF	ND(0.00000060)	0.0000018 J	ND(0.00000054)	ND(0.00000053)	ND(0.00000050)
HxCDFs (total)	ND(0.00000060)	0.000021	0.0000018 J	ND(0.00000053)	ND(0.00000050)
1,2,3,4,6,7,8-HpCDF	ND(0.00000060)	0.0000051 J	0.0000025 J	ND(0.00000053)	ND(0.00000060)
1,2,3,4,7,8,9-HpCDF	ND(0.00000060)	ND(0.00000063)	ND(0.00000075)	ND(0.00000053)	ND(0.00000080)
HpCDFs (total)	ND(0.00000060)	0.0000078	0.0000051 J	ND(0.00000053)	ND(0.00000069)
OCDF	ND(0.00000012)	0.0000060 J	0.0000026 J	ND(0.00000011)	ND(0.00000010)
Dioxins					
2,3,7,8-TCDD	ND(0.00000024)	ND(0.00000033)	ND(0.00000031)	ND(0.00000021)	ND(0.00000027)
TCDDs (total)	ND(0.00000060)	ND(0.00000054)	ND(0.00000057)	ND(0.00000053)	ND(0.00000053)
1,2,3,7,8-PeCDD	ND(0.00000060)	ND(0.00000063)	ND(0.00000054)	ND(0.00000053)	ND(0.00000050)
PeCDDs (total)	ND(0.00000060)	0.0000026 J Q	ND(0.00000096)	ND(0.00000068)	ND(0.00000071)
1,2,3,4,7,8-HxCDD	ND(0.00000060)	ND(0.00000063)	ND(0.00000054)	ND(0.00000053)	ND(0.00000062)
1,2,3,6,7,8-HxCDD	ND(0.00000060)	0.00000063 J	ND(0.00000054)	ND(0.00000053)	ND(0.00000056)
1,2,3,7,8,9-HxCDD	ND(0.00000060)	0.00000066 J	ND(0.00000054)	ND(0.00000053)	ND(0.00000062)
HxCDDs (total)	ND(0.00000071)	0.0000027 J	ND(0.00000054)	ND(0.00000064)	ND(0.00000079)
1,2,3,4,6,7,8-HpCDD	ND(0.00000060)	0.00000085	0.00000073	0.00000064 J	ND(0.00000068)
HpCDDs (total)	ND(0.00000060)	0.000012	0.000013	0.00000064 J	ND(0.00000068)
OCDD	0.00000018 J	0.000037	0.000071	ND(0.00000034)	ND(0.00000045)
Total TEQs (WHO TEFs)	0.00000083	0.0000043	0.0000011	0.00000096	0.00000097

TABLE 6
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	17-1-66 (West)		17-1-67 (West)		
	4B-SB-9	4B-SB-10	4B-SB-2	4B-SB-2	4B-SB-2
	J-5	0-1	0-1	1-3	5-7
	02/07/05	02/07/05	02/08/05	02/08/05	02/08/05
Inorganics					
Arsimony	ND(6.00) J	1.00 J	ND(6.00) J	ND(6.00) J	ND(6.00) J
Arsenic	2.00 J	7.90	4.40	4.10	11.0
Barium	30.0	24.0	25.0	16.0 B	10.0 B
Beryllium	0.030 D	0.240 B	0.380 B	0.320 B	0.140 B
Cadmium	0.110 B	0.180 B	0.250 B	0.210 B	0.140 B
Chromium	9.10	12.0	12.0	8.20	4.60
Cobalt	7.90	6.00	8.10	7.90	6.00
Copper	7.90	16.0	12.0	12.0	14.0
Cyanide	ND(0.240)	0.320	0.120 B	ND(0.110)	0.150
Lead	4.00 J	40.0 J	18.0 J	6.70 J	5.10 J
Mercury	ND(0.120)	0.0760 B	0.0420 B	0.0170 B	ND(0.100)
Nickel	13.0	12.0	16.0	12.0	9.40
Silver	ND(1.00) J	0.280 J	ND(1.00) J	0.120 J	0.190 J
Sulfide	ND(5.90)	ND(7.20)	7.90 J	ND(5.50)	6.80 J
Tiellium	ND(1.20)	1.40 B	ND(1.20)	ND(1.10)	ND(1.00)
Vanadium	9.60	22.0	11.0	7.60	4.00 B
Zinc	50.0	53.0	89.0	46.0	41.0

TABLE 1
RESULTS OF JANUARY AND FEBRUARY 2002 APPENDIX (E-3) INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	T7-1-47 (West)			
	4B-SB-3 Sample ID: Sample Depth(Feet): Date Collected:	4B-SB-3 3-6 02/06/02	4B-SB-4 0-1 02/06/02	4B-SB-5 1-3 02/06/02
Semi-volatile Organics				
1-Methylnaphthalene	ND(0.38)	ND(0.39)	ND(0.38)	ND(0.38) ND(0.38)
Acenaphthene	0.12 J	ND(0.39)	ND(0.38)	ND(0.38) ND(0.38)
Acenaphthylene	0.050 J	ND(0.39)	ND(0.38)	ND(0.38) (0.044 J)
Anthracene	ND(0.38)	ND(0.39)	ND(0.38)	ND(0.38) ND(0.38)
Benzo(a)anthracene	0.076 J	ND(0.39)	0.11 J	0.048 J (0.074 J)
Benzo(a)pyrene	0.069 J	ND(0.39)	0.097 J	0.041 J (0.076 J)
Benzo(b)fluoranthene	0.043 J	ND(0.39)	0.065 J	0.048 J (0.061 J)
Benzo(k)fluoranthene	0.044 J	ND(0.39)	ND(0.38)	ND(0.38) ND(0.38)
Benzo(k)fluoranthene	0.070 J	ND(0.39)	0.10 J	0.052 J (0.091 J)
ba(2,6)-thymopyrene	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.37) (1.4)
Chrysene	0.066 J	ND(0.39)	0.12 J	0.064 J (0.11 J)
Dibenz(a,h)anthracene	ND(0.38)	ND(0.39)	ND(0.38)	ND(0.38) ND(0.38)
Fluoranthene	0.19 J	ND(0.39)	0.29 J	0.11 J (0.19 J)
Fluorene	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38) ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.39)	0.036 J	ND(0.38) ND(0.38)
Naphthalene	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38) ND(0.38)
Phenanthrene	0.013 J	ND(0.39)	0.17 J	0.062 J (0.11 J)
Pyrene	0.11 J	ND(0.39)	0.25 J	0.11 J (0.19 J)
Furans				
2,3,7,8-TCDF	0.000019 J/Y	ND(0.000075)	0.000037 Y	0.000028 J (0.000054 J)
TCDFs (total)	0.000023	ND(0.000025)	0.000063	0.000020 (0.000029)
1,2,3,7,8-PeCDF	0.000026 J	ND(0.000026)	ND(0.000013)	0.0000027 J (0.000013 J)
2,3,4,7,8-PeCDF	0.000032 J	ND(0.000026)	0.0000010 J	0.000013 J ND(0.000017) X
PeCDFs (total)	0.000038	ND(0.000026)	0.000010	0.000014 (0.000018)
1,2,3,4,7,8-HxCDF	0.000026	ND(0.000026)	ND(0.0000071)	0.0000083 J (0.0000088 J)
1,2,3,6,7,8-HxCDF	0.000024 J	ND(0.000026)	ND(0.0000013)	0.0000060 J (0.0000069 J)
1,2,3,7,8,9-HxCDF	0.0000082 J	ND(0.000026)	ND(0.0000084)	ND(0.0000054) ND(0.0000055)
2,3,4,6,7,8-HxCDF	0.000032 J	ND(0.000026)	ND(0.0000070)	0.0000085 J ND(0.0000054) X
HxCDFs (total)	0.000054	ND(0.000026)	0.000013 J	0.0000083 (0.0000088)
1,2,3,4,6,7,8-HpCDF	0.000028	ND(0.000026)	0.000016	0.000010 J (0.000020 J)
1,2,3,4,7,8,9-HpCDF	0.000017 J	ND(0.000026)	ND(0.0000082)	ND(0.0000054) ND(0.0000068)
HpCDFs (total)	0.000047	ND(0.000026)	0.000016	0.000015 J (0.000014 J)
OCDF	0.000013	ND(0.000011)	0.000003 J	0.0000065 J (0.000011 J)
Dioxins				
2,3,7,8-TCDD	ND(0.000029)	ND(0.000022)	ND(0.0000036)	ND(0.000025) ND(0.000028)
TCDDs (total)	ND(0.000029)	ND(0.000022)	ND(0.0000036)	ND(0.000025) ND(0.000028)
1,2,3,7,8-PeCDD	ND(0.0000067) X	ND(0.0000056)	ND(0.0000055)	ND(0.0000054) ND(0.0000056)
PeCDDs (total)	0.000046 J	ND(0.0000074)	ND(0.0000082)	0.0000078 J (0.0000086 J)
1,2,3,4,7,8-HxCDD	0.0000074 J	ND(0.0000056)	ND(0.0000072)	ND(0.0000054) ND(0.0000056)
1,2,3,6,7,8-HxCDD	0.000010 J	ND(0.0000056)	ND(0.0000064)	0.0000055 J (0.0000083 J)
1,2,3,7,8,9-HxCDD	0.0000072 J	ND(0.0000056)	ND(0.0000071)	ND(0.0000054) (0.0000058 J)
HxCDDs (total)	0.0000269	ND(0.0000064)	0.0000098 J	0.0000053 J (0.0000064 J)
1,2,3,4,6,7,8-HpCDD	0.0000075	ND(0.0000056)	0.0000038 J	0.0000064 (0.000010)
HpCDDs (total)	0.000015	ND(0.0000056)	0.0000038 J	0.000016 (0.000018)
OCDD	0.000045	0.000018 J	0.000020	0.000014 (0.000024)
Total TEQs (WHO TEQs)	0.000042	0.0000076	0.000017	0.000019 (0.000020)

TABLE 6
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX (K-3) INVESTIGATIONS - GROUP 4B

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth(Feet): Parameter: Date Collected:	17-147 (West)			
	4B-SB-3 0-1 02/08/05	4B-SB-3 3-5 02/08/05	4B-SB-4 0-1 02/08/05	4B-SB-5 1-3 02/08/05
Inorganics				
Antimony	ND(5.00) J	ND(5.00) J	ND(5.00) J	ND(5.00) J (ND(5.00) J)
Arsenic	4.10	2.20 J	10.0	7.00 (8.50)
Barium	30.0	26.0	48.0	33.0 (33.0)
Beryllium	0.270 B	0.350 B	0.350 B	0.290 B (0.290 B)
Cadmium	0.150 B	0.150 B	0.130 B	0.370 B (0.490 B)
Chromium	9.50	8.30	15.0	10.0 (9.60)
Cobalt	7.20	7.10	12.0	9.70 (9.20)
Copper	14.0	0.90	14.0	20.0 (20.0)
Cyanide	0.110 B	0.0260 B	0.0870 B	0.120 B (0.120 B)
Lead	72.0 J	4.20 J	14.0 J	120 J (43.0 J)
Mercury	0.0360 B	ND(0.120)	0.0300 B	0.0170 B (0.0450 B)
Nickel	12.0	11.0	18.0	18.0 (18.0)
Silver	ND(1.00) J	0.130 J	ND(1.00) J	0.240 J (0.180 J)
Sulfide	11.0 J	5.60 J	5.10 J	42.0 J (100 J)
Thallium	ND(1.20)	ND(1.20)	ND(1.10)	ND(1.10) (ND(1.10))
Vanadium	10.0	8.40	15.0	11.0 (10.0)
Zinc	60.0	51.0	65.0	80.0 (94.0)

Notes:

1. Samples were collected by Blomard, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix (K-3) constituents.
2. Samples have been selected as per Field Sampling Plan/Quality Assurance Project Plan (FSPP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blomard Bouck & Lee, Inc. (approved May 28, 2004 and resubmitted July 19, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDF 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 105(2), December 1998.
5. With the exception of dioxins/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (polychlorinated dibenzofurans)

- 1 - Polychlorinated Biphenyl (PCB) interference.
- J - Indicates that the associated numerical value is an estimated concentration.
- Q - Indicates the presence of quantitative interferences.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated maximum possible 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 PQL.
- J - Indicates that the associated numerical value is an estimated concentration.

TABLE 7
 RESULTS OF JANUARY AND FEBRUARY 2005 PCB INVESTIGATION - GROUP 4C
 PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
 FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1/10 MILE REACH
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Area: 1018	Area: 1021	Area: 1032	Area: 1042	Area: 1244	Area: 1254	Area: 1269	Total PCBs
Parcel 10-1-02										
4C-SB-9	2-3	2/10/2005	ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.056)	1.8	1.8	3.4
	3-6	2/10/2005	ND(0.045) [ND(0.047)]	ND(0.045) [ND(0.047)]	ND(0.045) [ND(0.047)]	ND(0.045) [ND(0.047)]	ND(0.045) [ND(0.047)]	0.069 [0.064]	0.094 [0.064]	0.163 [0.148]
	6-10	2/10/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
4C-SB-10	2-3	2/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.054	0.054	0.054
	3-6	2/10/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.051	0.051	0.051
	6-10	2/10/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
4C-SB-11	2-3	2/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.022 J	0.022 J
	3-6	2/10/2005	ND(0.042) J	ND(0.042) J	ND(0.042) J	ND(0.042) J	ND(0.042) J	ND(0.042) J	ND(0.042) J	ND(0.042) J
	6-10	2/10/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
Parcel 10-1-03										
4C-SB-12	0-1	2/15/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.064	0.073	0.137
	1-2	2/15/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	2-4	2/15/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	4-6	2/15/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
4C-SB-17	0-1	2/15/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.065	0.062	0.127
4C-SB-13	0-1	2/15/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	
4C-SB-14	0-1	2/15/2005	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	
4C-SB-14	0-1	2/15/2005	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.036 J	0.036 J	
Parcel 10-1-101										
4C-SB-3	0-1	2/15/2005	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	0.091	0.15	0.241
	1-2	2/15/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	2-4	2/15/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	2/15/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
4C-SB-4	0-1	2/15/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.024 J	0.033 J	0.057 J
4C-SB-7	0-1	2/15/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	
4C-SB-8	0-1	2/15/2005	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.13	0.13	
4C-SB-9	0-1	2/15/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.077	0.153	0.153
4C-SB-10	0-1	2/15/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.092	0.092	
Parcel 10-1-102										
4C-SB-4	0-1	2/15/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.23	0.34	0.57
	1-2	2/15/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.018 J	0.018 J
	2-4	2/15/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	2/15/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.033 J	0.033 J	0.033 J
4C-SB-1	0-1	2/15/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.20	0.39	0.59
4C-SB-2	0-1	2/15/2005	ND(0.044) [ND(0.045)]	ND(0.044) [ND(0.045)]	ND(0.044) [ND(0.045)]	ND(0.044) [ND(0.045)]	ND(0.044) [ND(0.045)]	ND(0.044) [ND(0.045)]	0.025 J [0.028 J]	0.025 J [0.028 J]
4C-SB-3	0-1	2/15/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.55	0.94	1.30
4C-SB-4	0-1	2/15/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.077	0.13	0.197
4C-SB-5	0-1	2/15/2005	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.091 J	0.098	0.11
Parcel 10-1-103										
4C-SB-1	2-3	2/8/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.20	0.36	0.56
	3-6	2/8/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.028 J	0.028 J
	6-10	2/8/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	10-15	2/8/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
4C-SB-3	2-3	2/14/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.27	0.39
	3-6	2/14/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-10	2/14/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	10-15	2/14/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
4C-SB-23	2-3	2/8/2005	ND(3.7) [ND(3.7)]	ND(3.7) [ND(3.7)]	ND(3.7) [ND(3.7)]	ND(3.7) [ND(3.7)]	ND(3.7) [ND(3.7)]	ND(3.7) [ND(3.7)]	49 [66]	49 [66]
	3-6	2/8/2005	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	100	100
	6-10	2/8/2005	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	90	90
	10-15	2/8/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	1.7	1.7
4C-SB-28	0-1	2/8/2005	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	2.0	4.7	5.7
4C-SB-29	0-1	2/8/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.37	0.77	1.14
4C-SB-30	0-1	2/8/2005	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	2.5	4.5	7.0
4C-SB-31	0-1	2/8/2005	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.9	6.2	10.1

TABLE 7
RESULTS OF JANUARY AND FEBRUARY 2005 PCB INVESTIGATION - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 16-1-104										
4C-SB-2	2-3	2/9/2005	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	78	78
	3-6	2/9/2005	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	12	12
	6-10	2/9/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.060	0.22	0.30
	10-15	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
4C-SB-5	2-3	2/9/2005	R	R	R	R	R	R	0.037 J	0.037 J
	3-6	2/9/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.093	0.24	0.333
	6-10	2/9/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	10-15	2/9/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
4C-SB-6	2-3	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.12	0.20	0.32
	3-6	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.017 J	0.017 J
	6-10	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	10-15	2/9/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
4C-SB-7	2-3	2/14/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	2/14/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	2/14/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	2/14/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
4C-SB-30	2-3	2/10/2005	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	9.9	10	19.9
	3-6	2/10/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.18	0.27	0.45
	6-10	2/10/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	10-15	2/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
Parcel 16-1-105										
4C-SB-22	0-1	2/17/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.030 J	ND(0.042)	0.030 J
	1-2	2/17/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	2-4	2/17/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	2/17/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
4C-SB-29	0-1	2/17/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.031 J	0.046	0.077
	1-2	2/17/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	2-4	2/17/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	4-6	2/17/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
4C-SS-15	0-1	2/18/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.058	0.166
4C-SS-16	0-1	2/18/2005	ND(0.049) [ND(0.049)]	0.045 J [0.19]	0.028 J [ND(0.049)]	0.073 J [0.19]				
4C-SS-17	0-1	2/18/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.10	0.13	0.23
4C-SS-18	0-1	2/18/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	ND(0.039)	0.12
4C-SS-19	0-1	2/18/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.040	ND(0.040)	0.040
4C-SS-20	0-1	2/18/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
4C-SS-21	0-1	2/18/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.044 J
4C-SS-22	0-1	2/18/2005	R	R	R	R	R	R	R	R
4C-SS-23	0-1	2/18/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.037 J	0.065	0.102
4C-SS-24	0-1	2/18/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.033 J	0.044	0.077
4C-SS-25	0-1	2/18/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.056	0.057	0.113
4C-SS-26	0-1	2/18/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.066	0.088
4C-SS-27	0-1	2/18/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.057	0.057
Parcel 16-1-106										
4C-SB-13	2-3	2/10/2005	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	4.9	4.7	9.6
	3-6	2/10/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.066	0.066
	6-10	2/10/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.10	0.041 J	0.141
4C-SB-14	2-3	2/11/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	2/11/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	2/11/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
4C-SB-15	2-3	2/14/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.033 J	0.033 J
	3-6	2/14/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-10	2/14/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
4C-SB-16	2-3	2/11/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.038 J	0.099	0.135
	3-6	2/11/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	2/11/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.025 J	0.035 J	0.060 J

TABLE 7
RESULTS OF JANUARY AND FEBRUARY 2003 PCB INVESTIGATION - GROUP 4C
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Aroclor-1221	Aroclor-1232	Aroclor-1243	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
4C-SB-17	2-3	2/11/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.028 J	0.046	0.074
	3-6	2/11/2003	ND(0.041)							
	6-10	2/11/2003	ND(0.038)							
4C-SB-18	2-3	2/11/2003	ND(0.044) [ND(0.044)]	0.077 (0.066)	0.13 (0.11)	0.207 (0.159)				
	3-6	2/11/2003	ND(0.042)							
	6-10	2/11/2003	ND(0.038)							
4C-SB-19	2-3	2/16/2003	ND(0.19)	ND(0.15)	ND(0.19)	ND(0.19)	ND(0.19)	2.8	5.1	6.7
	3-6	2/16/2003	ND(0.042) [ND(0.042)]							
	6-10	2/16/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.022 J	ND(0.040)	0.022 J
4C-SB-20	2-3	2/16/2003	ND(0.040) J	0.65 J	1.7 J	2.35 J				
	3-6	2/16/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.021 J	0.025 J	0.055 J
	6-10	2/16/2003	ND(0.043)							
4C-SB-21	2-3	2/16/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.024 J	0.024 J
	3-6	2/16/2003	ND(0.043)							
	6-10	2/16/2003	ND(0.045)							
4C-SB-22	2-3	2/17/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.8	3.1	4.9
	3-6	2/17/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.11	0.12	0.23
	6-10	2/17/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.023 J	ND(0.042)	0.023 J
4C-SB-24	2-3	2/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.28	0.38	0.66
	3-6	2/17/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.024 J	0.028 J	0.053 J
	6-10	2/17/2003	ND(0.043)							
4C-SB-25	2-3	2/22/2003	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	4.6	5.1	9.7
	3-6	2/22/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.74	0.55	1.29
	6-10	2/22/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.081	0.059	0.18
4C-SB-26	2-3	2/18/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.051	0.12	0.171
	3-6	2/18/2003	ND(0.044)							
	6-10	2/18/2003	ND(0.046)							
4C-SB-28	2-3	2/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.051	0.051
	3-6	2/10/2003	ND(0.038)							
	6-10	2/10/2003	ND(0.041)							

- Notes:**
1. Samples were collected by Blandford, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSPP/QAPP), General Electric Company, Pittsfield, Massachusetts. Blandford Bouck & Lee, Inc. (approval May 20, 2004 and resubmitted June 18, 2004).
 3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
 4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

- J - Indicates that the associated numerical value is an estimated concentration.
- R - Data was rejected due to a deficiency in the data generation process.

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1.1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth (Feet): Parameter: Date Collected:	167-62				
	4C-SB-9 0-1 02/10/05	4C-SB-9 3-8 02/10/05	4C-SB-9 8-10 02/10/05	4C-SB-10 0-1 02/10/05	4C-SB-11 1-3 02/10/05
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39) J
1,4-Dichlorobenzene	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39) J
2-Methylnaphthalene	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Acenaphthene	0.071 J	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39) J
Acenaphthylene	0.27 J	ND(0.45) [ND(0.47)]	ND(0.52)	0.060 J	ND(0.39)
Anthracene	0.22 J	0.042 J [0.064 J]	ND(0.52)	0.041 J	ND(0.39)
Benzo(a)anthracene	0.72	0.18 J [0.32 J]	ND(0.52)	0.18 J	ND(0.39)
Benzo(a)pyrene	0.71	0.071 J [0.26 J]	ND(0.52)	0.16 J	ND(0.39)
Benzo(b)fluoranthene	0.49 J	0.055 J [0.15 J]	ND(0.52)	0.084 J	ND(0.39)
Benzo(g,h,i)perylene	0.32 J	ND(0.45) [0.092 J]	ND(0.52)	0.076 J	ND(0.39)
Benzo(k)fluoranthene	0.63	0.15 J [0.25 J]	ND(0.52)	0.14 J	ND(0.39)
bis(2-Ethylhexyl)phthalate	0.64	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	0.71
Chrysene	0.80	0.20 J [0.30 J]	ND(0.52)	0.17 J	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Dimethylphthalate	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Fluoranthene	1.2	0.31 J [0.44 J]	ND(0.52)	0.26 J	ND(0.39)
Fluorene	0.081 J	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Indeno(1,2,3-cd)pyrene	0.27 J	ND(0.45) [0.075 J]	ND(0.52)	0.050 J	ND(0.39)
Naphthalene	0.11 J	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
N-Nitrosopiperidine	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Pentachlorobenzene	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Phenanthrene	0.74	0.066 J [0.090 J]	ND(0.52)	0.10 J	ND(0.39)
Phenol	ND(0.52)	ND(0.45) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Pyrene	1.3	0.32 J [0.47 J]	ND(0.52)	0.33 J	ND(0.39)
Furans					
2,3,7,8-TCDF	0.00020 Y	0.0000010 J [ND(0.0000012)]	ND(0.0000071)	0.0000087 Y	ND(0.0000064)
TCDFs (total)	0.0017 I	0.0000010 J [ND(0.0000012)]	ND(0.0000071)	0.000079	ND(0.0000064)
1,2,3,7,8-PeCDF	0.00015	ND(0.0000068) [ND(0.0000069)]	ND(0.0000071)	0.0000068	0.0000064 J
2,3,4,7,8-PeCDF	0.00027	ND(0.0000068) [ND(0.0000067)]	ND(0.0000071)	0.000011	ND(0.0000055)
PeCDFs (total)	0.0029 I	ND(0.0000068) [0.0000011 J]	ND(0.0000071)	0.00012 I	0.0000024 J
1,2,3,4,7,8-HxCDF	0.00040	ND(0.0000082) [ND(0.0000088)]	ND(0.0000010)	0.000026	ND(0.0000078)
1,2,3,6,7,8-HxCDF	0.00016	ND(0.0000071) [ND(0.0000077)]	ND(0.0000087)	0.0000077	ND(0.0000068)
1,2,3,7,8,9-HxCDF	0.00064	ND(0.0000097) [ND(0.0000010)]	ND(0.0000012)	0.000042 J	ND(0.0000092)
2,3,4,6,7,8-HxCDF	0.00021	ND(0.0000081) [ND(0.0000088)]	ND(0.0000099)	0.000091	ND(0.0000077)
HxCDFs (total)	0.0036	0.0000028 J [ND(0.0000088)]	ND(0.0000010)	0.00016	0.0000011 J
1,2,3,4,6,7,8-HpCDF	0.0021	0.0000022 J [0.0000024 J]	ND(0.0000090)	0.000073	0.0000020 J
1,2,3,4,7,8,9-HpCDF	0.00015	ND(0.0000012) [ND(0.0000016)]	ND(0.0000012)	0.000011	ND(0.0000091)
HpCDFs (total)	0.0040	0.0000022 J [0.0000042 J]	ND(0.0000010)	0.00015	0.0000020 J
OCDF	0.0013	0.0000019 J [ND(0.0000032)]	ND(0.0000014)	0.000060	0.0000014 J
Dioxins					
2,3,7,8-TCDD	0.0000056	ND(0.0000062) [ND(0.0000075)]	ND(0.0000051)	ND(0.0000069)	ND(0.0000042)
TCDDs (total)	0.000089	ND(0.0000062) [ND(0.0000075)]	ND(0.0000051)	0.0000051	ND(0.0000042)
1,2,3,7,8-PeCDD	0.000029	ND(0.0000068) [ND(0.0000077)]	ND(0.0000071)	ND(0.0000026) X	ND(0.0000055)
PeCDDs (total)	0.00028	ND(0.0000010) [ND(0.0000079)]	ND(0.0000071)	0.000026	ND(0.0000086)
1,2,3,4,7,8-HxCDD	0.000032	ND(0.0000073) [ND(0.0000010)]	ND(0.0000015)	0.000040 J	ND(0.0000011)
1,2,3,6,7,8-HxCDD	0.000064	ND(0.0000068) [ND(0.0000093)]	ND(0.0000013)	ND(0.0000048) X	ND(0.0000099)
1,2,3,7,8,9-HxCDD	0.000045	ND(0.0000072) [ND(0.0000010)]	ND(0.0000014)	0.000039 J	ND(0.0000011)
HxCDDs (total)	0.00074	ND(0.0000070) [ND(0.0000010)]	ND(0.0000014)	0.000067	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	0.00079	0.0000015 J [0.0000018 J]	ND(0.0000012)	0.000030	0.0000012 J
HpCDDs (total)	0.0015	0.0000026 J [0.0000018 J]	ND(0.0000012)	0.000062	0.0000020 J
OCDD	0.0068 E	0.0000093 J [0.0000012 J]	ND(0.0000025)	0.00016	0.0000062 J
Total TEQs (WHO TEFs)	0.00033	0.0000013 [0.0000014]	0.0000013	0.000015	0.0000010

TABLE B
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX (K*) INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	15-1-62				
	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	4C-SB-3 0-1 02/10/05	4C-SB-8 3-6 02/10/05	4C-SB-9 6-10 02/10/05	4C-SB-10 6-1 02/10/05	4C-SB-11 1-3 02/10/05
Inorganics					
Antimony	ND(5.00) J	ND(5.00) J [ND(5.00) J]	ND(5.00) J	ND(5.00) J	ND(5.00) J
Arsenic	4.40	2.90 J [2.90 J]	1.40	3.00	2.20 J
Barium	50.0	38.0 [42.0]	33.0	37.0	28.0
Beryllium	0.430 B	0.360 B [0.380 B]	0.280 B	0.340 B	0.340 B
Cadmium	0.940	0.250 B [0.250 B]	ND(0.500)	0.240 B	0.140 B
Chromium	27.0	9.60 [10.0]	10.0	11.0	9.50
Cobalt	8.60	10.0 [8.50]	6.70	7.50	7.30
Copper	62.0	12.0 [12.0]	10.0	18.0	9.20
Cyanide	0.540	0.0950 B [0.0630 B]	0.0700 B	0.160	0.0540 B
Lead	120	9.10 [9.10]	5.60	20.0	5.80
Mercury	0.480	0.0350 B [0.0410 B]	ND(0.150)	0.0610 B	ND(0.120)
Nickel	16.0	14.0 [14.0]	13.0	12.0	10.0
Selenium	2.10 J	1.10 J [1.20 J]	1.10 J	1.60 J	1.90 J
Silver	0.540 J	ND(1.00) J [ND(1.10) J]	ND(1.20) J	ND(1.00) J	ND(1.00) J
Sulfide	15.0	28.0 [25.0]	25.0	9.90	ND(5.60)
Thallium	ND(1.50)	ND(1.40) [ND(1.40)]	ND(1.60)	ND(1.20)	ND(1.20)
Tin	ND(12.0)	ND(16.0) [ND(11.0)]	ND(12.0)	ND(10.0)	ND(10.0)
Vanadium	13.0	6.70 [5.80]	9.40	8.60	7.90
Zinc	160	54.0 [50.0]	59.0	64.0	41.0

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+J INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	16-1-103						
	Parcel ID: Sample ID: Sample Depth (Feet): Date Collected:	4C-SB-1 0-1 02/09/05	4C-SB-1 6-10 02/09/05	4C-SB-3 0-1 02/14/05	4C-SB-3 1-3 02/14/05	4C-SB-3 10-15 02/14/05	4C-SB-27 3-5 02/09/05
Semivolatile Organics							
1,2,4-Trichlorobenzene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
1,4-Dichlorobenzene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
2-Methylnaphthalene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Acenaphthene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Acenaphthylene		0.59 J	ND(0.44)	0.13 J	ND(0.38)	ND(0.52)	ND(3.9)
Anthracene		ND(4.1)	ND(0.44)	0.081 J	ND(0.38)	ND(0.52)	0.33 J
Benzo(a)anthracene		1.1 J	ND(0.44)	0.28 J	ND(0.38)	ND(0.52)	0.91 J
Benzo(a)pyrene		1.2 J	ND(0.44)	0.30 J	ND(0.38)	ND(0.52)	0.66 J
Benzo(b)fluoranthene		0.90 J	ND(0.44)	0.18 J	ND(0.38)	ND(0.52)	0.43 J
Benzo(g,h,i)perylene		0.59 J	ND(0.44)	0.15 J	ND(0.38)	ND(0.52)	0.27 J
Benzo(k)fluoranthene		0.94 J	ND(0.44)	0.27 J	ND(0.38)	ND(0.52)	0.60 J
bis(2-Ethylhexyl)phthalate		ND(2.1)	ND(0.43)	ND(0.39)	ND(0.38)	ND(0.51)	ND(2.0)
Chrysene		1.2 J	ND(0.44)	0.33 J	ND(0.38)	ND(0.52)	0.93 J
Dibenzo(a,h)anthracene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Dimethylphthalate		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Fluoranthene		1.8 J	ND(0.44)	0.46	ND(0.38)	ND(0.52)	1.5 J
Fluorene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Indeno(1,2,3-cd)pyrene		ND(4.1)	ND(0.44)	0.081 J	ND(0.38)	ND(0.52)	ND(3.9)
Naphthalene		ND(4.1)	ND(0.44)	0.070 J	ND(0.38)	ND(0.52)	ND(3.9)
N-Nitrosopiperidine		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Pentachlorobenzene		ND(4.1)	ND(0.44)	ND(0.40)	ND(0.38)	ND(0.52)	ND(3.9)
Phenanthrene		0.85 J	ND(0.44)	0.26 J	ND(0.38)	ND(0.52)	1.0 J
Phenol		ND(4.1)	ND(0.44)	0.066 J	ND(0.38)	ND(0.52)	ND(3.9)
Pyrene		1.8 J	ND(0.44)	0.60	ND(0.38)	ND(0.52)	1.6 J
Furans							
2,3,7,8-TCDF		0.00011 Y	ND(0.0000078)	0.00033 Y	ND(0.0000057)	ND(0.0000058)	0.00040 Y
TCDFs (total)		0.00076	ND(0.0000078)	0.00026 J	ND(0.0000057)	ND(0.0000058)	0.0025 QI
1,2,3,7,8-PeCDF		0.000073	ND(0.0000059)	0.000023	ND(0.0000053)	ND(0.0000066)	0.00025
2,3,4,7,8-PeCDF		0.00012	ND(0.0000059)	0.000034	ND(0.0000053)	ND(0.0000066)	0.00032
PeCDFs (total)		0.00093 J	ND(0.0000059)	0.00037 J	ND(0.0000053)	ND(0.0000066)	0.0023 QI
1,2,3,4,7,8-HxCDF		0.00016	ND(0.0000074)	0.000077	ND(0.0000069)	ND(0.0000083)	0.00029
1,2,3,6,7,8-HxCDF		0.000059	ND(0.0000064)	0.000024	ND(0.0000060)	ND(0.0000072)	0.00011
1,2,3,7,8,9-HxCDF		0.000019	ND(0.0000087)	0.000015	ND(0.0000082)	ND(0.0000098)	0.000046
2,3,4,6,7,8-HxCDF		0.000053	ND(0.0000073)	0.000026	ND(0.0000069)	ND(0.0000082)	0.000090
HxCDFs (total)		0.00083	ND(0.0000074)	0.00040	ND(0.0000069)	ND(0.0000083)	0.0013
1,2,3,4,6,7,8-HpCDF		0.00049	ND(0.0000090)	0.00018	0.000012 J	ND(0.0000010)	0.00037
1,2,3,4,7,8,9-HpCDF		0.000052	ND(0.0000012)	0.000036	ND(0.0000076)	ND(0.0000014)	0.000089
HpCDFs (total)		0.00092	ND(0.0000010)	0.00040	0.000012 J	ND(0.0000012)	0.00091
OCDF		0.00058	ND(0.0000016)	0.00017	ND(0.0000019)	ND(0.0000028)	0.00070
Dioxins							
2,3,7,8-TCDD		0.0000023 J	ND(0.0000060)	0.0000096 J	ND(0.0000046)	ND(0.0000051)	0.000045
TCDDs (total)		0.000025	ND(0.0000060)	0.000082	ND(0.0000074)	ND(0.0000011)	0.000032 Q
1,2,3,7,8-PeCDD		ND(0.0000081) X	ND(0.0000069)	ND(0.0000084) X	ND(0.0000058)	ND(0.0000069)	0.0000068
PeCDDs (total)		0.000037	ND(0.0000091)	0.000052	ND(0.0000064)	ND(0.0000087)	0.000016 Q
1,2,3,4,7,8-HxCDD		0.0000048 J	ND(0.0000012)	0.0000098	ND(0.0000073)	ND(0.0000012)	0.000055 J
1,2,3,6,7,8-HxCDD		0.000011	ND(0.0000010)	0.000013	ND(0.0000065)	ND(0.0000011)	0.000014
1,2,3,7,8,9-HxCDD		0.0000068	ND(0.0000012)	0.000013	ND(0.0000072)	ND(0.0000012)	0.0000084
HxCDDs (total)		0.00012	ND(0.0000011)	0.00020	ND(0.0000070)	ND(0.0000012)	0.00013
1,2,3,4,6,7,8-HpCDD		0.00017	ND(0.0000012)	0.000098	0.000012 J	ND(0.0000017)	0.00027
HpCDDs (total)		0.00032	ND(0.0000012)	0.00022	0.000021 J	ND(0.0000017)	0.00048
OCDD		0.0015	ND(0.0000028)	0.00053	ND(0.0000067)	ND(0.0000042)	0.0027
Total TEQs (WHO TEQs)		0.00012	0.0000012	0.000048	0.0000097	0.0000012	0.00029

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+) INVESTIGATIONS - GROUP 1C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	16-1-103				
	Sample ID:	4C-SB-1	4C-SB-1	4C-SB-3	4C-SB-3	4C-SB-3	4C-SB-27
Sample Depth (Feet):	0-1	6-10	0-1	1-3	10-15	3-6
Date Collected:	02/09/05	02/09/05	02/14/05	02/14/05	02/14/05	02/09/05
Inorganics						
Antimony	9.30	4.40 B	1.20 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.30	2.10 J	5.30	2.30	5.30	2.60 J
Barium	31.0	28.0	36.0	25.0	60.0	32.0
Beryllium	0.260 B	0.290 B	0.290 B	0.270 B	0.350 B	0.290 B
Cadmium	0.650	ND(0.500)	0.730	0.465 B	0.830	0.780
Chromium	13.0	9.20	14.0	9.00	12.0	24.0
Cobalt	5.90	7.20	7.30	6.70	9.80	6.40
Copper	29.0	8.40	33.0	7.70	12.0	31.0
Cyanide	0.140 B	ND(0.260)	0.170	0.0330 B	0.0690 B	ND(0.590)
Lead	43.0	4.60	52.0	8.20	6.70	82.0
Mercury	0.140	ND(0.130)	0.0910 B	ND(0.110)	ND(0.150)	0.180
Nickel	10.0	12.0	12.0	9.90	16.0	13.0
Selenium	0.750 B	1.10 J	ND(1.00) J	ND(1.00)	ND(1.20) J	ND(1.00)
Silver	0.140 B	ND(1.00)	0.240 B	ND(1.00)	ND(1.20)	0.610 B
Sulfide	ND(6.20)	ND(6.50) J	13.0	11.0	12.0	19.0
Thallium	2.40 J	ND(1.30)	3.90	1.80 J	4.50	2.20 J
Tin	17.0	ND(10.0)	ND(10.0)	ND(10.0)	0.890 B	ND(10.0)
Vanadium	9.50	9.00	11.0	9.10	12.0	12.0
Zinc	76.0	46.0	87.0	45.0 B	57.0	85.0

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+J INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth (Feet): Parameter: Date Collected:	4C-SB-2 0-1 02/09/05	4C-SB-2 3-6 02/09/05	4C-SB-2 6-10 02/09/05	18-1-104 4C-SB-5 0-1 02/09/05	4C-SB-5 1-3 02/09/05	4C-SB-5 3-6 02/09/05	4C-SB-6 0-1 02/09/05
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.41) J	ND(0.43) J	ND(0.47)	0.058 J	ND(0.38)	ND(0.38)	ND(4.4)
1,4-Dichlorobenzene	0.066 J	ND(0.43) J	ND(0.47)	ND(0.42)	ND(0.38)	ND(0.38)	ND(4.4)
2-Methylnaphthalene	0.052 J	ND(0.43) J	ND(0.47)	0.060 J	ND(0.38)	ND(0.38)	ND(4.4)
Acenaphthene	0.077 J	ND(0.43) J	ND(0.47)	0.057 J	ND(0.38)	ND(0.38)	ND(4.4)
Acenaphthylene	0.11 J	ND(0.43) J	ND(0.47)	0.10 J	0.047 J	ND(0.38)	0.68 J
Anthracene	0.29 J	0.081 J	ND(0.47)	0.18 J	0.074 J	ND(0.38)	0.25 J
Benzo(a)anthracene	0.41 J	0.14 J	ND(0.47)	0.48	0.54	ND(0.38)	0.99 J
Benzo(a)pyrene	0.27 J	0.066 J	ND(0.47)	0.35 J	0.48	ND(0.38)	1.0 J
Benzo(b)fluoranthene	0.18 J	0.046 J	ND(0.47)	0.18 J	0.34 J	ND(0.38)	0.83 J
Benzo(g,h,i)perylene	0.080 J	ND(0.43) J	ND(0.47)	0.11 J	0.18 J	ND(0.38)	0.51 J
Benzo(k)fluoranthene	0.30 J	0.064 J	ND(0.47)	0.41 J	0.40	ND(0.38)	0.84 J
bis(2-Ethylhexyl)phthalate	ND(0.41) J	ND(0.42) J	ND(0.46)	ND(0.41)	ND(0.38)	ND(0.38)	ND(2.2)
Chrysene	0.41 J	0.12 J	ND(0.47)	0.53	0.50	ND(0.38)	1.1 J
Dibenzo(a,h)anthracene	ND(0.41) J	ND(0.43) J	ND(0.47)	ND(0.42)	0.049 J	ND(0.38)	ND(4.4)
Dimethylphthalate	0.086 J	ND(0.43) J	ND(0.47)	ND(0.42)	ND(0.38)	ND(0.38)	ND(4.4)
Fluoranthene	1.2 J	0.32 J	ND(0.47)	1.0	0.82	ND(0.38)	1.2 J
Fluorene	0.13 J	ND(0.43) J	ND(0.47)	0.064 J	ND(0.38)	ND(0.38)	ND(4.4)
Indeno(1,2,3-cd)pyrene	0.066 J	ND(0.43) J	ND(0.47)	0.060 J	0.15 J	ND(0.38)	0.44 J
Naphthalene	ND(0.83) J	ND(0.86) J	ND(0.47)	0.14 J	ND(0.38)	ND(0.38)	ND(4.4)
N-Nitrosopiperidine	0.13 J	ND(0.43) J	ND(0.47)	ND(0.42)	ND(0.38)	ND(0.38)	ND(4.4)
Pentachlorobenzene	0.049 J	ND(0.43) J	ND(0.47)	ND(0.42)	ND(0.38)	ND(0.38)	ND(4.4)
Phenanthrene	1.0 J	0.19 J	ND(0.47)	0.88	0.13 J	ND(0.38)	0.52 J
Phenol	ND(0.41)	ND(0.43)	ND(0.47)	ND(0.42)	ND(0.38)	ND(0.38)	ND(4.4)
Pyrene	1.0 J	0.28 J	ND(0.47)	1.1	0.63	ND(0.38)	1.5 J
Furans							
2,3,7,8-TCDF	0.000066 Y	0.000065 Y	ND(0.0000080) X	0.000032 Y	0.000064 Y	ND(0.0000064)	0.000029 Y
TCDFs (total)	0.00046 Cl	0.000044	ND(0.0000056)	0.00030 Cl	0.000023	ND(0.0000064)	0.00033 I
1,2,3,7,8-PeCDF	0.000050	0.000037 J	ND(0.0000066)	0.000018	0.000020 J	ND(0.0000055)	0.000021
2,3,4,7,8-PeCDF	0.000082	0.000077	ND(0.0000066)	0.000045	0.000019 J	ND(0.0000055)	0.000033
PeCDFs (total)	0.00060 Cl	0.000087	ND(0.0000066)	0.00048 Cl	0.000079	ND(0.0000055)	0.00040 I
1,2,3,4,7,8-HxCDF	0.00013	0.000017	ND(0.0000086)	0.000022	0.0000088 J	ND(0.0000082)	0.000066
1,2,3,6,7,8-HxCDF	0.000042	0.000042 J	ND(0.0000075)	0.000041	ND(0.0000054)	ND(0.0000072)	0.000031
1,2,3,7,8,9-HxCDF	0.000019	0.000027 J	ND(0.000010)	0.000041	ND(0.0000063)	ND(0.0000098)	0.000011
2,3,4,6,7,8-HxCDF	0.000035	0.000049 J	ND(0.0000086)	0.000044	ND(0.0000054)	ND(0.0000082)	0.000026
HxCDFs (total)	0.00053	0.000083	ND(0.0000086)	0.00086	0.000028 J	ND(0.0000082)	0.00057 I
1,2,3,4,6,7,8-HpCDF	0.00018	0.000047	0.0000071 J	0.000035	ND(0.0000024) X	ND(0.0000055)	0.000030
1,2,3,4,7,8,9-HpCDF	0.000065	0.000074	ND(0.0000080)	0.000095	ND(0.0000054)	ND(0.0000058)	0.000022
HpCDFs (total)	0.00050	0.00010	0.0000071 J	0.00077	0.000018 J	ND(0.0000055)	0.00055
OCDF	0.00054	0.000072	ND(0.0000015)	0.00029	0.000021 J	ND(0.0000014)	0.00019
Dioxins							
2,3,7,8-TCDD	0.000013 J	ND(0.0000052)	ND(0.0000040)	0.000035	ND(0.0000038)	ND(0.0000052)	0.000010 J
TCDDs (total)	0.000091	ND(0.0000053)	ND(0.0000059)	0.00082 Cl	ND(0.0000042)	ND(0.0000052)	0.000018
1,2,3,7,8-PeCDD	ND(0.0000028) X	ND(0.0000084)	ND(0.0000066)	0.000052	ND(0.0000054)	ND(0.0000055)	0.000060 J
PeCDDs (total)	0.000020	0.000025 J	ND(0.0000094)	0.00040	ND(0.0000095)	ND(0.0000055)	0.000049
1,2,3,4,7,8-HxCDD	ND(0.0000027) X	0.000011 J	ND(0.000011)	0.000047	ND(0.0000075)	ND(0.0000097)	0.000063 J
1,2,3,6,7,8-HxCDD	ND(0.0000061) X	0.000023 J	ND(0.0000095)	0.000052	ND(0.0000067)	ND(0.0000087)	0.000010
1,2,3,7,8,9-HxCDD	ND(0.0000046) X	0.000014 J	ND(0.000010)	0.000054	ND(0.0000075)	ND(0.0000096)	0.000076
HxCDDs (total)	0.000051	0.000021	ND(0.000010)	0.00089	0.000010 J	ND(0.0000094)	0.00013
1,2,3,4,6,7,8-HpCDD	0.00010	0.000041	ND(0.000011) X	0.00020	0.000013 J	ND(0.0000084)	0.000087
HpCDDs (total)	0.00019	0.000076	ND(0.0000072)	0.00049	0.000028 J	ND(0.0000084)	0.00018
OCDD	0.0011	0.000036	0.0000067 J	0.00071	0.0000088 J	ND(0.0000015)	0.00059
Total TEQs (WHO TEQs)	0.000080	0.0000097	0.0000011	0.00014	0.0000025	0.0000010	0.000047

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	18-1-104						
Sample ID:	4C-SB-2	4C-SB-2	4C-SB-2	4C-SB-5	4C-SB-5	4C-SB-5	4C-SB-6
Sample Depth(Feet):	0-1	3-6	6-10	0-1	1-3	3-6	0-1
Parameter	Data Collected:	02/09/05	02/09/05	02/09/05	02/09/05	02/09/05	02/09/05
Inorganics							
Animony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	2.00 J	2.80 J	1.70 J	3.90	2.40 J	1.90 J	4.00
Barium	21.0	42.0	36.0	41.0	28.0	19.0 B	55.0
Beryllium	0.210 B	0.310 B	0.330 B	0.280 B	0.300 B	0.220 B	0.370 B
Cadmium	0.610	0.770	ND(0.500)	0.910	0.530	0.520	0.940
Chromium	11.0	12.0	10.0	17.0	9.70	8.80	16.0
Cobalt	5.60	7.80	8.30	7.10	7.60	6.60	8.20
Copper	22.0	16.0	10.0	53.0	8.90	8.80	38.0
Cyanide	ND(0.620)	ND(0.640)	ND(0.140)	0.240 B	ND(0.110)	ND(0.110)	0.260
Lead	38.0	16.0	5.40	87.0	6.20	4.20	58.0
Mercury	0.0690 B	0.0810 B	ND(0.140)	0.150	0.0140 B	ND(0.110)	0.160
Nickel	10.0	14.0	13.0	13.0	12.0	13.0	14.0
Selenium	ND(1.00)	ND(1.00)	1.10 J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	9.90	8.20	ND(7.00) J	14.0	13.0	ND(5.70)	15.0
Thallium	2.00 J	2.70 J	ND(1.40)	3.90	2.20 J	2.90 J	3.10 J
Tin	ND(10.0)	ND(10.0)	ND(10.0)	11.0	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	8.00	11.0	11.0	9.70	9.80	7.50	12.0
Zinc	71.0	53.0	52.0	110	43.0	39.0	92.0

TABLE 9
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX(A) INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	W-1-104			W-1-105		
	4C-SB-6	4C-SB-7	4C-SB-7	4C-SB-22	4C-SB-22	4C-SB-22
Parcel ID:						
Sample ID:	4C-SB-6	4C-SB-7	4C-SB-7	4C-SB-22	4C-SB-22	4C-SB-22
Sample Depth (Feet):	10-15	1-3	6-10	0-1	1-2	4-6
Date Collected:	02/09/05	02/14/05	02/14/05	02/17/05	02/17/05	02/17/05
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
1,4-Dichlorobenzene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
2-Methylnaphthalene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Acenaphthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Acenaphthylene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(a)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(a)pyrene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(b)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(k)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(e)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(g)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(i)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(j)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(l)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(m)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(o)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(p)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(q)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(r)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(s)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(t)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(u)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(v)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(w)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(x)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(y)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(z)fluoranthene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Chrysene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,h)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,i)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,j)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,k)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,l)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,m)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,n)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,o)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,p)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,q)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,r)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,s)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,t)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,u)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,v)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,w)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,x)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,y)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenz(a,z)anthracene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Fluoranthene	0.062 J	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Fluorene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Naphthalene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
N-Nitrosopiperidine	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Pentachlorobenzene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Phenanthrene	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Phenol	ND(0.45)	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Pyrene	0.053 J	ND(0.40) J	ND(0.41)	ND(0.42)	ND(0.37)	ND(0.36)
Furans						
2,3,7,8-TCDF	ND(0.0000054)	ND(0.0000084) X	ND(0.0000042)	0.000029 Y	ND(0.0000084)	ND(0.0000061)
TCDFs (total)	ND(0.0000054)	ND(0.0000082)	ND(0.0000042)	0.000011	ND(0.0000084)	ND(0.0000061)
1,2,3,7,8-PeCDF	ND(0.0000062)	ND(0.0000058)	ND(0.0000055)	0.0000098 J	ND(0.0000052)	ND(0.0000052)
2,3,4,7,8-PeCDF	ND(0.0000062)	ND(0.0000058)	ND(0.0000055)	ND(0.000013) #	ND(0.0000052)	ND(0.0000052)
PeCDFs (total)	ND(0.0000062)	ND(0.0000015)	ND(0.0000058)	0.0000077	ND(0.0000052)	ND(0.0000052)
1,2,3,4,7,8-HxCDF	ND(0.0000010)	ND(0.0000098)	ND(0.0000053)	ND(0.0000081)	ND(0.0000052)	ND(0.0000064)
1,2,3,6,7,8-HxCDF	ND(0.0000087)	ND(0.0000086)	ND(0.0000015)	ND(0.0000070)	ND(0.0000052)	ND(0.0000052)
1,2,3,7,8,9-HxCDF	ND(0.0000012)	ND(0.0000012)	ND(0.0000080)	ND(0.0000008)	ND(0.0000081)	ND(0.0000076)
2,3,4,6,7,8-HxCDF	ND(0.0000039)	ND(0.0000058)	ND(0.0000055)	ND(0.0000080)	ND(0.0000052)	ND(0.0000064)
HxCDFs (total)	ND(0.000010)	0.0000035 J	ND(0.0000065)	ND(0.0000081)	ND(0.0000052)	ND(0.0000064)
1,2,3,4,6,7,8-HpCDF	ND(0.0000072)	0.0000037 J	ND(0.0000061)	0.000022 J	ND(0.0000081)	ND(0.0000067)
1,2,3,4,7,8,9-HpCDF	ND(0.0000035)	ND(0.0000089)	ND(0.0000081)	ND(0.0000013)	ND(0.0000011)	ND(0.0000089)
HpCDFs (total)	ND(0.0000082)	0.0000061	ND(0.0000070)	0.0000030 J	ND(0.0000089)	ND(0.0000076)
OCDF	ND(0.000029)	0.0000021 J	ND(0.0000011)	ND(0.0000031) X	ND(0.0000030)	ND(0.0000019)
Dioxins						
2,3,7,8-TCDD	ND(0.0000055)	ND(0.0000054)	ND(0.0000038)	ND(0.0000085)	ND(0.0000084)	ND(0.0000052)
TCDDs (total)	ND(0.0000068)	ND(0.0000054)	ND(0.0000041)	ND(0.0000085)	ND(0.0000084)	ND(0.0000062)
1,2,3,7,8-PeCDD	ND(0.0000062)	ND(0.0000058)	ND(0.0000053)	ND(0.0000092)	ND(0.0000062)	ND(0.0000058)
PeCDDs (total)	ND(0.0000070)	ND(0.0000058)	ND(0.0000067)	ND(0.0000092)	ND(0.0000074)	ND(0.0000066)
1,2,3,4,7,8-HxCDD	ND(0.0000014)	ND(0.0000095)	ND(0.0000068)	ND(0.0000013)	ND(0.0000083)	ND(0.0000013)
1,2,3,6,7,8-HxCDD	ND(0.0000017)	ND(0.0000085)	ND(0.0000061)	ND(0.0000012)	ND(0.0000074)	ND(0.0000093)
1,2,3,7,8,9-HxCDD	ND(0.0000014)	ND(0.0000094)	ND(0.0000067)	ND(0.0000013)	ND(0.0000082)	ND(0.0000010)
HxCDDs (total)	ND(0.0000013)	ND(0.0000091)	ND(0.0000067)	ND(0.0000013)	ND(0.0000080)	ND(0.0000066)
1,2,3,4,6,7,8-HpCDD	ND(0.0000017)	ND(0.0000015) X	ND(0.0000081)	0.0000023 J	ND(0.0000014)	ND(0.0000079)
HpCDDs (total)	ND(0.0000011)	0.0000015 J	ND(0.0000081)	0.0000043 J	ND(0.0000014)	ND(0.0000075)
OCDD	ND(0.000044)	ND(0.000012)	ND(0.0000026) X	0.000013	ND(0.0000020) X	ND(0.0000018)
Total TEQs (WHO TEFs)	0.0000012	0.0000012	0.0000085	0.0000020	0.0000010	0.0000010

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in dry weight parts per million, ppm)

Parcel ID:	16-1-104			16-1-105		
Sample ID:	4C-SB-6	4C-SB-7	4C-SB-7	4C-SB-22	4C-SB-22	4C-SB-22
Sample Depth(Feet):	10-15	1-3	6-10	0-1	1-2	4-6
Parameter:						
Date Collected:	02/09/05	02/14/05	02/14/05	02/17/05	02/17/05	02/17/05
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	4.00	5.30	7.80	5.00	5.60	23.0
Barium	56.0	ND(20.0)	37.0	24.0	29.0	30.0
Beryllium	0.530	0.340 B	0.450 B	0.300 B	0.270 B	0.530
Cadmium	0.660	0.660	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium	14.0	10.0	11.0	11.0	9.40	11.0
Cobalt	10.0	7.60	11.0	8.70	10.0	18.0
Copper	14.0	10.0	18.0	15.0	18.0	20.0
Cyanide	ND(0.270) J	0.0560 B	ND(0.620)	0.250	0.110 B	0.140
Lead	9.10	7.80	7.80	14.0	11.0	10.0
Mercury	ND(0.130)	0.0140 B	ND(0.120)	0.0720 B	0.0270 B	0.0140 B
Nickel	15.0	12.0	20.0	17.0	17.0	49.0
Selenium	ND(1.00) J	ND(1.00)	1.10 J	1.60 J	1.60 J	3.30
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	24.0 J	ND(6.00)	14.0	6.00 B	ND(5.60)	5.10 B
Thallium	3.80 J	3.50 J	ND(1.20)	ND(1.20)	ND(1.10)	1.80
Tin	2.00 B	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	16.0	12.0	8.90	11.0	9.70	9.70
Zinc	62.0	47.0	63.0	47.0	44.0	59.0

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX-3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	16-1-105		16-1-106			
	Sample ID: 4C-SB-29 Sample Depth(Feet): 0-1 Date Collected: 02/17/05	Sample ID: 4C-SB-29 Sample Depth(Feet): 2-4 Date Collected: 02/17/05	Sample ID: 4C-SB-13 Sample Depth(Feet): 0-1 Date Collected: 02/10/05	Sample ID: 4C-SB-13 Sample Depth(Feet): 1-3 Date Collected: 02/10/05	Sample ID: 4C-SB-13 Sample Depth(Feet): 6-10 Date Collected: 02/10/05	Sample ID: 4C-SB-15 Sample Depth(Feet): 3-6 Date Collected: 02/14/05
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
1,4-Dichlorobenzene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
2-Methylnaphthalene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Acenaphthene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Acenaphthylene	ND(0.40)	ND(0.44)	0.16 J	0.19 J	ND(0.46)	ND(0.41)
Anthracene	ND(0.40)	ND(0.44)	0.15 J	0.18 J	ND(0.46)	ND(0.41)
Benzo(a)anthracene	ND(0.40)	ND(0.44)	0.50	0.50 J	ND(0.46)	ND(0.41)
Benzo(a)pyrene	ND(0.40)	ND(0.44)	0.46 J	0.40 J	ND(0.46)	ND(0.41)
Benzo(b)fluoranthene	ND(0.40)	ND(0.44)	0.37 J	0.19 J	ND(0.46)	ND(0.41)
Benzo(g,h,i)perylene	ND(0.40)	ND(0.44)	0.16 J	0.14 J	ND(0.46)	ND(0.41)
Benzo(k)fluoranthene	ND(0.40)	ND(0.44)	0.49 J	0.42 J	ND(0.46)	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.43)	ND(0.49)	ND(0.45) J	ND(0.45)	ND(0.41)
Chrysene	ND(0.40)	ND(0.44)	0.56	0.60 J	ND(0.46)	ND(0.41)
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Dimethylphthalate	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Fluoranthene	ND(0.40)	ND(0.44)	1.0	0.96 J	ND(0.46)	ND(0.41)
Fluorene	ND(0.40)	ND(0.44)	0.058 J	ND(0.46) J	ND(0.46)	ND(0.41)
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Naphthalene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.92) J	ND(0.46)	ND(0.41)
N-Nitrosopiperidine	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Pentachlorobenzene	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46) J	ND(0.46)	ND(0.41)
Phenanthrene	ND(0.40)	ND(0.44)	0.66	0.45 J	ND(0.46)	ND(0.41)
Phenol	ND(0.40)	ND(0.44)	ND(0.49)	ND(0.46)	ND(0.46)	ND(0.41)
Pyrene	ND(0.40)	ND(0.44)	1.1	1.2 J	ND(0.46)	ND(0.41)
Furans						
2,3,7,8-TCDF	0.0000036 Y	ND(0.0000026) X	0.00022 Y	0.000035 Y	ND(0.0000074)	ND(0.0000064)
TCDFs (total)	0.000028	ND(0.0000026)	0.0016 I	0.00032 QI	0.0000074 J	ND(0.0000064)
1,2,3,7,8-PeCDF	0.0000012 J	ND(0.0000064)	0.00017	0.000034	ND(0.0000066)	ND(0.0000058)
2,3,4,7,8-PeCDF	0.0000017 J	ND(0.0000064)	0.00024	0.000046	ND(0.0000066)	ND(0.0000058)
PeCDFs (total)	0.000013	ND(0.0000064)	0.00021 I	0.000044 I	ND(0.0000066)	ND(0.0000058)
1,2,3,4,7,8-HxCDF	ND(0.000010)	ND(0.0000064)	0.00034	0.000092	ND(0.0000066)	ND(0.0000063)
1,2,3,6,7,8-HxCDF	ND(0.0000088)	ND(0.0000064)	0.00015	0.000053	ND(0.0000066)	ND(0.0000058)
1,2,3,7,8,9-HxCDF	ND(0.000012)	ND(0.0000064)	0.000048	ND(0.000014)	ND(0.0000076)	ND(0.0000075)
2,3,4,6,7,8-HxCDF	ND(0.000010)	ND(0.0000064)	0.00013	0.000036	ND(0.0000066)	ND(0.0000063)
HxCDFs (total)	ND(0.000010)	ND(0.0000064)	0.00021	0.00039	ND(0.0000066)	ND(0.0000063)
1,2,3,4,6,7,8-HpCDF	0.0000037 J	ND(0.0000064)	0.0014	0.00044	ND(0.0000066)	ND(0.0000076)
1,2,3,4,7,8,9-HpCDF	ND(0.000012)	ND(0.0000077)	0.00010	0.000025	ND(0.0000077)	ND(0.0000010)
HpCDFs (total)	0.0000059	ND(0.0000066)	0.00026	0.00078	ND(0.0000066)	ND(0.0000087)
OCDF	0.0000032 J	ND(0.0000013)	0.0010	0.00028	ND(0.0000023)	ND(0.0000016)
Dioxins						
2,3,7,8-TCDD	ND(0.0000059)	ND(0.0000026)	0.000041	0.000011 J	ND(0.0000042)	ND(0.0000049)
TCDDs (total)	ND(0.0000059)	ND(0.0000071)	0.000049	0.000064	ND(0.0000061)	ND(0.0000049)
1,2,3,7,8-PeCDD	ND(0.0000088)	ND(0.0000064)	ND(0.000019) X	0.000049 J	ND(0.0000066)	ND(0.0000066)
PeCDDs (total)	ND(0.0000098)	ND(0.0000064)	0.00014	0.000043	ND(0.0000078)	ND(0.0000066)
1,2,3,4,7,8-HxCDD	ND(0.000014)	ND(0.0000064)	0.000015	0.000042 J	ND(0.0000086)	ND(0.0000093)
1,2,3,6,7,8-HxCDD	ND(0.000012)	ND(0.0000064)	0.000040	0.000084	ND(0.0000077)	ND(0.0000083)
1,2,3,7,8,9-HxCDD	ND(0.000014)	ND(0.0000064)	0.000025	0.000058 J	ND(0.0000085)	ND(0.0000092)
HxCDDs (total)	ND(0.000013)	ND(0.0000012)	0.00040	0.00071	ND(0.0000082)	ND(0.0000089)
1,2,3,4,6,7,8-HpCDD	ND(0.000026) X	ND(0.0000071)	0.00058	0.000091	ND(0.0000098)	ND(0.0000013)
HpCDDs (total)	ND(0.000017)	ND(0.0000071)	0.0011	0.00017	ND(0.0000098)	ND(0.0000013)
OCDD	0.000015	0.0000020 J	0.0054	0.00074	ND(0.0000031)	ND(0.0000021)
Total TEQs (WHO TEFs)	0.0000025	0.0000087	0.00026	0.00060	0.0000010	0.0000010

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID: I6-1-105		Parcel ID: I6-1-106			
	Sample ID: 4C-SB-29	4C-SB-29	4C-SB-13	4C-SB-13	4C-SB-13	4C-SB-15
	Sample Depth(Feet): 0-1	2-4	0-1	1-3	6-10	3-6
Data Collected:	02/17/05	02/17/05	02/10/05	02/10/05	02/10/05	02/14/05
Inorganics						
Antimony	ND(6.00)	ND(6.00)	1.70 J	ND(6.00) J	ND(6.00) J	ND(6.00)
Arsenic	5.60	2.20 J	4.40	4.10	1.30	2.20
Barium	18.0 B	39.0	49.0	51.0	25.0	33.0
Beryllium	0.200 B	0.350 B	0.440 B	0.380 B	0.260 B	0.270 B
Cadmium	ND(0.500)	ND(0.500)	0.810	0.730	ND(0.500)	0.520
Chromium	8.80	10.0	23.0	25.0	9.20	9.90
Cobalt	11.0	8.20	8.80	8.60	6.80	7.00
Copper	19.0	8.60	45.0	49.0	8.90	17.0
Cyanide	0.120 B	0.0480 B	0.480	0.390	0.0530 B	0.0350 B
Lead	13.0	5.90	82.0	80.0	4.00	4.30
Mercury	0.0470 B	ND(0.130)	0.330	0.440	ND(0.140)	ND(0.120)
Nickel	20.0	13.0	17.0	15.0	12.0	11.0
Selenium	1.60 J	1.30 J	1.80 J	1.70 J	0.780 J	ND(1.00)
Silver	ND(1.00)	ND(1.00)	1.10 J	0.150 J	ND(1.00) J	ND(1.00)
Sulfide	ND(6.00)	ND(6.50)	12.0	6.60 B	8.70	12.0
Thallium	ND(1.20)	ND(1.30)	ND(1.50)	ND(1.40)	ND(1.40)	2.30 J
Tin	ND(10.0)	ND(10.0)	ND(11.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	8.10	11.0	15.0	10.0	8.60	9.70
Zinc	55.0	55.0	130	120	47.0	52.0

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	16-1-106				
	4C-SB-17	4C-SB-17	4C-SB-19	4C-SB-19	4C-SB-20
	0-1 02/11/05	1-3 02/11/05	0-1 02/16/05	3-6 02/16/05	3-6 02/16/05
Semivolatile Organics					
1,2,4-Trichlorobenzene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
1,4-Dichlorobenzene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
2-Methylnaphthalene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Acenaphthene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Acenaphthylene	R	ND(0.42)	1.5 J	ND(0.42) [ND(0.42)]	R
Anthracene	R	ND(0.42)	0.90 J	ND(0.42) [ND(0.42)]	R
Benzo(a)anthracene	R	ND(0.42)	3.1 J	ND(0.42) [ND(0.42)]	R
Benzo(a)pyrene	R	ND(0.42)	3.2 J	ND(0.42) [ND(0.42)]	R
Benzo(b)fluoranthene	R	ND(0.42)	1.9 J	ND(0.42) [ND(0.42)]	R
Benzo(g,h,i)perylene	R	ND(0.42)	1.6 J	ND(0.42) [ND(0.42)]	R
Benzo(k)fluoranthene	R	ND(0.42)	2.8 J	ND(0.42) [ND(0.42)]	R
bis(2-Ethylhexyl)phthalate	R	ND(0.42)	ND(2.0)	0.36 J [ND(0.41)]	R
Chrysene	R	ND(0.42)	3.2 J	ND(0.42) [ND(0.42)]	R
Dibenzo(a,h)anthracene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Dimethylphthalate	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Fluoranthene	0.073 J	ND(0.42)	4.5	ND(0.42) [ND(0.42)]	R
Fluorene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Indeno(1,2,3-cd)pyrene	R	ND(0.42)	0.72 J	ND(0.42) [ND(0.42)]	R
Naphthalene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
N-Nitrosopiperidine	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Pentachlorobenzene	R	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	R
Phenanthrene	R	ND(0.42)	2.3 J	ND(0.42) [ND(0.42)]	R
Phenol	ND(0.44)	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Pyrene	0.095 J	ND(0.42)	5.4	ND(0.42) [ND(0.42)]	R
Furans					
2,3,7,8-TCDF	0.000015 Y	ND(0.0000074)	0.000030 Y	ND(0.0000084) [ND(0.0000072)]	ND(0.0000059)
TCDFs (total)	0.00011	ND(0.0000074)	0.00026	ND(0.0000084) [ND(0.0000072)]	ND(0.0000059)
1,2,3,7,8-PeCDF	0.0000089	ND(0.0000060)	0.000019	ND(0.0000061) [ND(0.0000064)]	ND(0.0000064)
2,3,4,7,8-PeCDF	0.000014	ND(0.0000060)	0.000036	ND(0.0000061) [ND(0.0000064)]	ND(0.0000064)
PeCDFs (total)	0.000141	ND(0.0000060)	0.000341	ND(0.0000061) [ND(0.0000064)]	ND(0.0000064)
1,2,3,4,7,8-HxCDF	0.000022	ND(0.0000097)	0.000083	ND(0.0000064) [ND(0.000010)]	ND(0.000010)
1,2,3,6,7,8-HxCDF	0.0000093	ND(0.0000084)	0.000026	ND(0.0000061) [ND(0.0000088)]	ND(0.0000088)
1,2,3,7,8,9-HxCDF	0.0000039 J	ND(0.000012)	0.000016	ND(0.0000076) [ND(0.000012)]	ND(0.000012)
2,3,4,6,7,8-HxCDF	0.0000095	ND(0.0000096)	0.000027	ND(0.0000063) [ND(0.000010)]	ND(0.000010)
HxCDFs (total)	0.00016	ND(0.0000097)	0.00051	ND(0.0000064) [ND(0.000010)]	ND(0.000010)
1,2,3,4,6,7,8-HpCDF	0.00011	0.0000091 J	0.00022	ND(0.000010) [ND(0.000016) X]	0.000027 J
1,2,3,4,7,8,9-HpCDF	0.0000084	ND(0.0000095)	0.000049	ND(0.000014) [ND(0.000018)]	ND(0.0000091)
HpCDFs (total)	0.00022	0.0000091 J	0.00049	ND(0.000012) [ND(0.000016)]	0.000049 J
OCDF	0.000086	ND(0.000015)	0.00025	ND(0.000020) [ND(0.000020)]	0.000030 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000082)	ND(0.0000056)	0.000012 J	ND(0.0000073) [ND(0.0000057)]	ND(0.0000044)
TCDDs (total)	0.000011 J	ND(0.0000066)	0.000086	ND(0.0000073) [ND(0.0000057)]	ND(0.0000044)
1,2,3,7,8-PeCDD	ND(0.0000021) X	ND(0.0000060)	ND(0.0000087) X	ND(0.0000076) [ND(0.0000074)]	ND(0.0000064)
PeCDDs (total)	0.000013	ND(0.0000074)	0.000038	ND(0.0000076) [ND(0.0000088)]	ND(0.0000064)
1,2,3,4,7,8-HxCDD	0.0000023 J	ND(0.000011)	0.000011	ND(0.0000090) [ND(0.000012)]	ND(0.000012)
1,2,3,6,7,8-HxCDD	0.0000038 J	ND(0.000010)	0.000017	ND(0.0000080) [ND(0.000011)]	ND(0.000011)
1,2,3,7,8,9-HxCDD	ND(0.0000026) X	ND(0.000011)	0.000015	ND(0.0000089) [ND(0.000012)]	ND(0.000012)
HxCDDs (total)	0.000042	ND(0.000011)	0.00022	ND(0.0000092) [ND(0.000012)]	ND(0.000011)
1,2,3,4,6,7,8-HpCDD	0.000043	ND(0.0000097) X	0.00012	ND(0.000015) [ND(0.000022)]	0.000023 J
HpCDDs (total)	0.00078	ND(0.0000094)	0.00026	ND(0.000015) [ND(0.000022)]	0.000041 J
OCDD	0.00031	0.0000030 J	0.00060	ND(0.000026) [ND(0.000026)]	ND(0.000013)
Total TEQs (WHO TEFs)	0.000017	0.000012	0.000051	0.000012 [0.000013]	0.000012

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+J INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	18-1-105				
	Sample ID: Sample Depth(Feet): Date Collected:	4C-SB-17 0-1 02/11/05	4C-SB-17 1-3 02/11/05	4C-SB-19 0-1 02/16/05	4C-SB-19 3-6 02/16/05	4C-SB-20 1-6 02/16/05
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00) J	ND(6.00) J (ND(6.00) J)	ND(6.00) J
Arsenic		2.50	4.20	2.80 J	2.20 J (2.20 J)	2.50 J
Barium		31.0	26.0	30.0	33.0 (33.0)	40.0
Beryllium		ND(0.50)	ND(0.50)	0.220 B	0.320 B (0.300 B)	0.330 B
Cadmium		0.250 B	0.280 B	0.980	0.800 (0.790)	0.940
Chromium		11.0	7.40	14.0	10.0 (9.70)	10.0
Cobalt		9.70	5.90	5.80	7.50 (7.20)	8.10
Copper		11.0	15.0	47.0	10.0 (10.0)	11.0
Cyanide		0.0800 B	0.0420 B	0.230	0.0420 B (0.0580 B)	0.0530 B
Lead		4.80	29.0	82.0	5.10 (5.10)	5.90
Mercury		0.0560 B	ND(0.130)	0.210	ND(0.120) (ND(0.120))	ND(0.140)
Nickel		14.0	11.0	12.0	13.0 (12.0)	13.0
Selenium		1.10 J	0.930 J	ND(1.00) J	ND(1.00) J (ND(1.00) J)	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.0)	ND(1.0) (ND(1.0))	ND(1.00)
Sulfide		11.0	8.20	5.90 B	ND(6.30) (ND(6.20))	ND(6.90)
Thallium		ND(1.30)	ND(1.30)	2.50 J	2.30 J (2.50 J)	2.80 J
Tin		ND(10.0)	ND(10.0)	17.0	ND(10.0) (ND(10.0))	ND(10.0)
Vanadium		11.0	6.40	7.80	10.0 (9.90)	10.0
Zinc		65.0	76.0	100	66.0 (51.0)	70.0

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	16-1-106			
	Sample ID: Sample Depth(Feet): Date Collected:	4C-SB-21 0-1 02/16/05	4C-SB-21 6-10 02/16/05	4C-SB-23 1-3 02/17/05	4C-SB-23 6-10 02/17/05
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
1,4-Dichlorobenzene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
2-Methylnaphthalene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Acenaphthene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Acenaphthylene		0.082 J	ND(0.45)	1.1 J	ND(0.42)
Anthracene		0.038 J	ND(0.45)	1.0 J	ND(0.42)
Benzo(a)anthracene		0.18 J	ND(0.45)	3.2 J	ND(0.42)
Benzo(a)pyrene		0.18 J	ND(0.45)	3.4 J	ND(0.42)
Benzo(b)fluoranthene		0.10 J	ND(0.45)	2.0 J	ND(0.42)
Benzo(g,h,i)perylene		0.070 J	ND(0.45)	1.3 J	ND(0.42)
Benzo(k)fluoranthene		0.16 J	ND(0.45)	3.1 J	ND(0.42)
bis(2-Ethylhexyl)phthalate		ND(0.45)	ND(0.44)	ND(2.0)	ND(0.42)
Chrysene		0.19 J	ND(0.45)	3.4 J	ND(0.42)
Dibenzo(a,h)anthracene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Dimethylphthalate		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Fluoranthene		0.23 J	ND(0.45)	5.2	ND(0.42)
Fluorene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Indeno(1,2,3-cd)pyrene		0.042 J	ND(0.45)	0.98 J	ND(0.42)
Naphthalene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
N-Nitrosopiperidine		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Pentachlorobenzene		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Phenanthrene		0.086 J	ND(0.45)	2.8 J	ND(0.42)
Phenol		ND(0.45)	ND(0.45)	ND(4.0)	ND(0.42)
Pyrene		0.26 J	ND(0.45)	5.6	ND(0.42)
Furans					
2,3,7,8-TCDF		0.000013 Y	ND(0.00000057)	0.000048 Y	ND(0.00000068)
TCDFs (total)		0.00011	ND(0.00000057)	0.00033 Q	ND(0.00000068)
1,2,3,7,8-PeCDF		0.0000092	ND(0.00000069)	0.000034	ND(0.00000060)
2,3,4,7,8-PeCDF		0.000016	ND(0.00000069)	0.000054	ND(0.00000060)
PeCDFs (total)		0.00011	ND(0.00000069)	0.00054	ND(0.00000060)
1,2,3,4,7,8-HxCDF		0.000023	ND(0.00000070)	0.000090	ND(0.00000069)
1,2,3,6,7,8-HxCDF		0.000011	ND(0.00000069)	0.000035	ND(0.00000060)
1,2,3,7,8,9-HxCDF		0.0000037 J	ND(0.00000083)	0.000015	ND(0.00000082)
2,3,4,6,7,8-HxCDF		0.000012	ND(0.00000069)	0.000042	ND(0.00000069)
HxCDFs (total)		0.000056	ND(0.00000070)	0.00069	ND(0.00000069)
1,2,3,4,6,7,8-HpCDF		0.00012	ND(0.00000078)	0.00037	ND(0.00000069)
1,2,3,4,7,8,9-HpCDF		0.0000076	ND(0.0000010)	0.000043	ND(0.00000091)
HpCDFs (total)		0.00022	ND(0.00000089)	0.00073	ND(0.00000078)
OCDF		0.000082	ND(0.0000014)	0.00026	ND(0.0000026)
Dioxins					
2,3,7,8-TCDD		0.0000019 J	ND(0.00000048)	0.000023	ND(0.00000048)
TCDDs (total)		0.0000041	ND(0.00000048)	0.00017	ND(0.00000048)
1,2,3,7,8-PeCDD		ND(0.0000063) X	ND(0.00000069)	0.000010	ND(0.00000060)
PeCDDs (total)		0.000020	ND(0.0000012)	0.000093	ND(0.00000060)
1,2,3,4,7,8-HxCDD		ND(0.0000031) X	ND(0.0000012)	0.0000099	ND(0.0000010)
1,2,3,6,7,8-HxCDD		0.0000054 J	ND(0.0000011)	0.000016	ND(0.00000093)
1,2,3,7,8,9-HxCDD		0.0000045 J	ND(0.0000012)	0.000015	ND(0.0000010)
HxCDDs (total)		0.000037	ND(0.0000011)	0.00024	ND(0.0000010)
1,2,3,4,6,7,8-HpCDD		0.000044	ND(0.0000011)	0.00018	ND(0.00000091)
HpCDDs (total)		0.000083	ND(0.0000011)	0.00036	ND(0.00000091)
OCDD		0.00033	ND(0.0000026)	0.0014	ND(0.0000035)
Total TEQs (WHO TEFs)		0.000023	0.0000011	0.000074	0.0000010

TABLE 8
RESULTS OF JANUARY AND FEBRUARY 2005 APPENDIX IX+3 INVESTIGATIONS - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	16-1-106			
	Sample ID: Sample Depth(Feet): Date Collected:	4C-SB-21 0-1 02/16/05	4C-SB-21 6-10 02/16/05	4C-SB-23 1-3 02/17/05	4C-SB-23 6-10 02/17/05
Inorganics					
Antimony		ND(6.00) J	ND(6.00)	ND(6.00)	ND(6.50)
Arsenic		3.10	2.40 J	3.50	1.60
Barium		45.0	24.0	29.0	15.0 B
Beryllium		0.330 B	0.280 B	0.190 B	0.180 B
Cadmium		0.930	ND(0.500)	0.290 B	ND(0.500)
Chromium		14.0	10.0	16.0	9.60
Cobalt		7.70	8.70	7.00	10.0
Copper		20.0	11.0	37.0	8.60
Cyanide		0.190	ND(0.130)	0.160	ND(0.130)
Lead		24.0	5.80	60.0	3.80
Mercury		0.0910 B	ND(0.130)	0.200	ND(0.130)
Nickel		14.0	16.0	12.0	18.0
Selenium		ND(1.00) J	ND(1.00) J	1.50 J	1.00 J
Silver		ND(1.0)	ND(1.00)	0.120 B	ND(1.00)
Sulfide		8.70	ND(6.70)	ND(6.00)	12.0
Thallium		3.00 J	ND(1.30)	ND(1.20)	ND(1.30)
Tin		ND(10.0)	ND(10.0)	18.0	ND(10.0)
Vanadium		10.0	9.60	8.10	8.00
Zinc		76.0	65.0	87.0	68.0

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (semivolatiles, dioxin/furans)

- E - Analyte exceeded calibration range.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates that the associated numerical value is an estimated concentration.
- Q - Indicates the presence of quantitative interferences.
- R - Data was rejected due to a deficiency in the data generation process.
- X - Estimated maximum possible 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 PQL.
- J - Indicates that the associated numerical value is an estimated concentration.

TABLE 9
EXISTING EPA APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Location ID: Sample ID: Sample Depth (Feet): Parameter Date Collected:	I6-1-62			I6-1-103
	F0220404 H2-F0220404-0-0000 0-0.5 11/19/98	F0220407 H2-F0220407-0-0000 0-0.5 11/19/98	F0220606 H2-F0220606-0-0000 0-0.5 11/18/98	RB021986 H2-RB021986-0-0000 0-0.5 10/28/98
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.071 J [0.078 J]	0.025 J	0.053 J	0.043 J
1,4-Dichlorobenzene	0.086 J [0.074 J]	0.025 J	0.038 J	0.046 J
2-Methylnaphthalene	0.19 J [0.20 J]	ND(0.42)	0.024 J	0.037 J
2-Methylphenol	0.020 J [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.41)
4-Methylphenol	0.032 J [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.41)
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	R
Acenaphthene	0.066 J [0.066 J]	0.020 J	0.028 J	0.027 J
Acenaphthylene	0.15 J [0.41 J]	0.045 J	0.056 J	0.024 J
Anthracene	0.22 J [0.27 J]	0.043 J	0.088 J	0.074 J
Benzo(a)anthracene	1.2 [1.4]	0.40 J	0.33 J	0.42
Benzo(a)pyrene	1.4 J [1.3]	0.40 J	0.30 J	0.44 J
Benzo(b)fluoranthene	0.93 [1.3]	0.37 J	0.25 J	0.42
Benzo(g,h,i)perylene	1.4 J [1.4]	0.36 J	0.16 J	0.27 J
Benzo(k)fluoranthene	1.2 J [1.1]	0.52	0.36 J	0.39 J
bis(2-Ethylhexyl)phthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	0.036 J
Chrysene	1.4 [1.3]	0.51	0.35 J	0.46
Dibenzo(a,h)anthracene	0.39 J [0.39 J]	0.074 J	ND(0.37)	0.10 J
Dibenzofuran	0.048 J [0.058 J]	ND(0.42)	0.021 J	0.024 J
Diethylphthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	0.021 J
Di-n-Butylphthalate	ND(0.44) [ND(0.44)]	ND(0.42)	ND(0.37)	ND(0.41)
Fluoranthene	1.8 [1.6]	0.56	0.55 J	0.70 J
Fluorene	0.072 J [0.076 J]	0.026 J	0.041 J	0.042 J
Indeno(1,2,3-cd)pyrene	1.2 J [0.94]	0.34 J	0.14 J	0.26 J
Naphthalene	0.38 J [0.35 J]	0.13 J	0.067 J	0.075 J
Pentachlorobenzene	ND(0.44) [ND(0.44)]	ND(0.42)	0.031 J	0.057 J
Phenanthrene	0.82 [0.82]	0.29 J	0.36 J	0.41
Phenol	0.072 J [0.084 J]	0.021 J	ND(0.37)	ND(0.41)
Pyrene	2.2 [2.5]	0.68	0.55	0.90 J
Organochlorine Pesticides				
4,4'-DDE	ND(0.45) [ND(0.91)]	ND(0.22)	ND(0.76)	ND(0.84)
Dieldrin	R [ND(0.91)]	ND(0.22)	ND(0.76)	ND(0.84)
Kepone	R [R]	R	R	R
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	--	--	--	--
Furans				
2,3,7,8-TCDF	0.000080 [0.000090]	0.000022	0.000076	0.000060
TCDFs (total)	0.0028 J [0.0039 J]	0.00094 J	0.00055 J	0.00042 J
1,2,3,7,8-PeCDF	0.000061 [0.000078 J]	0.000021 J	0.000037	0.000038
2,3,4,7,8-PeCDF	0.000073 [0.000086]	0.000020	0.000062	0.000055
PeCDFs (total)	0.0049 J [0.0060 J]	0.0016 J	0.00063 J	0.00049 J
1,2,3,4,7,8-HxCDF	0.00011 [0.00013]	0.000035	0.000054	0.000057
1,2,3,6,7,8-HxCDF	0.000044 [0.000042]	0.000050 J	0.000022	0.000026
1,2,3,7,8,9-HxCDF	0.000017 [0.000019]	0.0000054	0.0000084	0.0000095
2,3,4,6,7,8-HxCDF	0.000035 [0.000040]	0.0000073 J	0.000023 J	0.000023
HxCDFs (total)	0.0044 J [0.0042 J]	0.0023 J	0.00037 J	0.00042 J
1,2,3,4,6,7,8-HpCDF	0.00097 J [0.00091 J]	0.00014	0.000098 J	0.00026 J
1,2,3,4,7,8,9-HpCDF	0.000046 [0.000057]	0.000013	0.000017	0.000019
HpCDFs (total)	0.0018 J [0.0017 J]	0.00024	0.00021 J	0.00051 J
OCDF	0.00049 [0.00056]	0.000081	0.00016	0.00026

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

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	Parcel ID:	16-1-62		16-1-103
	Location ID:	F0220404	F0220407	R0021966
Sample ID:		H2-F0220404-0-0000	H2-F0220407-0-0000	H2-R0021966-0-0000
Sample Depth(Feet):		0-0.5	0-0.5	0-0.5
Date Collected:		11/19/98	11/19/98	10/28/98
Organics				
2,3,7,8-TCDF		0.000019 [0.000021]	0.0000054	0.0000087
TCDFs (total)		0.000029 [0.000042]	0.000011	0.0000087
1,2,3,7,8-PeCDD		0.0000085 [0.0000091]	0.0000020	0.0000013
PeCDDs (total)		0.000082 [0.00011]	0.000026	0.000010
1,2,3,4,7,8-HxCDD		0.0000090 [0.000012]	0.0000024	0.0000012
HxCDDs (total)		0.000017 [0.000022]	0.0000050	0.0000034
1,2,3,7,8-HxCDD		0.0000095 [0.000013]	0.0000035	0.0000018
HxCDDs (total)		0.00021 [0.00027]	0.000074	0.000033
1,2,3,4,6,7,8-HpCDD		0.00016 [0.00024]	0.000045	0.000059
HpCDDs (total)		0.00034 [0.00045]	0.000092	0.00010
OCDF		0.0012 [0.0017]	0.00031	0.00054
Total TCDFs (WHO TEFs)		0.000094 [0.00011]	0.000029	0.000056
Inorganics				
Arsenic		ND(0.850) [1.30]	ND(0.710)	0.500
Barium		4.00 [5.00]	4.50	1.60
Beryllium		51.0 [53.0]	54.3	24.0
Bismuth		0.280 [0.290]	0.340	ND(0.0300)
Chromium		22.9 [21.5]	15.7	23.9
Cobalt		8.70 [8.50]	10.1	8.10
Copper		61.8 [59.7]	35.3	22.5
Lead		108 [102]	56.9	72.2
Mercury		0.220 [0.230]	0.110	ND(0.0200)
Nickel		13.6 [13.4]	13.7	16.5
Selenium		0.340 [ND(0.280)]	ND(0.270)	ND(0.450)
Silver		ND(0.330) [ND(0.410)]	ND(0.210)	ND(0.120)
Sulfide		ND(6.50) [ND(6.50)]	ND(6.30)	ND(5.50)
Tantalum		ND(0.550) [ND(0.600)]	ND(0.600)	ND(0.510)
Tin		12.1 [11.0]	ND(6.60)	ND(1.70)
Vanadium		13.8 [13.8]	14.8	8.50
Zinc		143 [142]	104	59.1

TABLE 9
EXISTING EPA APPENDIX IX-3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	IS-1-106			
	F0321005 H2-F0321005-0-0020 2-2.5 11/18/98	F0330004 H3-F0330004-0-0000 0-0.5 01/28/99	F0330004 H3-F0330004-0-0010 1-1.5 01/28/99	F0331006 H3-F0331006-0-0010 1-1.5 01/28/99
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.38)	0.031 J	NA	ND(0.43)
1,4-Dichlorobenzene	ND(0.38)	0.040 J	NA	ND(0.43)
2-Methylnaphthalene	0.026 J	0.052 J	NA	ND(0.43)
2-Methylphenol	ND(0.38)	ND(0.39) J	NA	ND(0.43) J
4-Methylphenol	ND(0.38)	ND(0.39) J	NA	ND(0.43)
4-Nitroquinoline-1-oxide	R	ND(0.38)	NA	ND(0.43)
4-Phenylenediamine	ND(0.38) J	R	NA	R
Acenaphthene	ND(0.38)	0.046 J	NA	ND(0.43) J
Acenaphthylene	0.067 J	0.055 J	NA	ND(0.43) J
Anthracene	0.049 J	0.15 J	NA	ND(0.43) J
Benzo(a)anthracene	0.21 J	0.61 J	NA	0.020 J
Benzo(a)pyrene	0.24 J	0.54 J	NA	0.020 J
Benzo(b)fluoranthene	0.15 J	0.47	NA	0.022 J
Benzo(g,h,i)perylene	0.14 J	0.21 J	NA	ND(0.43)
Benzo(k)fluoranthene	0.24 J	0.62	NA	0.021 J
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.39)	NA	ND(0.43)
Chrysene	0.23 J	0.64	NA	0.023 J
Dibenz(a,h)anthracene	ND(0.38)	0.093 J	NA	ND(0.43)
Dibenzofuran	ND(0.38)	0.038 J	NA	ND(0.43) J
Diethylphthalate	ND(0.38)	ND(0.38)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.38)	ND(0.38)	NA	0.027 J
Fluoranthene	0.26 J	0.92 J	NA	ND(0.43) J
Fluorene	0.021 J	0.069 J	NA	ND(0.43)
Indeno(1,2,3-cd)pyrene	0.11 J	0.30 J	NA	0.022 J
Naphthalene	0.046 J	0.11 J	NA	ND(0.43) J
Pentachlorobenzene	ND(0.38)	0.024 J	NA	ND(0.43)
Phenanthrene	0.13 J	0.72 J	NA	ND(0.43) J
Phenol	ND(0.38)	ND(0.39)	NA	ND(0.43)
Pyrene	0.35 J	0.88	NA	0.026 J
Organochlorine Pesticides				
4,4'-DDE	ND(0.079)	ND(0.80)	NA	0.0047
Dieldrin	ND(0.079)	ND(0.80)	NA	R
Kepon	R	R	NA	R
Organophosphate Pesticides				
None Detected	-	NA	NA	-
Herbicides				
None Detected	-	-	NA	-
Furans				
2,3,7,8-TCDF	0.000051	NA	0.000061	0.000026
TCDFs (total)	0.000051 J	NA	0.000033	0.000016
1,2,3,7,8-PeCDF	0.0000022	NA	0.000043	0.000015
2,3,4,7,8-PeCDF	0.0000042	NA	0.000053	0.000020
PeCDFs (total)	0.0000064	NA	0.000049	0.000011
1,2,3,4,7,8-HxCDF	0.0000057	NA	0.000063	0.000027
1,2,3,6,7,8-HxCDF	0.0000019	NA	0.000032	0.000013
1,2,3,7,8,9-HxCDF	0.0000010	NA	0.000082	ND(0.0000044)
2,3,4,6,7,8-HxCDF	0.0000018 J	NA	0.000024	0.000013
HxCDFs (total)	0.0000084	NA	0.000035 J	0.000022
1,2,3,4,6,7,8,9-HpCDF	0.000018 J	NA	0.00017	0.000017
1,2,3,4,7,8,9-HpCDF	0.0000025	NA	0.000021	0.0000092
HpCDFs (total)	0.000020 J	NA	0.00026	0.000030
OCDF	0.000011	NA	0.00020	0.000010

TABLE 9
EXISTING EPA APPENDIX IX+3 SOIL DATA - GROUP 4C

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL 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	16-1-106			
	Parcel ID: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	F0321005 H2-F0321005-0-0020 2-2.5 11/18/98	F0330004 H3-F0330004-0-0000 0-0.5 01/28/99	F0330004 H3-F0330004-0-0010 1-1.5 01/28/99
Dioxins				
2,3,7,8-TCDD	0.0000068	NA	0.0000094	ND(0.0000012)
TCDDs (total)	0.0000019	NA	0.0000038	ND(0.0000012)
1,2,3,7,8-PeCDD	0.0000047 J	NA	0.0000020	0.0000025
PeCDDs (total)	0.0000041 J	NA	0.000014	ND(0.0000012)
1,2,3,4,7,8-HxCDD	0.0000044 J	NA	0.0000017	0.0000024
1,2,3,6,7,8-HxCDD	0.0000073	NA	0.0000046	0.0000058
1,2,3,7,8,9-HxCDD	0.0000051 J	NA	0.0000026	0.0000034
HxCDDs (total)	0.0000097	NA	0.000041	0.0000054
1,2,3,4,6,7,8-HpCDD	0.0000077	NA	0.000090	0.0000070
HpCDDs (total)	0.000015	NA	0.00016	0.000013
OCDD	0.000067	NA	0.00092	0.000049
Total TEQs (WHO TEFs)	0.000054	NA	0.000055	0.000025
Inorganics				
Antimony	ND(0.660)	ND(0.320)	NA	ND(0.490)
Arsenic	2.90	2.20	NA	2.10
Barium	32.2	19.7 J	NA	21.1
Beryllium	ND(0.170)	0.250 J	NA	0.0500 J
Chromium	10.0	10.8	NA	8.30
Cobalt	8.10	5.50	NA	7.20
Copper	13.0 J	18.4	NA	9.80
Lead	11.8	29.9	NA	7.20
Mercury	ND(0.0200)	0.0600	NA	0.0300
Nickel	12.9	9.90	NA	11.0
Selenium	ND(0.500) J	ND(0.370)	NA	ND(0.440)
Silver	ND(0.130)	0.170 J	NA	ND(0.120) J
Sulfide	ND(5.70)	6.80	NA	ND(6.30)
Thallium	ND(0.560)	1.40	NA	0.520
Tin	ND(1.40)	ND(2.20)	NA	ND(1.20)
Vanadium	10.1	9.10	NA	9.20
Zinc	53.5	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. NA - Not Analyzed.
4. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
5. 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.
6. - Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (semivolatiles, pesticides, herbicides, dioxin/furans)

- J - Estimated Value.
- R - Rejected.

Inorganics

- J - Estimated Value.

**TABLE 10
PROPOSED "X" VALUES FOR RD/RA EVALUATION AND ASSOCIATED RATIONALE**

**PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1.17 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

PARCEL ID	PROPOSED "X" DEPTH FOR RD/RA EVALUATION (ft. bgs)	SUPPORTING RATIONALE
GROUP 4A		
17-1-2 (Residential)	Not Applicable	This evaluation area will not be subject to RD/RA evaluations because PCBs were not detected in any sample.
17-1-5 (Recreational)	3	All nine soil boring locations (i.e., locations sampled deeper than 2 feet) within this evaluation area extend to a depth of at least 2.5 feet. Sample results within the 2- to 3-foot depth increment range from non-detect to 93 ppm. One PCB analytical result exists below 3 feet within this evaluation area. PCBs were not detected in the 3- to 6-foot sample collected at location 4A-SB-9.
17-1-101-East (Recreational)	6	16 of 38 soil boring locations (i.e., locations sampled deeper than 2 feet) within this evaluation area extend to a depth of at least 5.5 feet. Sample results within the 4- to 6-foot depth increment range from non-detect to 24.7 ppm (detected along the riverbank). 4 PCB analytical results exist below 6 feet within this evaluation area. PCBs were detected in 2 of these samples at a maximum concentration of 0.53 ppm. GE does not believe that these results warrant extending "X" below 6 feet.
17-1-101-West (Recreational)	3	All 32 soil boring locations (i.e., locations sampled deeper than 2 feet) within this evaluation area extend to a depth of at least 2.5 feet. Sample results within the 1- to 3-foot depth increment range from non-detect to 64 ppm. 18 PCB analytical results exist below 3 feet within this evaluation area. PCBs were detected in 5 of these samples at a maximum concentration of 0.411 ppm. GE does not believe that these results warrant extending "X" below 3 feet.
GROUP 4B		
16-1-66-East (Residential)	Not Applicable	This evaluation area will not be subject to RD/RA evaluations because PCBs were not detected above 0.6 ppm.
16-1-66-West (Residential)	5	5 of 24 soil boring locations within this evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 4.5 feet. Sample results within the 4- to 5-foot depth increment range from non-detect to 4.04 ppm. Five PCB analytical results exist below 5 feet within this evaluation area. PCBs were detected in one of these samples at a concentration of 1.89 ppm. GE does not believe this result warrants an extension of "X" below 5 feet.
16-1-67-East (Residential)	Not Applicable	This evaluation area will not be subject to RD/RA evaluations because PCBs were not detected above 0.658 ppm (estimated value).
16-1-67-West (Residential)	3	All 11 soil boring locations within this evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 2.5 feet. Sample results within the 2- to 3-foot depth increment range from non-detect to 21.6 ppm. Six PCB analytical results exist below 3 feet within this evaluation area. PCBs were not detected in any of these samples.

TABLE 10
 PROPOSED "X" VALUES FOR RD/RA EVALUATION AND ASSOCIATED RATIONALE

PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
 FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PARCEL ID	PROPOSED "X" DEPTH FOR RD/RA EVALUATION (ft. bgs)	SUPPORTING RATIONALE
GROUP 4C		
18-1-82 (Recreational)	3	<p>All 11 soil boring locations within the evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 2.5 feet. Sample results within the 2- to 3-foot depth increment range from non-detect to 3.4 ppm.</p> <p>Six PCB analytical results exist below 3 feet within this evaluation area. PCBs were detected in 2 samples at concentrations of 0.163 ppm (0.148 ppm in duplicate sample) and 0.051 ppm. GE does not believe that these detections warrant an extension of "X" below 3 feet.</p>
18-1-102 (Residential)	1	<p>PCBs were detected at a maximum concentration of 3.8 ppm in the 0- to 1-foot depth increment within the evaluation area.</p> <p>Seven PCB analytical results exist below 1 foot within this evaluation area. PCBs were detected in four samples at a maximum concentration of 0.6 ppm. GE does not believe that these results warrant extending "X" below 1 foot.</p>
18-1-103 (Recreational)	10	<p>3 of 8 soil boring locations within the evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 10 feet. Sample results within the 8- to 10-foot depth increment range from non-detect to 60.0 ppm.</p> <p>Three PCB analytical results exist below 10 feet within this evaluation area. PCBs were detected in one sample at a concentration of 1.7 ppm. GE does not believe that this result warrants an extension of "X" below 10 feet.</p>
18-1-104 (Recreational)	8	<p>5 of 13 soil boring locations within this evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 5.5 feet. Sample results within the 5- to 6-foot depth increment range from non-detect to 12.0 ppm.</p> <p>Ten PCB analytical results exist below 6 feet within this evaluation area. PCBs were detected in one sample at a concentration of 0.3 ppm. GE does not believe that this result warrants an extension of "X" below 6 feet.</p>
18-1-105 (Residential)	1	<p>PCBs were detected at a maximum concentration of 25 ppm in the 0- to 1-foot depth increment within this evaluation area.</p> <p>Six PCB analytical results exist below 1 foot within this evaluation area. PCBs were detected in one sample at an estimated concentration of 0.020 ppm. GE does not believe that this result warrants extending "X" below 1 foot.</p>
18-1-108 (Recreational)	3	<p>All 25 soil boring locations within this evaluation area (i.e., locations sampled deeper than 2 feet) extend to a depth of at least 2.5 feet. Sample results within the 2- to 3-foot depth increment range from non-detect to 103 ppm.</p> <p>28 PCB analytical results exist below 3 feet within this evaluation area. PCBs were detected in nine samples at a maximum concentration of 1.29 ppm. GE does not believe that these results warrant an extension of "X" below 3 feet.</p>

TABLE 11
 PROPOSED APPENDIX IX+J SAMPLES BY DEPTH - GROUP 4A

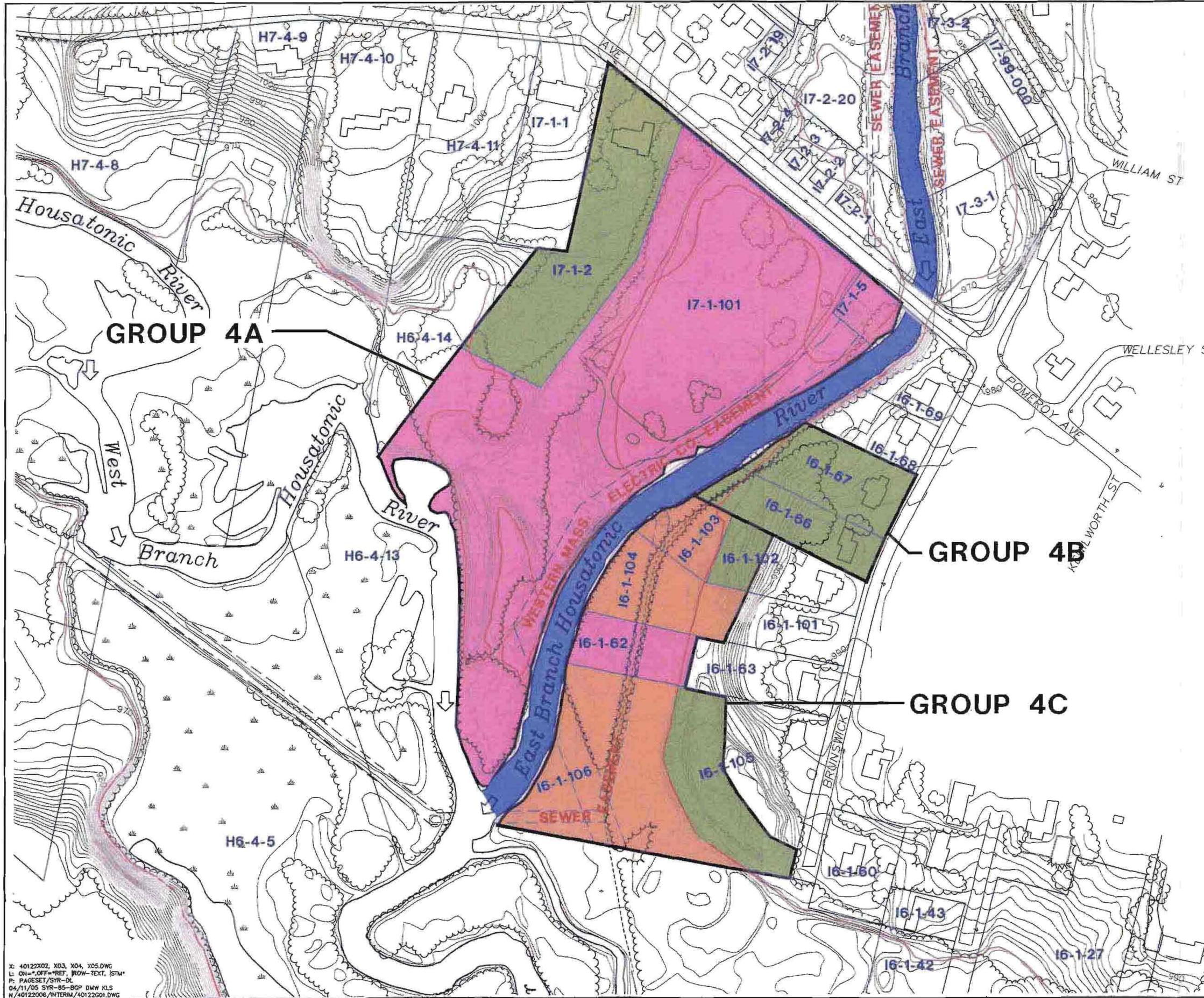
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
 FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
 GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

SAMPLE ID	ANALYSIS	DEPTH INCREMENT (FEET)	
		0-1	1-3
4A-SB-1E	SVOCs	--	X
4A-SB-5N	SVOCs	--	X
4A-SB-5S	SVOCs	--	X
4A-SB-5W	SVOCs	--	X
4A-SS-8E	Arsenic	X	--
4A-SS-8N	Arsenic	X	--
4A-SS-8W	Arsenic	X	--
4A-SS-16E	SVOCs	X	--
4A-SS-16N	SVOCs	X	--
4A-SS-16S	SVOCs	X	--
4A-SS-16W	SVOCs	X	--

Notes:

1. X - Indicates proposed sampling depth
2. -- = No sample proposed for collection
3. Proposed sample locations are shown on Figure 3

Figures



- LEGEND:**
- EDGE OF WATER
 - PAVED ROADWAY
 - - - UNPAVED ROADWAY OR TRAIL
 - 10-YEAR FLOODPLAIN BOUNDARY
 - VEGETATION
 - PROPERTY BOUNDARY
 - 17-1-1 PROPERTY ID
 - 1 1/2 MILE REACH
 - RESIDENTIAL PROPERTY - ACTUAL/POTENTIAL LAWN AREA (AS DEFINED IN SOW)
 - NON-GE-OWNED RECREATIONAL PROPERTY - NON-BANK AREA
 - GE-OWNED RECREATIONAL PROPERTY - NON-BANK AREA

- NOTES:**
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.
 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.



GENERAL ELECTRIC COMPANY
 PRE-DESIGN INVESTIGATION REPORT FOR
 PHASE 4 FLOODPLAIN PROPERTIES

**PHASE 4, GROUP 4A THROUGH 4C
 FLOODPLAIN PROPERTIES**



X: 40122002, X03, X04, X05.DWG
 L: ON-OFF=REF, ROW-TEXT, ISTW
 P: PAGESET/SYR-D
 04/11/05 SYR-B5-BGP DMW KLS
 N/40122006/INTERM/40122001.DWG

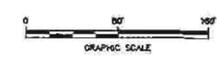
SUMMARY OF PRIOR PCB SOIL SAMPLE RESULTS
 (RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
 (SAMPLE INCREMENTS IN FEET BELOW GROUND SURFACE)

Location ID	0-0.08	0-0.5	0-1	0.5-1	1-1.5	1-2	1.5-2	2-2.5	2-3	3-3.5	3.5-4	4-4.5	4.5-5	5-5.5
BS000353		0.042								ND(0.018)				
BS000354		0.37								0.01				
BS000355		0.56 J								ND(0.018)				
BS000356		ND(0.018)								ND(0.018)				
BS000357		0.84								0.08				
BW-0001		4.13												
BW-0002		69												
BW-0003		21												
BW-0004		48												
BW-0005		8.18												
BW-0006		13												
BW-0007		9.08												
BW-0008		13												
BW-0009		24												
BW-0010		19												
BW-0011		24												
BW-0012		66												
BW-0013		36												
BW-0014		47												
BW-0015		12												
BW-0016		1.6 [1.7]								0.83				
BW-0017		45.4								0.797				
BW-0018		30.9								0.491 J				
BW-0019		ND(0.58)								ND(0.52)				
BW-0020		0.543 J								ND(0.58)				
BW-0021		0.889								ND(0.59)				
BW-0022		4.7 J								ND(0.78)				
BW-0023		2.41								ND(0.57)				
BW-0024		4.21								ND(0.56)				
BW-0025		5.53								0.931				
BW-0026		2.1 J												
BW-0027		ND(0.61)								ND(0.58)				
BW-0028		ND(0.59)								ND(0.56)				
BW-0029		4.58 J								ND(0.57)				
BW-0030		0.465 J												
BW-0031		2.17												
BW-0032		4.81 J												
BW-0033		6.75												
BW-0034		74.4 [71.5]								0.963				
BW-0035		ND(0.56)												
BW-0036		1.11												
BW-0037		0.925								ND(0.64)				
BW-0038		7.7 J								ND(0.55)				
BW-0039		5.37 J [5.7]								ND(0.61)				
BW-0040		3.3 J								ND(0.57)				
BW-0041		6.63 J								3.45 J				
BW-0042		3.11 J								0.632				
BW-0043		1.14 J								ND(0.56)				
BW-0044		1.87								1.87				
BW-0045		8.45								0.704				
BW-0046		0.805								ND(0.55)				
BW-0047		ND(0.63)								ND(0.58)				
BW-0048		ND(0.61)								ND(0.57)				
BW-0049		0.32 J								ND(0.67)				
BW-0050		ND(0.61)								ND(0.53)				
BW-0051		ND(0.56)								ND(0.53)				
BW-0052		ND(0.55)								ND(0.54)				
BW-0053		ND(0.56)								ND(0.54)				
BW-0054		1.02								ND(0.52)				
BW-0055		ND(0.61)								ND(0.53)				
BW-0056		1.8								ND(0.57)				
BW-0057		0.588 J								2.68				
BW-0058		4.75								ND(0.72)				
BW-0059		18.8 J								1.13				
BW-0060		5.11								60 J				
BW-0061		16.2 J								0.435 J				
BW-0062		5.17 [5.14]								423				
BW-0063		11.8								8.48				
BW-0064		46												
BW-0065		22.7 [22.8]								ND(0.50)				
BW-0066		ND(0.50)								ND(0.50)				
BW-0067		ND(0.50)								ND(0.50)				
BW-0068		ND(0.50)								ND(0.50)				
BW-0069		ND(0.50)								ND(0.50)				
BW-0070		3.7 [4.3]								3.5				
BW-0071		3.5								3.8				
BW-0072		3.2								23				
BW-0073		ND(0.50)								ND(0.50)				
BW-0074		ND(0.50)								ND(0.50)				
BW-0075		ND(0.50)								ND(0.50)				
BW-0076		ND(0.50)								ND(0.50)				
BW-0077		ND(0.50)								ND(0.50)				
BW-0078		15 [17]								35 J				
BW-0079		13								8.3				
BW-0080		ND(0.50)								ND(0.50)				
BW-0081		1.8								9.4 J				
BW-0082		0.30 J								ND(0.70)				
BW-0083		12								2.3 J				
BW-0084		28 J								130				
BW-0085		61 [11]								20				
BW-0086		0.60								7.8				
BW-0087		ND(0.50)								ND(0.50)				
BW-0088		ND(0.50)								ND(0.50)				
BW-0089		7.9								6.9				
BW-0090		1.3								140 J				
BW-0091		5.9								3.8 J [6.5]				
BW-0092		0.20 J								ND(0.50)				
BW-0093		0.20 J [0.57]								78 J				
BW-0094		0.20 J								ND(0.50)				
BW-0095		0.20 J								ND(0.50)				
BW-0096		1.2								1.5 [1.6] [1.4]				
BW-0097		20								8.2				
BW-0098		13								5.9				
BW-0099		20.3 J [14.8 J]								77.9 J				
BW-0100		111 J								42.3 J				
BW-0101		7.45 J								24.1 J				
BW-0102		34.3 J								4.48 J				
BW-0103		437 J								54.2 J				
BW-0104		63.7 J								0.679 J				
BW-0105		ND(0.60)								6.93 J				
BW-0106		28.3 J								15.3 J				
BW-0107		188 J								188 J				
BW-0108		1.79 J								26.7 J [18.1 J]				
BW-0109		3.8 J								1.9 J				
BW-0110		8.54 J								10.2 J				
BW-0111		1.79 J								18.8 J				
BW-0112		242 J								13.2 J				
BW-0113		4.75 J								13 J				
BW-0114		84.1 J								3.0 J				
BW-0115		109 J								2.82 J				
BW-0116		3.91								31.7 J				
BW-0117		47.1								0.881 J				
BW-0118		3.54								47.8 J				
BW-0119		3.97								33.2 J				
BW-0120		48.4												
BW-0121		6.09								6.02 J				
BW-0122		5.13								2.55 [2.99]				
BW-0123		ND(0.56)								0.991				
BW-0124		ND(0.58)								0.52				
BW-0125		ND(0.53)								0.89				
BW-0126		ND(0.61)								0.334 J [0.411 J]				
BW-0127		ND(0.56)								ND(0.50)				
BW-0128		214								0.332 J				
BW-0129		117								0.285 J				
BW-0130		61.5												
BW-0131		44.2 [51.5]								ND(0.62)				
BW-0132		36.3								1.13				
BW-0133		112								0.737 J				
BW-0134		11.9								ND(0.69) [ND(0.69)]				
BW-0135		8.48								149 J				
BW-0136		9.33								22.4 J				
BW-0137		ND(0.72)								6.53				
BW-0138		13.3								ND(0.62)				
BW-0139		7.65								14.2				
BW-0140		10.1 J [121 J]								63.6				
BW-0141		14.4												



- LEGEND**
- 970— TOPOGRAPHIC CONTOUR
 - - - - - APPROXIMATE PARCEL BOUNDARY
 - - - - - 10-YEAR FLOODPLAIN BOUNDARY
 - APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
 - 17-1-2 RESIDENTIAL PROPERTY PARCEL ID
 - 17-1-5 NON-RESIDENTIAL PROPERTY PARCEL ID
 - F0219203 PRIOR APPENDIX IX+3 SOIL BORING LOCATION
 - 4A-SS-16N PROPOSED APPENDIX IX+3 SURFACE SOIL SAMPLE LOCATION
 - 4A-SS-16W PROPOSED APPENDIX IX+3 SURFACE SOIL SAMPLE LOCATION
 - 4A-SS-16E PROPOSED APPENDIX IX+3 SURFACE SOIL SAMPLE LOCATION
 - 4A-SS-16S PROPOSED APPENDIX IX+3 SURFACE SOIL SAMPLE LOCATION
 - ▲ 4A-SS-19 PDI APPENDIX IX+3 SURFACE SOIL SAMPLE LOCATION
 - 4A-SS-14 PDI APPENDIX IX+3 SOIL BORING LOCATION
 - ▨ AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA
 - BOUNDARY OF FLOODPLAIN PROPERTIES (SEE NOTE 4)

- FIGURE NOTES:**
1. THE BASE MAP FEATURES (EXCLUDING THE RIVERS) PRESENTED ON THIS FIGURE ARE FROM SURVEY BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, FILE NO. GE1097-1-CX101, DATED 2/18/05. RIVER LOCATIONS WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. RIVER LOCATIONS ARE APPROXIMATE.
 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 MARCH 11, 2005.
 5. SAMPLE LOCATIONS ARE APPROXIMATE.



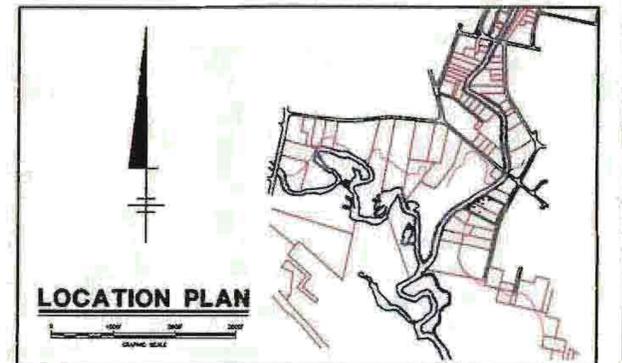
GENERAL ELECTRIC COMPANY
 PRE-DESIGN INVESTIGATION REPORT FOR
 PHASE 4 FLOODPLAIN PROPERTIES

**SUMMARY OF EXISTING AND PROPOSED
 APPENDIX IX+3 SOIL SAMPLING
 LOCATIONS FOR GROUP 4A**



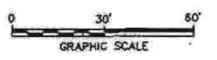
FIGURE
3

X: 4012202, X04, X05, X38.DWG
 L: ON= OFF=REF, X03MAP_NUM, X38MAPNUM,
 *ROW=TX1-1, X02NAME=WT
 P: PAGESET/SYR-DLZB1
 4/11/05 SYR-SS-NES DMW KLS
 N/40122005/INTFOI/40122802.DWG



- LEGEND**
- APPROXIMATE PARCEL BOUNDARY
 - 10-YEAR FLOODPLAIN
 - APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
 - 970 TOPOGRAPHIC CONTOUR
 - 16-1-67** RESIDENTIAL PROPERTY PARCEL ID
 - 4B-SB-9 APPENDIX IX+3 SOIL BORING LOCATION
 - AREA TO BE ADDRESSED BY EPA IN 1/2 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.



GENERAL ELECTRIC COMPANY
PRE-DESIGN INVESTIGATION REPORT FOR
PHASE 4 FLOODPLAIN PROPERTIES

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

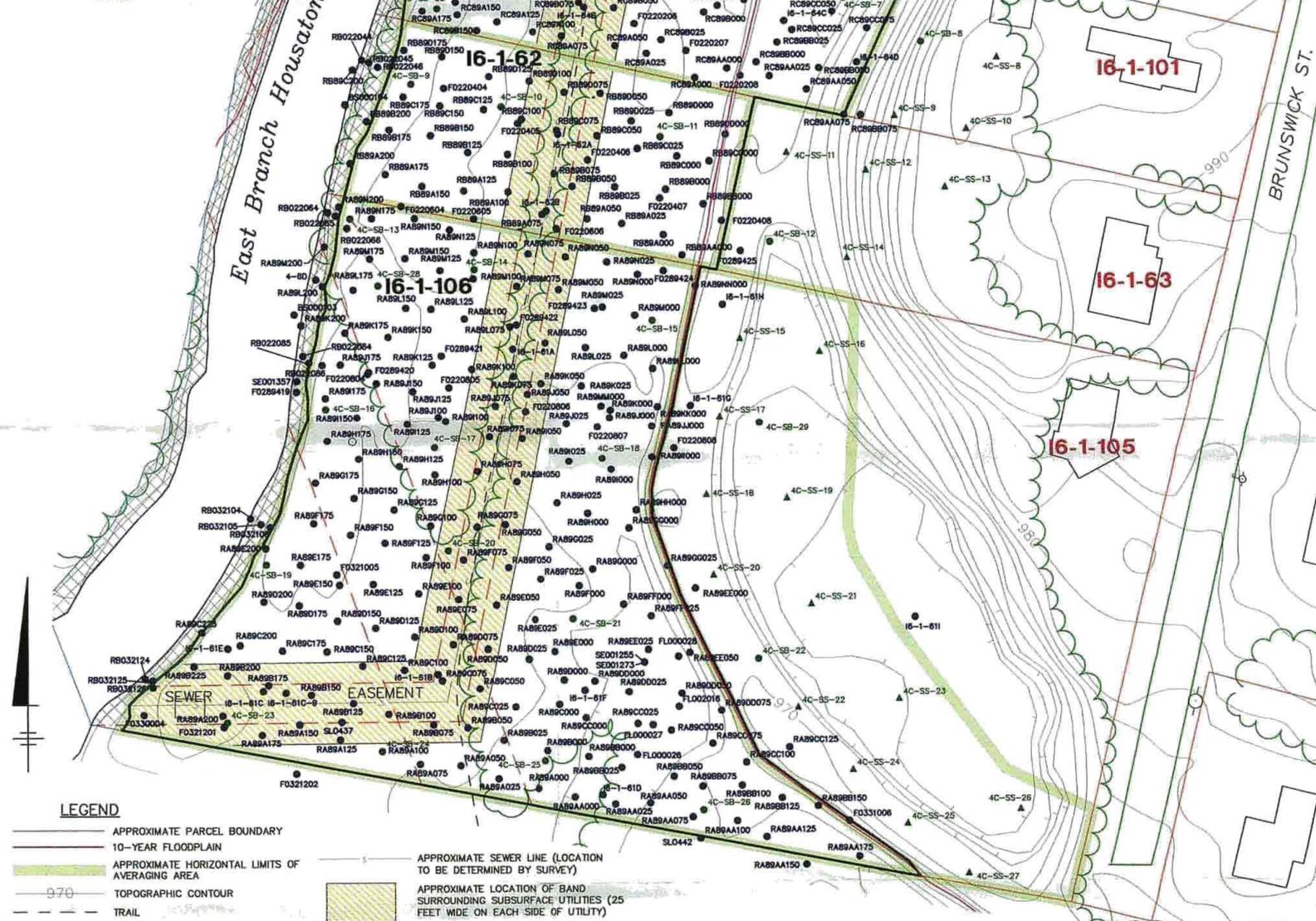
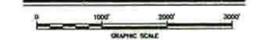
BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
5

X: 101CZK02,101X13B,10102X3B.DWG
L: ON= OFF=REF*
P: PAGESET/SVR-DL
4/11/05 SVR-BS-NES DWW KLS
N/40122006/SUMMARY/40122B12.DWG

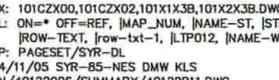


LOCATION PLAN



LEGEND

- APPROXIMATE PARCEL BOUNDARY
- 10-YEAR FLOODPLAIN
- APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
- TOPOGRAPHIC CONTOUR
- TRAIL
- FENCELINE
- RESIDENTIAL PROPERTY PARCEL ID
- NON-RESIDENTIAL PROPERTY PARCEL ID
- PRIOR SOIL BORING LOCATION
- 2005 SURFACE SOIL SAMPLE LOCATION
- 2005 SOIL BORING LOCATION
- BOUNDARY OF FLOODPLAIN PROPERTIES (SEE NOTE 4)
- AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA



X: 101CX00,101CX02,101X13B,101X23B.DWG
 L: ON= OFF=REF, I=MAP_NUM, I=NAME-ST, I=TM,
 I=ROW-TEXT, I=ROW-TEXT-1, I=LP1012, I=NAME-WT
 P: PAGESET/SYR-DL
 4/11/05 SYR-85-NES Dmw KLS
 N/40122006/SUMMARY/4012281.DWG

FIGURE NOTES:

- THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM AERIAL PHOTOGRAPHS DATED APRIL 1990.
- 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.
- 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.
- SAMPLE LOCATIONS ARE APPROXIMATE.

PRIOR PCB SAMPLE RESULTS

Location ID	0-0.043	0-0.5	0.043-0.5	0.5-1	1-1.5	1.5-2	2-3
16-1-103	4.31	1.78	...	...	...	...	...
16-1-104	4.31	1.78	...	...	...	...	...
16-1-105	4.31	1.78	...	...	...	...	...
16-1-106	4.31	1.78	...	...	...	...	...
16-1-101	4.31	1.78	...	...	...	...	...
16-1-105	4.31	1.78	...	...	...	...	...
16-1-63	4.31	1.78	...	...	...	...	...

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

SAMPLE ID	0-1	1-2	2-3	3-4	4-5	5-6	6-8	8-10	10-15
16-1-103
16-1-104
16-1-105
16-1-106
16-1-101
16-1-105
16-1-63

PDI GE SAMPLE RESULTS (SURFACE SOIL SAMPLES)

SAMPLE ID	0-1	1-2	2-3	3-4	4-5	5-6	6-8	8-10	10-15
16-1-103
16-1-104
16-1-105
16-1-106
16-1-101
16-1-105
16-1-63

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

Location ID	0-0.043	0-0.5	0.043-0.5	0.5-1	1-1.5	1.5-2	2-3	3-4	4-5	5-6	6-8	8-10	10-15
16-1-103	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-104	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-105	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-106	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-101	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-105	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...
16-1-63	4.31	1.78	...	...	...	...	...	...	...	...	...	...	...

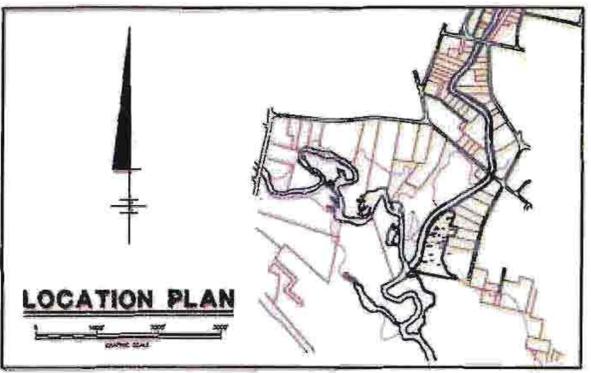
TABLE NOTES:

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

**GENERAL ELECTRIC COMPANY
 PRE-DESIGN INVESTIGATION REPORT FOR
 PHASE 4 FLOODPLAIN PROPERTIES**

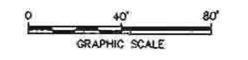
**SUMMARY OF PCB ANALYTICAL
 RESULTS AND PCB SAMPLING
 LOCATIONS FOR GROUP 4C**





- LEGEND**
- APPROXIMATE PARCEL BOUNDARY
 - 10-YEAR FLOODPLAIN
 - APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
 - 970 TOPOGRAPHIC CONTOUR
 - - - TRAIL
 - × × FENCELINE
 - 16-1-101 RESIDENTIAL PROPERTY PARCEL ID
 - 16-1-62 NON-RESIDENTIAL PROPERTY PARCEL ID
 - F0220497 EXISTING SOIL BORING LOCATION
 - 4C-SB-22 2005 APPENDIX IX+3 SOIL BORING LOCATION
 - BOUNDARY OF FLOODPLAIN PROPERTIES (SEE NOTE 4)
 - ▨ AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA

- 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.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
 PRE-DESIGN INVESTIGATION REPORT FOR
 PHASE 4 FLOODPLAIN PROPERTIES

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



X: 101CZK02.101X1X3B.10102X3B.DWG
 L: ON= OFF=REF*
 P: PAGESET/SYR-DL
 4/11/05 SYR-B5-NES DMW MLS
 N/40122006/SUMMARY/40122813.DWG

Appendices

Appendix A

Soil Boring Logs

Date Start/Finish: 1/31/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Disc/Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: J Macroprobe

Northing: 526557.4
 Easting: 127691.6
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 976.1
 Descriptions By: GAR

Boring ID: 44-58-1
 Client: General Electric Company
 Location: Housatonic River - 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Run Type	Recovery (feet)	PID Headdepths (feet)	Geologic Column	Stratigraphic Description	Boring Constructed
976		1	C-		0.0		Dark brown S&T fine fine sand.	Boring Constructed with Sampler
		2	L-2	3.0	0.0		Brown fine S&T. Little medium sand.	
		3	L-3		6.0			
		4	L-4		9.0			
981		5	L-5		9.0		Subsided fine to coarse S&T. Little coarse.	
		6	L-6		9.0			
		7	L-7		9.0			
		8	L-8		9.0			
1000		9	L-9		9.0			
		10	L-10		9.0			
		11	L-11		9.0		Subsided fine to coarse S&T and S&T. Little	
		12	L-12		9.0			
1025		13	L-13		9.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 3-1: PCBs, 1-2: PCBs, 3-6: PCBs.
 MSMSD (enhanced PCBs, 3-6)
 Groundwater is present at ~ 12.0 bgs.

Date Start/Finish: 1/27/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528422.5
 Easting: 127710.0
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 968.0
 Descriptions By: GAR

Boring ID: 4A-SB-2
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1		0.0		Dark brown SILT, little fine SAND.	
		2	1-3	2.8	0.0		Brown fine SAND, some SILT, little gravel	
965		3	3-4		0.0			
		4	4-6		0.0		Brown fine to coarse SAND.	
		5	6-8	3.2	0.0			
960		6	8-10		0.0		Gray-brown very fine SAND, medsl.	
		7	10-12	3.4	NA		Gray-brown fine to coarse SAND, med.	
955		8	12-14		NA			
		9	14-15		NA			
950								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs.
 Groundwater is present at ~ 11.0' bgs.

Date Start/Finish: 1/31/05
 Drilling Company: BBL
 Driller's Name: GARJLM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528404.6
 Easting: 127834.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 967.0
 Descriptions By: GAR

Boring ID: 4A-SB-3
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (pphm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1		0.0		Dark brown SILT, some gray-brown fine Sand.	 Borehole backfilled with Bentonite.
	965	2	1-3	3.0	0.0		Brown fine SAND.	
		3	3-4		0.0			
5		4	4-5		0.0			
	960	5	5-6	3.5	0.0		Wet below 6.0' bgs.	
		6	6-10		0.0		Dark brown fine to coarse SAND, some Gravel, wet.	
10		7	10-12		0.0			
	955	8	12-14	2.0	0.0		Brown fine SAND, some medium Sand, wet.	
		9	14-15		0.0			
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 1-3': PCBs;
 3-6': PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 4-6': VOCs;
 Duplicate Sample ID: 4A-DUP-4 (PCBs, SVOCs, Inorganics, PCDDs/PCDFs, 3-6');
 Duplicate Sample ID: 4A-DUP-6 (VOCs, 4-6')
 Groundwater is present at - 6.0' bgs.

Date Start/Finish: 10/1/00 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Truck Mounted Power Probe Sample Method: 4" Microcores	Northing: 528251.7 Easting: 127443.7 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 973.2 Description By: GAR	Boring ID: 44-SB-4 Client: General Electric Company Location: Houston River 1 (17 Mile) Phase 4 Floodplain
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sampler Type	Recovery (feet)	PTD Headspace (feet)	Geologic Column	Stratigraphic Description	Boring Completion
975								
		1	51		0.4		Dark brown SIL, some fine Sand and Gravel	 Borehole sealed with Bentonite
		2	52	10	0.8		Dark brown SIL, some fine Sand	
979		3	53		0.8			
		4	54		0.8			
		5	55		0.8		Brown fine SAND some SIL	
		6	56	10	0.8		Chalky brown fine to coarse SAND, fine Gravel	
985		7	57-58		0.8			
		8	59-60		0.8			
990		9	61-62		0.8		Gravelly fine to coarse SAND, some Gravel, sil.	
		10	63-64	14	0.8			
995								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1' PCBs; 1-3' PCBs; 3-6' PCBs.
 Groundwater is present at ~ 12.0' bgs.

Date Start/Finish: 1/24/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528267.0
 Easting: 127584.3
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: 965.2
 Descriptions By: GAR

Boring ID: 4A-SB-5
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965	1	0-1	0.0			Brown SILT with fine SAND.	Borehole backfilled with Bentonite
		2	1-3	2.6	0.0		Dark brown SILT and fine SAND, some Organic Material (leaves and Twigs), slight petroleumlike odor.	
		3	3-4		0.0			
-5	960	4	4-6		0.4			
		5	6-8	3.0	0.1		Brown fine to coarse SAND, some Gravel, Silt, and Wood, slight petroleumlike odor.	
		6	8-9	0.8	0.0		Brown fine SAND with SILT, very moist.	
-10	955						No Recovery after three attempts due to refusal at 9' 0" bgs.	
-15	950							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs;
 6-9': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/31/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Overbit Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528282.0
 Easting: 127724.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.1
 Descriptions By: GAR

Boring ID: 4A-SB-6
 Client: General Electric Company
 Location: Houstonic River 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sampling Type	Recovery (feet)	PIG Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965.1							
1	964.1	1-1		0.8			Brown Silty Fine to SAND	Borehole cased with Borehole
2	963.1	2-2		0.8			Gray and white AGG, CLAYERS, and SILTY, coarse fine SAND	
3	962.1	3-4		0.8				
4	961.1	4-6		0.8				
5	960.1			1.0			Brown fine SAND, some white and gray Agg, Clayers, and Silty	
6	959.1			0.8				
7	958.1			0.8			Brown fine SAND, some Agg, Clayers, Silty, and Silty	
8	957.1	8-10		0.8				
9	956.1	9-11		0.8			Gray fine to medium SAND, silty	
10	955.1			0.8				
11	954.1			0.8				
12	953.1			0.8				
13	952.1			0.8				
14	951.1			0.8				
15	950.1			0.8				



Remarks: bgs = Below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1' PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 1-2' PCBs
 3-6' PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 3-5' VOCs
 6-10' PCBs, SVOCs, Inorganics, PCDDs/PCDFs
 Groundwater is present at ~ 8.0 bgs

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: T.M. RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Truck Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 528297.0
 Easting: 127855.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.8
 Descriptions By: GAN

Boring ID: 4A-SB-7
 Client: General Electric Company
 Location: Houstonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Run Type	Penetration (feet)	PHD Headset beta (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965.8		1	4-1		8.0		Dark brown S&M, clay fine sand	Borehole cased with 4" PVC
		2	4-2	2.1	8.0		Brown fine S&M, some gravel and stone	
		3	4-3	4.4				
		4	4-4	6.0			Brown fine S&M, etc.	
960		5	4-5	2.0				
		6	4-6	4.0				
		7	4-7	4.0				
		8	4-8	4.0				
955		9	4-9	1.4			Dark brown fine to coarse S&M with	
		10	4-10	4.0				
		11	4-11	2.8			Dark brown fine to coarse S&M with GRAVEL, etc.	
950		12	4-12	4.0				
		13	4-13	2.8				
		14	4-14	4.0				



Remarks: 961 = below ground surface, NA = Not Applicable/Available
 Analyses: 3-1: PCBs; 1-3: PCBs; 3-6: PCBs
 Groundwater is present at ~ 4.0' bgs.

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 528317.8
 Easting: 127986.1
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 971.9
 Descriptions By: GAR

Boring ID: 4A-SB-8
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1		0.0		Brown SILT	Borehole backfilled with bentonite
970		2	1-3	2.0	0.0		Brown fine SAND	
		3	3-4		0.0			
5		4	4-6		0.0		Dark brown SILT and fine SAND with GRAVEL	
				2.4				
965		5	6-8		0.0		Dark brown SILT and fine SAND	
		6	8-10		0.0		Brown fine SAND, moist	
10		7	10-12		0.0			
				3.5				
960							Wet below 12.0' bgs	
		8	12-14		0.0			
				2.0				
15		9	14-15		0.0		Gray fine SAND, some Peat, wet.	

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

Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs;
 Groundwater is present at - 12.0' bgs.

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: J.M. RCD
 Drilling Method: Direct Push
 Auger Size: 1.5"
 Rig Type: Truck Mounted Power Probe
 Sample Method: X-Machine

Northing: 528220.4
 Easting: 117983.8
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: 968.7
 Descriptions By: CAR

Boring ID: 1A-SB-3
 Client: General Electric Company
 Location: Hudson River 1.12 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Type	Recovery (%)	PTD Resistance (lb/in)	Geologic Column	Stratigraphic Description	Boring Construction
0								
0.10								
0.15		1	1-1	00			Below SAT, sand fill soil.	
0.20		2	1-2	10			Below the SAT.	
0.25		3	1-3	00			Water table at 0.25.	
0.30		4	1-4	00				
0.35		5	1-5	00				
0.40		6	1-6	00				
0.45		7	1-7	00				
0.50		8	1-8	00				
0.55		9	1-9	00			Gravelly SAND, hard. Fract. with fines.	
0.60		10	1-10	00			Gravelly SAND, soft.	
0.65		11	1-11	00				
0.70		12	1-12	00			Below the casing SAND soil.	



Remarks: Top 1' below ground surface; NA = Not Applicable/Available.
 Analysis: 3-1: PCBs, 1-3: PCBs, 3-4: PCBs.
 Groundwater is present at ~ 12.0' bgs.

Date Start/Finish: 1/24/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528171.4
 Easting: 127589.4
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.3
 Descriptions By: GAR

Boring ID: 4A-SB-10
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	965	1	0-1		0.0		Brown fine SAND with SILT	Borehole backfilled with Bentonite
		2	1-3	3.2	0.0		Gray-brown fine SAND, some Silt and Gravel	
		3	3-4		0.0			
	960	4	4-6		0.0			
		5	6-8	2.6	0.0		Dark brown SILT.	
		6	8-10		0.0			
10	955	7	10-12	3.2	0.0			
		8	12-14		0.0			
		9	14-15	1.6	0.0			
15	950							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528141.8
 Easting: 127740.2
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 984.3
 Descriptions By: GAR

Boring ID: 4A-SB-11
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
6	985							
		1	0-1		0.0		Gray-brown SILT with GRAVEL, some fine Sand.	
		2	1-3	2.2	0.0		Brown fine to coarse SAND.	
		3	3-4		0.0			
5	960						Gray SILT, little Clay, moist.	
		4	4-5		0.0			
		5	6-8	3.6	0.0		Gray fine SAND, some Silt, moist.	
		6	8-10		0.0		Gray fine SAND, some Silt, wet.	
-10	955			NA				
		7	10-12		0.0		Gray fine to coarse SAND, wet.	
		8	12-14		0.0			
950		9	14-15	1.6	0.0			
-15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs; 1-3: PCBs; 3-6: PCBs.
 Groundwater is present at - 8.0' bgs.

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528154.6
 Easting: 127883.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 967.2
 Descriptions By: GAR

Boring ID: AA-SB-12
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1		0.0		Brown SILT, clay and Sand.	 Borehole is cased with Bentonite.
		2	1-3	3.0	0.0		Brown fine SAND.	
965		3	3-4		0.0		Very moist below 6.0 bgs.	
		4	4-4		0.0		Very moist below 6.0 bgs.	
				2.8			Very moist below 6.0 bgs.	
960		5	6-8		0.0		Very moist below 6.0 bgs.	
		6	8-10		0.0		Very moist below 6.0 bgs.	
10		7	10-12	2.0	0.0		Very moist below 6.0 bgs.	
		8	12-14		0.0		Brown PEAT, wet.	
955				2.5			Gray-brown fine to coarse SAND, wet.	
		9	14-15		0.0		Gray-brown fine to coarse SAND, wet.	
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-8': PCBs;
 MS/MSD collected (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1-3').
 Groundwater is present at ~ 8.0' bgs.

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: T.M. PCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528081.8
 Easting: 127177.2
 Casing Elevation: NA
 Borehole Depth: 15' below ground
 Surface Elevation: 967.0
 Descriptions By: GAR

Boring ID: 4A-SB-13
 Client: General Electric Company
 Location: Houstonic River 1 1/2 Miles
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PHO Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	967.0							
1	966.0	1	0-1	0.0			Dark brown SILT, ORGANIC MATERIAL, and CHARCOAL	
2	965.0	2	1-2	3.2	0.0		Gray-brown fine SAND, siltier (Silt)	
3	964.0	3	2-3		0.0			
4	963.0	4	3-4		0.0			
5	962.0	5	4-5	1.3			Very coarse to medium SAND	
6	961.0	6	5-6		0.0		Bluish gray SAND, med.	
7	960.0	7	6-7	1.4			Gray-brown med to thick (SAND) siltier (Silt), med.	
8	959.0	8	7-8		0.0			
9	958.0	9	8-9	1.0				
10	957.0	10	9-10		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1' PCBs, SVOCs, inorganics, PCDD/PCDF;
 1-3' PCBs, SVOCs, inorganics, PCDD/PCDF; 3-6' PCBs;
 MSMSD collected (PCBs, SVOCs, inorganics, PCDD/PCDF); 1-7';
 Duplicate Sample ID: 4A-DUP-3 (PCBs, SVOCs, inorganics, PCDD/PCDF); 1-3';
 Groundwater is present at - 8.0 bgs

Date Start/Finish: 1/25/05 Drilling Company: BBL Driller's Name: TJM, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Track Mounted Power Probe Sample Method: 4" Macrocore	Northing: 528111.5 Easting: 127458.6 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 967.3 Descriptions By: GAR	Boring ID: 4A-SB-14 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	6-1	0.0			Brown SILT, some fine Sand	 Borehole backfilled with Bentonite
965		2	1-3	3.2	0.0		Gray-brown fine SAND.	
		3	3-4		0.0			
		4	4-6		0.0		Brown fine SAND	
				3.4				
960		5	6-3		0.0			
		6	8-10		0.0		Gray-brown fine to coarse SAND, wet.	
		7	10-12		0.0			
				3.0				
955		8	12-14		0.0		Brown fine to coarse SAND and GRAVEL, wet.	
		9	14-15		0.0			
				1.5				

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs, SVOCs, Inorganics, PCDD/PCDF; 1-3' PCBs;
 3-6' PCBs, SVOCs, Inorganics, PCDD/PCDF;
 Groundwater is present at - 8.0' bgs.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: S28085.2
 Easting: 127651.9
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.0
 Descriptions By: GAR

Boring ID: 4A-SB-15
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
6.965		1	0-1		0.0		Brown SILT, some fine SAND.	
		2	1-3	2.6	0.0		Gray-brown fine SAND, some S&B and Brick.	
		3	3-4		0.0		Gray and brown fine SAND (modified) moist	
5.960		4	4-6		0.0		Brown fine SAND, wet	
		5	6-8	2.5	0.0		Gray fine SAND, wet	
		6	8-10		0.0		Gray fine to medium SAND, wet	
10.955		7	10-12		0.0		Gray fine to medium SAND, wet	
		8	12-14	1.5	0.0		Gray fine to medium SAND, wet	
15.950		9	14-15		0.0		Gray fine to medium SAND, wet	

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF; 1-3': PCBs;
 3-5': PCBs, VOCs (3-5), SVOCs, Inorganics, PCDD/PCDF;
 Groundwater is present at ~ 8.0' bgs.

Date Start/Finish: 2/2/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Microcode

Northing: 527955.1
 Easting: 127333.3
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 979.1
 Descriptions By: GAR

Boring ID: 4A-SB-15
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Run Type	Recovery (feet)	PID Headpace (feet)	Geologic Column	Stratigraphic Description	Boring Construction
880								
		1	3-1		0.0		100% grey sand (S&T) and brown (S&T)	Service installed with Summary
							100% fine SAND	
		7	1-2	0.2	0.0			
		2	3-4		0.0			
975							100% fine SAND and brown (S&T)	
		4	4-6		0.0			
				0.0				
		2	4-6		0.0		Grey fine SAND	
970								
		6	6-10		0.0		Grey fine SAND and brown (S&T)	
10				0.0				
		7	10-12		0.0		100% S&T sand	
		8	12-14		0.0			
965				1.0				
		8	14-15		0.0			
10								



Remarks: Top 0 below ground surface; NA = Not Applicable/None
 Analyzed: 0-1: PCBs, SVOCs, Inorganics, PCDD/PCDF, 1-3: PCBs
 2-6: PCBs, SVOCs, Inorganics, PCDD/PCDF
 The water table was not encountered during the boring installation

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: S27970.9
 Easting: 127473.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 967.3
 Descriptions By: GAR

Boring ID: 4A-SB-17
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.0			Brown fine SAND, some Silt.	Borehole backfilled with Bentonite.
965		2	1-3	3.5	2.0		Dark brown fine SAND, some Silt and Gravel, strong petroleum-like odor.	
		3	3-4	1.8				
		4	4-6	NA			Brown fine SAND and SILT, like Clay.	
				3.5			Brown fine SAND, trace small Gravel, moist.	
960		5	6-8	NA				
		6	8-10	NA				
10		7	10-12	NA				
955							Brown fine SAND, moist.	
		8	12-14	NA			Gray-brown fine to coarse SAND, wet.	
				3.0				
		5	14-15	NA				
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs;
 Duplicate Sample ID: 4A-DUP-2 (PCBs, 3-6').
 Water table apparently encountered at 13.0' bgs due to the presence of wet soils at this depth.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527987.9
 Easting: 127615.5
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.7
 Descriptions By: GAR

Boring ID: 4A-SB-18
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int'l type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1		0.0		Dark brown SILT, some Gravel.	Borehole backfilled with Bentonite
965		2	1-3	2.2	0.0		Brown fine SAND	
		3	3-4		0.0		Brown fine SAND, very moist	
5		4	4-6		0.0			
				3.2			Gray fine SAND, wet.	
960		5	6-8		0.0			
		6	8-10		0.0			
10				4.0			Brown PEAT.	
955		7	10-12		0.0			
							Gray-brown fine to coarse SAND, wet.	
		8	12-14		0.0			
				2.5				
15		9	14-15		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs; 1-3'; PCBs; 3-6'; PCBs; 6-10'; PCBs.
 Groundwater is present at - 6.0' bgs.

Date Start/Finish: 1/27/05 Drilling Company: BBL Driller's Name: TJM, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Track Mounted Power Probe Sample Method: 4" Macrocoring	Northing: 527800.4 Easting: 127207.2 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 978.1 Descriptions By: GAR	Boring ID: 4A-SB-19 Client: General Electric Company Location: Houseman's River 1 1/2 Mile Phase 4 Floodplain
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction	
980									
		1	8-1		0.0		Brown SILT, fine fine Sand		
		2	1-3	2.1	0.0		Brown fine SAND, silty Gravel		
972		3	3-6		0.0				
		4	4-6		0.0				
		5	6-8	2.2	0.0				
970									
		6	8-10		0.0		Gray/white fine to coarse SAND, silty Gravel		
10									
		7	10-12	3.2	0.0				
		8	12-14		0.0	Gray/white fine to coarse SAND, silty Gravel, silt			
965									
		8	14-16	3.5	0.0				
15									



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1: PCBs; 1-3: PCBs; 3-6: PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 1/27/05
 Drilling Company: BBL
 Driller's Name: T.J.M. RCO
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527815.2
 Easting: 127348.1
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 979.1
 Descriptions By: GAR

Boring ID: 4A-SB-20
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase # Floodplain

DEPTH	ELEVATION	Sample Run Number	Sampling Type	Recovery (feet)	PTD Headspace (feet)	Geologic Column	Stratigraphic Description	Boring Construction
980								
		1	0-1	5.0			Dark brown SILT, ASH, CEMENTS, and SLAG. High fine Silt, strong petroleum-like odor.	Borehole located with automatic
		2	1-3	3.2	2.4		Gray-brown and brown fine SAND, some GRAVEL	
		3	3-4	5.0				
975							Brown to SAND, some medium Sand and GRAVEL	
		4	4-6	5.0				
		5	6-8	5.8				
		6	8-10	5.0			Gray brown fine and very fine SAND, med	
970								
		7	10-12	5.0				
		8	12-14	5.0				
965								
		9	14-15	5.0			Gray-brown very fine SAND, med	
960								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-3: PCBs, SVOCs, Inorganics, PCDD/PCDF; 3-6: PCBs
 Groundwater is present at ~ 14.0' bgs.

Date Start/Finish: 2/2/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527657.3
 Easting: 127225.9
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 962.9
 Descriptions By: GAR

Boring ID: 4A-SB-21
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Heatspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1	0.0			Brown SILT and gray-brown fine SAND	Borehole back-filled with Bentonite
		2	1-3	2.3	0.0		Gray-brown fine SAND	
960		3	3-4	0.0				
		4	4-8	0.0			Gray-brown fine to medium SAND, medst	
		5	6-8	0.0	3.2			
955		6	8-10	0.0			Gray-brown fine SAND, medst	
		7	10-12	0.0	2.5			
950		8	12-14	0.0	1.7			
		9	14-15	0.0			Brown SILT, dense	
945								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs, SVOCs, Inorganics, PCDD/PCDF; 1-3: PCBs;
 3-6: PCBs, SVOCs, Inorganics, PCDD/PCDF.
 The water table was not encountered during the boring installation.

Date Start/Finish: 2/2/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527519.0
 Easting: 127237.0
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.7
 Descriptions By: GAR

Boring ID: 4A-SB-22
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Miles
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Inch Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	965							
		1	0-1	0.0			Dark brown SILT, some gray brown fine Sand	Borehole backfilled with Bentonite.
		2	1-2	2.5	0.0		Brown fine SAND.	
		3	3-4		0.0		MSI below - 1.0' bgs	
5	960	4	4-6		0.0			
		5	6-8	3.5	0.0		Gray SILTY CLAY.	
		6	8-10		0.0			
10	955	7	10-12	3.5	0.0		Gray fine to coarse SAND, wet.	
		8	12-14		0.0			
		9	14-15	2.0	0.0			
15	950							

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs;
 MSI/MSO collected (PCBs, 1-3'); Duplicate Sample ID: 4A-DUP-7 (PCBs, 3-6').
 Groundwater is present at - 10.0' bgs.

Date Start/Finish: 2/2/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Desci Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4 Macrochis

Northing: 527379.7
 Easting: 127244.0
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 955.2
 Descriptions By: GAR

Boring ID: 4A-SB-23
 Client: General Electric Company
 Location: Houston, TX - 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sampler Type	Recovery (feet)	RID Headspace (ft)	Geologic Column	Stratigraphic Description	Boring Construction
962		1	0-1		0.0		Bluish S&T with gray brown fine SAND	Casing installed with bithead
		2	1-2	2.2	2.4		Gray to olive-blu SAND, coarse SK	
		3	3-4		0.0		Brown fine SAND, med	
960		4	4-6		0.0		Dark gray to black fine SAND, med	
		5	6-8	2.1	0.0		Gray to olive-blu SAND with WFO, coarse SK, med	
958		6	9-10		0.0		Gray fine to coarse SAND, med	
		7	10-12		2.4			
		8	13-14		0.0			
956		9	14-15	1.0	0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs, SVOCs, Inorganics, PCDD/PCDF
 1-2: PCBs, SVOCs, Inorganics, PCDD/PCDF; 3-6: PCBs
 Groundwater is present at ~ 12.0' bgs.

Date Start/Finish: 1/31/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528357.5
 Easting: 127801.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.5
 Descriptions By: GAR

Boring ID: 4A-SB-24
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
	965	1	0-1		0.0		Brown SILT and gray-brown fine SAND with ORGANIC MATERIALS.	Borehole backfilled with Bentonite.
		2	1-3	2.5	0.0		Brown to gray-brown fine SAND.	
		3	3-4		0.0			
5		4	4-6		0.0		Brown fine SAND, wet	
	960	5	6-8	3.8	0.0			
		6	8-10		0.0		Gray-brown fine to coarse SAND, some Gravel, wet	
10		7	10-12	2.5	0.0			
	955	8	12-14		0.0			
		9	14-15	2.2	0.0			
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs;
 Duplicate Sample ID: 4A-DUP-5 (PCBs, 3-6').
 Groundwater is present at ~ 5.0' bgs.

Data Start/Finish: 1/26/05
 Drilling Company: RGL
 Driller's Name: T.M. RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527534.6
 Easting: 127165.4
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.3
 Descriptions By: GAR

Boring ID: 4A-SB-25
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/n/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Brown SILT, some Wood, fine fine sand.	 Borehole cased with Bentonite.
		2	1-3	24	0.0		Gray-brown fine SAND, some SILT.	
		3	3-4		0.0		Brown fine SAND, some SILT.	
960		4	4-6		0.0		Brown fine SAND with GRAVEL.	
		5	6-8	24	0.0		Gray-brown fine to coarse SAND with GRAVEL, wet.	
955		6	8-10		0.0		Gray-brown fine to coarse SAND with GRAVEL, wet.	
10		7	10-12	21	0.0		Gray-brown fine to coarse SAND with GRAVEL, wet.	
		8	12-14		0.0		Gray-brown fine to coarse SAND with GRAVEL, wet.	
950		9	14-15	1.6	0.0		Gray-brown fine to coarse SAND with GRAVEL, wet.	
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs; 1-3: PCBs; 3-6: PCBs.
 Groundwater is present at ~ 12.0' bgs.

Date Start/Finish: 1/24/05 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Track Mounted Power Probe Sample Method: 4" Macrocore	Nothing: NA Easting: NA Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: NA Descriptions By: GAR	Boring ID: 4A-SB-26 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PTD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0.1	0.8	0.0		Brown SILT with fine SAND, some gravel, Concrete and brick in power probe shoe at 1' bgs.	 Borehole backfilled with Bentonite.
5	-5						No recovery after three attempts due to refusal > 1' bgs.	
10-20								
15-25								

 BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1'; PCBs. The water table was not encountered during boring installation.
--------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/3/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 528362.3
 Easting: 127616.2
 Casing Elevation: NA
 Borehole Depth: 12' below grade
 Surface Elevation: 966.2
 Descriptions By: GAR

Boring ID: 4A-SB-26A
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
0.5	965	1	0-1	0.0	0.0		Brown fine SAND, some silt, some gravel.	
1.5		2	1-2	0.0	0.0		Red BRICK, some fine Sand.	
2.5		3	2-3	0.0	0.0		Dark gray to brown fine SAND with SILT	
4.5	960	4	3-4	0.0	0.0		Dark gray to brown fine SAND with SILT	
5.5		5	4-5	0.0	0.0		Dark gray to brown fine SAND with SILT	
6.5		6	5-6	0.0	0.0		Dark gray to brown fine SAND with SILT	
8.5		7	6-8	0.0	0.0		Dark gray to brown fine SAND with SILT	
10.5	955	8	8-10	0.0	0.0		Red BRICK, some fine Sand.	
12.5		9	10-12	0.0	0.0		Red BRICK, some fine Sand.	
15							No recovery due to refusal at 12.0' bgs	



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs; 6-10': PCBs.
 The water table was not encountered during boring installation.
 Location is 20' west of original location 4A-SB-26.

Date Start/Finish: 1/27/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527696.7
 Easting: 127271.1
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 962.8
 Descriptions By: GAR

Boring ID: 4A-SB-27
 Client: General Electric Company
 Location: Housatonic River 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0	Geologic Column	Gray-brown fine SAND, some sil. fine gravel	Borehole Backfilled with Bentonite
		2	1-2	7.3	0.0		Gray-brown fine to medium SAND, fine Gravel	
960		3	2-3		0.0			
		4	4-5		0.0		Gray-brown fine SAND, sil.	
		5	5-6	3.5	0.0			
955		6	6-10		0.0			
950		7	10-13	4.0	0.0			
		8	12-14		0.0			
		9	14-15		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs; 1-3: PCBs; 3-6: PCBs.
 Groundwater is present at - 4.0' bgs.

Date Start/Finish: 2/2/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Track Mounted Power Probe
 Sample Method: 4" Macrocore

Wanning: S27345.5
 Easting: 127187.0
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 963.3
 Descriptions By: GAR

Boring ID: 4A-SB-28
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	PHD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1	0.0			Brown SILT and gray-brown fine SAND	Borehole backfilled with Bentonite
		2	1-3	2.8	0.0		Gray-brown fine SAND.	
960		3	3-4	0.0			Brown SILT, some fine Sand, moist.	
		4	4-6	0.0				
		5	6-8	0.0			Dark brown SILT, some gray fine Sand, very moist	
955		6	8-10	0.0				
		7	10-12	0.0			Gray fine SAND, some medium to coarse Sand, wet.	
		8	12-14	0.0			Brown fine to coarse SAND, wet.	
950		9	14-15	0.0				
945								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs.
 Groundwater is present at ~ 10.0' bgs.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 528401.2 Easting: 127480.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 978.7 Descriptions By: GAR	Boring ID: 4A-SS-1 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
		1	0-1	1.0	0.0		Brown Silty, some fine Sand, little gravel and organic material.	 Borehole backfilled with Bentonite.
975								
970								
965								

 BBL BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1; PCBs. The water table was not encountered during boring installation.
-------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 528415.2 Easting: 127639.8 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.3 Descriptions By: GAR	Boring ID: 4A-SS-2 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	1.0	0.0		Brown fine SAND, some Silt and Gravel.	 Borehole clogged with bentonite.
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528430.1 Easting: 127780.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.3 Descriptions By: GAR	Boring ID: 4A-SS-3 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1	1.0	0.0		Light brown SILT with fine SAND, little GRAVEL	Borehole backfilled with Bentonite.
965								
960								
955								
950								
945								
940								
935								
930								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 528367.2 Easting: 127858.2 Casing Elevation: NA Borehole Depth: 1' Below grade Surface Elevation: 956.1 Descriptions By: GAR	Boring ID: 4A-SS-4 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	1.0	0.0		Brown SILT, some Organic material, little fine sand.	 Borehole backfilled with Bentonite
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, ACD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 928352.2 Easting: 127717.6 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 966.0 Descriptions By: GAR	Boring ID: 4A-SS-5 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Inch Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
0	966	1	0-1	1.0	0.0		Brown SILT, some Organic Material, little fine sand	Borehole backfilled with Bentonite
5	960							
10	955							
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528303.4 Easting: 127402.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 975.4 Descriptions By: GAR	Boring ID: 4A-SS-6 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	975	1	0-1	0.8	0.0		Dark brown SILT, some fine Sand, little gravel.	Borehole backfilled with Bentonite.
5	970							
10	965							
15	960							



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528289.4 Easting: 127795.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 964.6 Descriptions By: GAR	Boring ID: 4A-SS-7 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1	1.0	0.0	X X X	Brown SILT with gray-brown and white ASH, CINDERS, and SLAG, like Gravel and fine Sand (FILL)	Borehole bucket used with Bentonite.
960								
955								
950								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05
 Drilling Company: BBL
 Driller's Name: TOR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 528185.9
 Easting: 127214.6
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 970.0
 Descriptions By: GAR

Boring ID: 4A-SS-8
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	SampleIn/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	976	1	0-1	0.8	00		Brown fine SAND, some silt, little gravel.	 Borehole drilled with Bentonite
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 1" Macrocore	Northing: 528169.4 Easting: 127304.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 971.2 Descriptions By: GAR	Boring ID: 4A-SS-9 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	0.9	0.0		Dark brown SILT, ASH, CHOCERS, and fine SAND, some Organic Material (Roots)	Borehole backfilled with Bentonite
970								
5								
965								
10								
960								
15								

 BBL [®] BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists	Remarks: bgs = below ground surface, NA = Not Applicable/Available. Analyses: 0-1': PCBs. The water table was not encountered during boring installation.
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 1/26/05 Drilling Company: SBL Driller's Name: TOR, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528182.0 Easting: 127450.0 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.6 Descriptions By: GAR	Boring ID: 4A-SS-10 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0.1	0.9	0.0		Brown SILT, some fine Sand, Gravel, and Organic Material	Borehole backfilled with Bentonite.
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/24/05 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Operated Sample Method: 4" Macrocore	Northing: 528226.5 Easting: 127873.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.2 Descriptions By: GAR	Boring ID: 4A-SS-11 Client: General Electric Company Location: Houstonc River 1 1/2 Mile Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.7	0.0		Brown and dark brown fine SAND with GRAVEL.	
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								
765								
760								
755								
750								
745								
740								
735								
730								
725								
720								
715								
710								
705								
700								
695								
690								
685								
680								
675								
670								
665								
660								
655								
650								
645								
640								
635								
630								
625								
620								
615								
610								
605								
600								
595								
590								
585								
580								
575								
570								
565								
560								
555								
550								
545								
540								
535								
530								
525								
520								
515								
510								
505								
500								
495								
490								
485								
480								
475								
470								
465								
460								
455								
450								
445								
440								
435								
430								
425								
420								
415								
410								
405								
400								
395								
390								
385								
380								
375								
370								
365								
360								
355								
350								
345								
340								
335								
330								
325								
320								
315								
310								
305								
300								
295								
290								
285								
280								
275								
270								
265								
260								
255								
250								
245								
240								
235								
230								
225								
220								
215								
210								
205								
200								
195								
190								
185								
180								
175								
170								
165								
160								
155								
150								
145								
140								
135								
130								
125								
120								
115								
110								
105								
100								
995								
990								
985								
980								
975								
970								

 BBL BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface, NA = Not Applicable/Available. Analyses: 0-1': PCBs. The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05
 Drilling Company: BBL
 Driller's Name: TOR, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 528104.1
 Easting: 127388.1
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 977.4
 Descriptions By: GAR

Boring ID: 4A-SS-12
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
0		1	0-1	1.0	0.0		Light brown fine SAND, some SIL. with gravel.	 Borehole backfill with Bentonite
975								
5								
970								
10								
965								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05 Drilling Company: BBL Driller's Name: TJM, RCD Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528041.4 Easting: 127466.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.2 Descriptions By: GAR	Boring ID: 4A-SS-13 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/IntType	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.8	8.0		Brown fine SAND with GRAVEL	 Borehole section with Bentonite
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527999.5
 Easting: 127575.0
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 956.6
 Descriptions By: GAR

Boring ID: 4A-SS-14
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sampler/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	0.8	0.0		Brown SILT, with fine Sand	 Service terminated with Benzo(a)
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 528014.8 Easting: 127598.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 966.2 Descriptions By: GAR	Boring ID: 4A-SS-15 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	0.9	88		Brown SILT. Hts fine Sand	 Borehole backfilled with Bentonite
965								
5								
960								
10								
955								
15								

 BBL [®] BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1; PCBs. The water table was not encountered during boring installation.
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 1/25/05 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Microcore	Northing: 528026.9 Easting: 127818.9 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 966.1 Descriptions By: GAR	Boring ID: 4A-SS-16 Client: General Electric Company Location: Housatonic River / 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PHD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
	965	1	01	0.9	00		Brown Silty, fine Med Sand	Recovery sacrificed with Barretts
5	960							
10	955							
15								

 <p>BBL[®] BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists</p>	<p>Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1' PCBs; MS/MSD collected (PCBs, 0-1') The water table was not encountered during boring installation.</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 1/25/05 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 528043.8 Easting: 127638.9 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 965.9 Descriptions By: GAR	Boring ID: 4A-SS-17 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	P/D Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965.9	1	0-1	1.0	0.0		Brown S.S.T. silt fine Sand	 Borehole backfill with bentonite.
5	960							
10	955							
15	950							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs; Duplicate Sample ID: 4A-DUP-1 (PCBs, 0-1')
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527973.5
 Easting: 127594.8
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 966.6
 Descriptions By: GAR

Boring ID: 4A-SS-18
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	SampleID/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	0.9	0.0		Dark brown S&T, little fine sand.	Borehole backfilled with bentonite.
5	965							
10	960							
15	955							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs; MS/MSD collected (PCBs, 0-1').
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: T.J.M. RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 528000.7
 Easting: 127635.5
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 986.5
 Descriptions By: GAR

Boring ID: 4A-SS-19
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	D-1	0.9	0.0		Gray-brown fine SAND and SILT.	borehole backfilled with Bentonite.
5	965							
10	960							
15	955							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: D-1: PCBs, SVOCs, Inorganics, PCDD/PCDF.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/25/05
 Drilling Company: BBL
 Driller's Name: TJM, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 528016.7
 Easting: 127655.9
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 966.8
 Descriptions By: GAR

Boring ID: 4A-SS-20
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	0.9	0.0		Brown fine SAND, some Silt and Gravel	Borehole backfilled with Bentonite
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 1/26/05 Drilling Company: BBL Driller's Name: TOR, RCO Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527963.7 Easting: 127403.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 971.9 Descriptions By: GAR	Boring ID: 4A-SS-21 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sampling Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	0.9	0.0		Blow 30T, coarse fine sand, fine gravel	Borehole backfilled with bentonite
0.5	970							
5								
9.5	965							
10								
14.5	960							
15								

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available Analytes: 0-1: PCBs The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 1/28/05
 Drilling Company: BBL
 Driller's Name: TOR, RCD
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527900.6
 Easting: 127481.1
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.5
 Descriptions By: GAR

Boring ID: 4A-SS-22
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	1.0	0.0		Brown fine SAND, some silt, little gravel.	 Borehole backfilled with bentonite.
965								
960								
955								



Remarks: bgs = below ground surface. NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/8/2005
 Drilling Company: BBL
 Driller's Name: AMB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 528023.1
 Easting: 127868.5
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: 972.3
 Descriptions By: GAR

Boring ID: 4B-SB-1
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975								
		1	0-1		0.0		Brown fine to medium SAND, some silt, trace fine to medium gravel and organic material (logs) Light brown fine to coarse SAND, some fine to medium gravel, trace silt. Wet odor - 5 S' bgs	Borehole backfilled with Bentonite
970		2	1-3	2.0	0.0			
		3	3-4		0.0			
965		4	4-6		0.0			
		5	6-8	2.0	0.0			
		6	6-8	1.0	0.0			
10								
960								
15								



Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs; 5-7': PCBs
 Water table apparently encountered due to the presence of wet soils at - 5.5' bgs.

Date Start/Finish: 2/8/2005
 Drilling Company: BBL
 Driller's Name: AMB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527975.2
 Easting: 127832.4
 Casing Elevation: NA
 Borehole Depth: 9' Below grade
 Surface Elevation: 970.8
 Descriptions By: CAR

Boring ID: 4B-SB-7
 Client: General Electric Company
 Location: Houston River (1/2 Mile
 Phase 4 Floodplain)

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	970	1	0-1		0.0	[Dotted pattern]	Brown fine to medium SAND, some Silt, trace fine gravel.	Borehole backfilled with Bentonite
		2	1-3	2.0	0.0		Brown fine to medium SAND, fine fine to medium Gravel, trace silt.	
		3	3-4		0.0			
5		4	4-6		0.0		Gray-brown fine to coarse SAND, some fine to coarse Gravel, trace silt.	
365		5	6-8	3.0	0.0			
		6	6-9	3.0	0.0			
	-10 960							
	-15 955							

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: dps = below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1': PCBs, SVOCs, Inorganics, PCDDs/PCDFs;
 1-3': PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 3-5': PCBs;
 5-7': PCBs, SVOCs, Inorganics, PCDDs/PCDFs.
 The water table was not encountered during the boring installation.

Date Start/Finish: 2/8/2005 Drilling Company: BBL Driller's Name: AMB Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4' Macrocore	Northing: 527947.6 Easting: 127786.0 Casing Elevation: NA Borehole Depth: 9' below grade Surface Elevation: 968.8 Descriptions By: GAR	Boring ID: 4B-SB-3 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	SampleIn/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.0	0.0		Brown fine to medium SAND, some silt, calc fine to medium gravel	
		2	1-2	3.3	0.0		Brown fine to medium SAND.	
965		3	2-4		0.0			
5		4	4-6		0.0			
		5	6-8	4.0	0.0		Water below 6.0 bgs.	
960		6	8-9	1.0	0.0			
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available; SAA = Same As Above
 Analyses: 0-1: PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 1-2: PCBs;
 3-5: PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 6-7: PCBs.
 Water table apparently encountered due to the presence of wet soils at 1.5 ft bgs.

Date Start/Finish: 2/8/2005
 Drilling Company: BBL
 Driller's Name: AMB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527975.3
 Easting: 127893.8
 Casing Elevation: NA
 Borehole Depth: 6' below grade
 Surface Elevation: 976.4
 Descriptions By: GAR

Boring ID: 4B-SB-4
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	975	1	0-1		0.0		Brown fine to medium SAND, some SIL. trace medium to fine gravel and organic material (root).	 Borehole section with Benmorris.
		2	1-3	3.0	4.0		Light brown medium to fine SAND, some medium to fine Gravel. trace coarse sand	
		3	3-4		0.0			
-5		4	4-8		0.0		Brown fine to coarse SAND, little fine to medium Gravel. trace SIL.	
	970	5	6-8	2.6	0.0		Brown SIL. trace fine sand and fine to medium Gravel.	
		6	8-8	1.0	0.0		Brown medium to coarse SAND and fine to medium GRAVEL.	
10								
	965							
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses, 0-1': PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 1-3': PCBs;
 3-5': PCBs; 5-7': PCBs; MSMSO collected (PCBs, SVOCs, Inorganics, 0-1').
 The water table was not encountered during the boring installation.

Date Start/Finish: 2/8/2005
 Drilling Company: BBL
 Driller's Name: AMB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 627930.7
 Easting: 127827.4
 Casing Elevation: NA
 Borehole Depth: 9' below grade
 Surface Elevation: 977.1
 Descriptions By: GAR

Boring ID: 4B-SB-5
 Client: General Electric Company
 Location: Houstonian River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
		1	0-1		0.0		Brown SILT, (fine medium sand, trace fine sand)	
975		2	1-2	2.5	0.0		Brown fine to coarse SAND, coarse SILT, (fine medium to fine gravel)	
		3	2-2		0.0			
5		4	2-6		0.0		Brown fine to medium SAND, trace fine to medium GRAVEL	
				3.0				
970		5	6-6		0.0		Brown fine to coarse SAND and fine to medium GRAVEL	
		6	6-9	1.0	0.0			
10								
962								
15								

Borehole cased with Benmorin



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs; 1-3: PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 3-5: PCBs;
 5-7: PCBs; Duplicate Sample ID: 4B-SB-DUP-3 (PCBs, SVOCs, Inorganics,
 PCDDs/PCDFs, (3)).
 The water table was not encountered during the boring installation.

Date Start/Finish: 2/8/2005 Drilling Company: BBL Driller's Name: AMB Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4' Macrocore	Northing: 527900.6 Easting: 127696.8 Casing Elevation: NA Borehole Depth: 9' below grade Surface Elevation: 966.9 Descriptions By: GAR	Boring ID: 4B-SB-6 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Samplein/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1		0.0	Geologic Column	Brown fine to medium SAND, some SW. trace fine gravel	Borehole backfilled with Bentonite
	965	2	1-3	4.0	0.0		Brown fine SAND, trace SW.	
		3	3-4		0.0			
5		4	4-6		0.0		Water at 5.0' bgs.	
	960	5	6-8		0.0			
		6	8-9	1.0	0.0			
10								
	955							
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDDs/PCDFs;
 1-3': PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 3-5': PCBs; 5-7': PCBs.
 Water table apparently encountered due to the presence of wet soils at ~ 5.0' bgs.

Date Start/Finish: 2/8/2005 Drilling Company: BBL Driller's Name: AMB Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4" Macrocore	Northing: 527935.8 Easting: 127748.5 Casing Elevation: NA Borehole Depth: 9' below grade Surface Elevation: 968.2 Descriptions By: GAR	Boring ID: 4B-SB-7 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1	0.0	0.0		Brown fine to medium SAND and SILT, trace fine gravel.	 Borehole observed with bentonite
		2	1-3	3.0	0.0		Brown fine SAND, trace SILT.	
365		3	3-4	0.6	0.0			
5		4	4-8	0.0	0.0			
		5	6-8	3.0	0.0		Water table @ 6.0' bgs.	
960		6	8-9	1.0	0.0			
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-3': PCBs; 3-5': PCBs; 5-7': PCBs.
 Water table apparently encountered due to the presence of wet soils at ~ 6.0' bgs.

Date Start/Finish: 2/8/2005 Drilling Company: BBL Driller's Name: AMB Drilling Method: Tractor Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4" Macrocore	Northing: 527875.6 Easting: 127884.7 Casing Elevation: NA Borehole Depth: 9' below grade Surface Elevation: 965.3 Descriptions By: GAR	Boring ID: 48-SB-8 Client: General Electric Company Location: Housatonic River (1/2 Mile Phase 4 Floodplain)
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sampler/Type	Recovery (feet)	PTD Headspace (ft)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1		0.0		From fine SAND and SILT, into fine Gravel and Rocks	
0.5		2	1-3	1.0	0.0		From fine to medium SAND, trace SIL	
		3	3-4		0.0			
5		4	4-5		0.0			
3.0		5	5-6	1.0	0.0		Water 6.0' bgs	
		6	6-7		0.0			
		7	7-8	NA	0.0			
1.0								
	955							
1.5								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1: PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 1-3: PCBs; 3-5: PCBs;
 5-7: PCBs, SVOCs, Inorganics, PCDDs/PCDFs. Duplicate Sample ID: 48-SB-DUP-4
 (PCBs, SVOCs, Inorganics, PCDDs/PCDFs, 3-5); MS/MSO collected (PCBs, 1-3).
 Water table apparently encountered due to the presence of wet soils at ~ 8.0' bgs.

Date Start/Finish: 3/7/2005 Drilling Company: BBL Driller's Name: PJ JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4" Macrocore	Northing: 527894.1 Easting: 127727.7 Casing Elevation: NA Borehole Depth: 9' below grade Surface Elevation: 967.6 Descriptions By: GAF	Boring ID: 4B-SB-9 Client: General Electric Company Location: Housatonic River 1 1/2 Miles Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
370								
0		1	0-1	0.0	0.0		Dark brown SCLT	
		2	1-2	2.5	0.0		Dark fine SCLT	
955		3	3-4	0.0	0.0			
		6	4-6	0.0	0.0			
				3.1				
		5	6-8	0.0	0.0		Broken fine SAND wet	
960		8	8-9	1.0	0.0			
10								
955								
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1: PCBs; 1-3: PCBs, SVOCs, Inorganics, PCDDs/PCDFs;
 3-5: PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 5-7: PCBs.
 Groundwater is present at - 7.0' bgs.

Date Start/Finish: 2/7/2005
 Drilling Company: BBL
 Driller's Name: P.J. JTG
 Drilling Method: Direct Push
 Auger Size: 4A
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527837.3
 Easting: 127791.5
 Casing Elevation: NA
 Borehole Depth: 8' below-grade
 Surface Elevation: 976.2
 Descriptions By: GAR

Boring ID: 48-58-10
 Client: General Electric Company
 Location: Houstonia River: 1 1/2 mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Rvm Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	976.2							
1	975.0	01	01	0.6			Dark gray SILT	Boring installed with Benotto.
2	973.8	02	02	0.6			Light gray SAND and GRAVEL	
3	972.6	03	03	0.6				
4	971.4	04	04	0.6				
5	970.2	05	05	0.6				
6	969.0	06	06	0.6				
7	967.8	07	07	0.6			Dark gray SILT and GRAVEL	
8	966.6	08	08	0.6				
10	962.0							
16								



Remarks: bgs: 1' below ground surface; NA = Not Applicable/Available
 Analyses: 0-1' PCBs, SVOCs, Inorganics, PCDDs/PCOFs; 1-3' PCBs;
 3-5' PCBs; 5-7' PCBs
 The water table was not encountered during the boring installation.

Date Start/Finish: 2/12/2005
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 528010.4
 Easting: 127892.2
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 972.7
 Descriptions By: GAR

Boring ID: 4B-SS-1
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Inch/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975								
		1	0-1	0.7	0.0		Brown fine SAND and SILT.	Borehole drilled with Bentonite.
970								
945								
960								
975								

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

Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1': PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527898.8
 Easting: 127859.0
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 972.0
 Descriptions By: GAR

Boring ID: 4B-SS-2
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Inch Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0		1	0-1	1.0	0.0		Brown fine SAND with GRAVEL some silt.	Borehole backfilled with Bentonite
5	970							
10	965							
15	960							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527999.2
 Easting: 127914.6
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 975.0
 Descriptions By: GAR

Boring ID: 4B-SS-3
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Intvl/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	975	1	0.1	0.0	0.0		Brown SILT and fine SAND.	Borehole backfilled with Bentonite.
5	970							
10	965							
15	960							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527976.3 Easting: 127848.5 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 971.9 Descriptions By: GAR	Boring ID: 4B-SS-4 Client: General Electric Company Location: Houstonian River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Intvl Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	1.0	0.0		Brown fine SAND, some Silt	 Borehole backfilled with Bentonite.
970								
5								
965								
10								
960								
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: S27988.8 Easting: 127881.6 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 973.6 Descriptions By: GAR	Boring ID: 4B-SS-5 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975								
		1	0-1	0.9	0.0		Dark brown SILT and brown fine SAND, little Gravel	 Average 1.5 x 1.5 ft 1.5 ft dia. x 1.5 ft
970								
965								
960								
955								

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1' PCBs. The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/3/05 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527968.2 Easting: 127950.6 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 980.7 Descriptions By: GAR	Boring ID: 4B-SS-6 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/T/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	980	1	0-1	0.8	0.0		Light brown fine SAND, some Silt and coarse Sand.	Borehole backfilled with Benignite.
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527965.8 Easting: 127871.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 975.6 Descriptions By: GAR	Boring ID: 4B-SS-7 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	975	1	0-1	1.0	0.0		Dark brown SILT, some fine Sand, little ash, cinders, and slag.	 Air lift box drilled with Box drill
5	970							
10	965							
15	960							

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1': PCBs; MS/MSD collected (PCBs, 0-1'). The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: S27953.5 Easting: 127838.0 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 969.5 Descriptions By: GAR	Boring ID: 4B-SS-8 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	P10 Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	10	00		Gray-brown fine SAND with medium SAND and GRAVEL, little Silt.	 Borehole backfilled with Bentonite.
965								
960								
955								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1; PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527906.7 Easting: 127761.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 968.5 Descriptions By: GAR	Boring ID: 4B-SS-9 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1	1.0	0.0		Brown fine SAND, some S&G, little gravel.	 Borehole backfilled with Bentonite.
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527941.2 Easting: 127804.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 970.4 Descriptions By: GAR	Boring ID: 4B-SS-10 Client: General Electric Company Location: Houstonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	P/D Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	0-1	1.0	0.0		Brown and SAND, some Silt	 Borehole backfilled with Bentonite
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527943.2 Easting: 127860.6 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 977.2 Descriptions By: GAR	Boring ID: 4B-SS-11 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
780								
0		1	0.1	0.7	0.0		Brown fine SAND with WOOD, some coarse Sand	 - Borehole grout filled with Bentonite
975								
5								
970								
10								
965								
15								

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1' PCBs. The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527927.7 Easting: 127715.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.2 Descriptions By: GAR	Boring ID: 4B-SS-12 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		0-1		1.0	68		Gray-brown fine SAND, little S&L	 Borehole backfilled with Bentonite
965								
960								
955								
15								



Remarks: bgs = below ground surface, NA = Not Applicable/Available
 Analyses: 0-1: PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocons	Northing: 527929.1 Easting: 127771.5 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 969.2 Descriptions By: GAR	Boring ID: 4B-SS-13 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Inch/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1	10	00		Brown fine SAND, some Silt, Gravel, and coarse Sand.	 Borehole backfilled with bentonite
965								
5								
960								
10								
955								
15								

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1'; PCBs. The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Over Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527920.5 Easting: 127850.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 979.2 Descriptions By: GAR	Boring ID: 48-SS-14 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
		1	0-1	1.0	0.0		Dark brown SILT and brown fine SAND.	Borehole broken/lost with Bentonite
975	5							
970	10							
965								
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs; Duplicate Sample ID: 48-DUP-2 (PCBs, 0-1).
 The water table was not encountered during boring installation.

Date Start/Finish: 2/3/05
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527911.9
 Easting: 127928.6
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 983.3
 Descriptions By: GAR

Boring ID: 48-SS-15
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985								
0		1	0-1	10	00		Brown S&T, silt fine sand	 Borehole backfilled with Bentonite
980								
5								
975								
10								
970								
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: S27916.9 Easting: 127738.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.6 Descriptions By: GAR	Boring ID: 4B-SS-16 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	1.0	0.0		Brown fine SAND, some sil.	 Borehole backfilled with Bentonite
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs: MS/MSD collected (PCBs, 0-1').
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527861.2
 Easting: 127740.0
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.3
 Descriptions By: GAR

Boring ID: 4B-SS-17
 Client: General Electric Company
 Location: Housatonic River 1
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	P10 Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	01	1.0	0.0		Brown fine SAND with SILT, some coarse Sand and Gravel.	
965								
960								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Mand Driven
 Sample Method: 4" Macrocore

Northing: 527896.1
 Easting: 127783.7
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 969.2
 Descriptions By: GAR

Boring ID: 48-SS-18
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	1.0	0.0		Brown fine SAND with SILT	 Borehole cased with Bentonite.
965								
960								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527887.3 Easting: 127862.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 983.2 Descriptions By: GAR	Boring ID: 4B-SS-19 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985								
0		1	0-1	1.0	0.0		Brown fine SAND with dark brown SILT, some gray-brown fine Sand	 Driven & backfilled with Bentonite
980								
975								
970								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/11/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527885.3
 Easting: 127645.8
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.9
 Descriptions By: GAR

Boring ID: 4B-SS-20
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	1.0	0.0		Graysbrown fine SAND 20 to 24	Borehole cased with 2" Schedule 40 pipe.
5	965							
10	960							
15	955							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/4/2005
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4 MacroCore

Northing: 527882.7
 Easting: 127694.3
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 966.9
 Descriptions By: GAR

Boring ID: 4B-SS-21
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	SampleInType	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	Q-1	10	0.0		Brown fine SAND, some dark brown Sil.	 Borehole backfilled with Bentonite.
5	965							
	960							
10								
	955							
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: Q-1: PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: BSL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527883.5
 Easting: 127750.4
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.3
 Descriptions By: GAR

Boring ID: 4B-SS-22
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Inch Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Straigraphic Description	Boring Construction
970								
		1	0-1	1.0	00		Light-brown fine SAND, some medium to coarse sand little silt and gravel	Borehole cased with Bentonite.
965								
960								
955								
950								



Remarks: Dgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocone	Northing: 527885.7 Easting: 127886.4 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 975.3 Descriptions By: GAR	Boring ID: 4B-SS-23 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
0	975	1	31	1.0	99		Brown fine SAND with SILT	Borehole installed with Bentonite
5	970							
10	965							
15	960							



Remarks: Dgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs
 The water table was not encountered during boring installation

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: S27875.0
 Easting: 127829.1
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 978.8
 Descriptions By: GAR

Boring ID: 4B-SS-24
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample and Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
		1	0-1	1.0	0.0		Dark brown SILT, some gray-brown fine Sand.	 Borehole backfill with Bentonite.
975								
970								
965								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Nothing: S27866.6
 Easting: 127682.0
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 966.6
 Descriptions By: GAR

Boring ID: 4B-SS-23
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	1.0	0.0		Brown fine SAND -fin SILT.	 Borehole backfilled with Bentonite.
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: S27863.1
 Easting: 127795.9
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 975.7
 Descriptions By: GAR

Boring ID: 4B-SS-26
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	975	1	0-1	1.0	0.0		Brown fine SAND, some Silt and Wood.	 Borehole backfilled with Bentonite.
5	970							
10	965							
15	960							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/3/05 Drilling Company: BBL Driller's Name: GAR Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: S27862.2 Easting: 127937.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 997.7 Descriptions By: GAR	Boring ID: 48-SS-27 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990								
		1	0-1	1.0	0.0		Brown SILT and fine SAND, with Gravel	Borehole backfilled with Bentonite
985								
980								
975								
970								
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
995								
990								
985								
980								
975								
970								
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
 Drilling Company: SBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527853.5
 Easting: 127708.7
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.4
 Descriptions By: GAR

Boring ID: 4B-SS-28
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.8	00		Brown SKT, some fine sand.	 Borehole grouted with Bentonite.
965								
960								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1'; PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005
Drilling Company: BBL
Driller's Name: TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 4' Macrocore

Northing: 527850.6
Easting: 127762.7
Casing Elevation: NA
Borehole Depth: 1' below grade
Surface Elevation: 971.3
Descriptions By: GAR

Boring ID: 48-SS-29
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Intvl/Type	Recovery (feet)	PMD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	1.0	0.0		Brown fine SAND, some Silt.	 Borehole backfilled with Bentonite.
970								
5								
965								
10								
960								
15								



Remarks: dgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1'; PCBs: Duplicate Sample ID: 48-DUP-1 (PCBs, 0-1').
The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4 Macrocore	Northing: 527841.8 Easting: 127731.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 968.8 Descriptions By: GAR	Boring ID: 4B-SS-30 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample(s)/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	1.0	0.0		Brown SILT and fine SAND	Borehole backfilled with Bentonite
965								
960								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1" PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/12/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527819.5 Easting: 127775.8 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 974.9 Descriptions By: GAR	Boring ID: 4B-SS-31 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975		1	0-1	1.0	0.0		Brown fine SAND with SILT	 Borehole backfilled with Bentonite.
970								
965								
960								

 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1: PCBs. The water table was not encountered during boring installation.
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/9/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: C' Macrocore

Northing: S27861.7
 Easting: 127638.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.7
 Descriptions By: GAR

Boring ID: 4C-SB-1
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1		0.0		Medium brown fine to medium SAND and SILT, trace fine gravel and organic material (Roots)	Borehole backfilled with Bentonite
9.5		2	1-3	4.0	0.0		Light brown fine SAND, trace SILT.	
		3	3-4		0.0			
5		4	4-6		0.0			
				4.0			Saturated at E.O. top	
9.0		5	6-8		0.0			
10		6	8-16		0.0		Gray fine to coarse SAND and fine to medium GRAVEL, trace SILT	
				3.3				
9.5		7	10-12		0.0			
		8	12-14		0.0			
				2.0				
1.5		9	14-15		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDFs; 2-3': PCBs; 3-6': PCBs;
 6-10': PCBs, SVOCs, Inorganics, PCDD/PCDFs; 10-15': PCBs.
 Water table apparently encountered due to the presence of saturated soils at
 ~ 6.0' bgs.

Date Drury/Finish: 09/2005
 Drilling Company: BBL
 Driller's Name: PP, JTC
 Drilling Method: Over Push
 Auger Size: 1 1/2"
 Rig Type: Tripod Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: S27790.5
 Easting: 127512.1
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.8
 Descriptions By: GAR

Boring ID: 4C-SB-2
 Client: General Electric Company
 Location: Houston 2 River 1 1/2 Mile
 Phase: Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Type	Recovery (feet)	PTD Headspace (feet)	Geologic Column	Stratigraphic Description	Boring Construction
		1	01		3.8		Dark brown Silt, some fine Sand Brown fine SAND, fine Sil	Borehole installed with Bentonite
94.0		2	02	3.8	0.0			
		3	03		0.8			
		4	04		0.8			
				3.0				
94.0		5	05		0.0		Dark brown fine SAND, w/ sil. Schwed at 8.0' bgs.	
				3.8				
		7	07		0.0		Dark brown fine SAND, some fine Sil, w/ sil.	
93.0		8	08		0.0			
		9	09		0.4		Grey-blu. calcare SAND, some fine Gravel, w/ sil.	
				3.6				
		11	11		0.4			

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 0-1: SVOCs, Inorganics, PCDD/PCDFs; 2-3: PCBs; 3-6: PCBs, SVOCs, Inorganics, PCDD/PCDFs; 6-10: PCBs, SVOCs, Inorganics, PCDD/PCDFs; 10-15: PCBs; MSMSD collected (PCBs, 2-3).
 Water table apparently sloped due to the presence of saturated soils at ~ 8.0 bgs.

Date Start/Finish: 2/14/05 Drilling Company: BBL Driller's Name: PF_JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4' Macrodrill	Northing: 527781.2 Easting: 127611.0 Casing Elevation: NA Borehole Depth: 15' below ground Surface Elevation: 366.5 Descriptions By: GAR	Boring ID: 4C-SB-3 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample ID Type	Recovery (feet)	PLD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	3-1		0.0		Dark brown SILT	
34.5		2	1-0	3.2	0.0		Brown fine SAND	
		3	3-4		0.0			
		4	4-6		0.0		Wet brown SILT ssp	
34.0		5	6-8	3.3	0.0			
		6	6-10		0.0		Gray-brown fine SAND, wet	
33.0		7	10-12		0.0			
		8	12-14		0.0		Grey fine SAND, dark brown SILT and PEAT	
		9	14-15	2.9	0.0		Grey fine SAND	
31.5								



Remarks: bgs = below ground surface; NA = Not applicable/available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDFs; 2-3': PCBs;
 1-3': SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs;
 6-10': PCBs; 10-15': PCBs, SVOCs, Inorganics, PCDD/PCDF
 Groundwater is present at ~ 5.0' bgs

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: PF, JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4' Macrocore	Northing: 527758.8 Easting: 127722.0 Casing Elevation: NA Borehole Depth: 10' below grade Surface Elevation: 968.6 Descriptions By: GAR	Boring ID: 4C-SB-4 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1		0.0		Dark brown SILT.	 Borehole backfilled with Bentonite.
		2	1-2	2.5	0.0		Brown fine SAND with GRAVEL.	
965		3	3-4		0.0			
		4	4-6		0.0		Gray-brown fine SAND, some medium to coarse Sand, little gravel.	
		5	6-8	2.0	0.0			
960		6	8-10	1.5	0.0		Gray-brown fine SAND, wet.	
955								
950								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs; 1-2'; PCBs; 2-4'; PCBs; 4-6'; PCBs;
 Groundwater is present at ~ 8.0' bgs.

Date Start/Finish: 2/9/2005
 Drilling Company: BBL
 Driller's Name: PF JTG
 Drilling Method: Direct Flush
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527892.1
 Easting: 127494.3
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 266.9
 Descriptions By: GAR

Boring ID: 4C-SB-5
 Client: General Electric Company
 Location: Houston River 1 1/2 Miles
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Type	Recovery (feet)	POD Headspace (ppm)	Centrig. Column	Stratigraphic Description	Boring Construction
0								
1	267	2-1		00			2nd layer SPT Crumbly, big SAND	Boring is 12" dia with 1/2" wall
2	266	2-2		00			Small size SAND	
3		2-3		00				
4		2-4		00				
5	265			25			Gravelly fine SAND, saturated w/ SPT tip	
6		2-5		00				
7	264			20			Gravelly fine SAND, some fine gravel, some wood	
8		2-6		00				
9	263			20			Drainage cover for SAND, some gravel	
10		2-7		00				
11		2-8		00				



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analytes: 0-1' SVOCs, Inorganics, PCDDs/PCDFs; 1-3' SVOCs, Inorganics, PCDDs/PCDFs; 2-3' PCBs; 3-6' PCBs, SVOCs, Inorganics, PCDDs/PCDFs; 6-10' PCBs; 10-15' PCBs.
 Water table apparently encountered due to the presence of saturated soils at ~ 6.0' bgs

Date Start/Finish: 2/9/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527674.3
 Easting: 127592.2
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.7
 Descriptions By: GAR

Boring ID: 4C-SB-6
 Client: General Electric Company
 Location: Housestonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PHD Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	965	1	0-1		0.0		Dark brown SILT, with fine to medium SAND, trace fine gravel and organic material (roots)	
		2	1-3	1.0	0.0		Brown fine SAND and SILT	
		3	3-4		0.0		Saturated at 4.0' bgs	
5	960	4	4-6		0.0			
		5	6-8	4.0	0.0		Brown fine to coarse SAND,	
		6	8-10		0.0			
10	955	7	10-12	1.0	0.0		Dark brown PEAT and SILT.	
		8	12-14		0.0		Gray fine to coarse SAND and fine GRAVEL, trace SILT	
		9	14-15	3.0	0.0			
15	950							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDFs; 2-3': PCBs;
 3-6': PCBs; 6-10': PCBs; 10-15': PCBs, SVOCs, Inorganics, PCDD/PCDFs,
 Water table apparently encountered due to the presence of saturated soils at
 - 4.0' bgs.

Date Start/Finish: 2/14/05
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: S27661.5
 Easting: 127698.7
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.9
 Descriptions By: GAR

Boring ID: 4C-SB-7
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 2 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (open)	Geologic Column	Stratigraphic Description	Boring Construction
	965	1	0-1		0.0		Dark brown SILT.	
		2	1-3	2.5	0.0		Brown fine SAND	
		3	3-4		0.0		wet below 4.0' bgs	
5		4	4-6		0.0			
	960			2.5			Grays brown fine SAND with SILT, wet.	
		5	6-6		0.0			
		6	6-10		0.0		Grays brown fine SAND and GRAVEL, dense, wet.	
10				2.2				
	955	7	10-12		0.0			
		8	12-14		0.0			
		9	14-15		0.0			
	950							

Borehole backfilled with Bentonite

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analysis: 1-3: SVOCs, Inorganics, PCDD/PCDF; 2-3: PCBs;
 3-6: PCBs; 6-10: PCBs, SVOCs, Inorganics, PCDD/PCDF;
 10-15: PCBs.
 Groundwater is present at ~ 4.0' bgs.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: FF/JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Jack Hammer
 Sample Method: 4' Macrocore

Northing: 527633.6
 Easting: 127736.7
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: 987.8
 Descriptions By: GAR

Boring ID: 4C-SB-8
 Client: General Electric Company
 Location: Houstonia River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int Type	Recovery (feet)	PIU Headspace (ft/m)	Geologic Column	Stratigraphic Description	Boring Construction
990								
		1	0-1	0.0			Dark brown S&T	 Borehole section with sampler
		2	1-3	2.5			Brown fine SAND	
985		3	3-4	0.0			Gray brown fine SAND with GRAVEL	
		4	4-6	0.0			Gray fine SAND, to fine medium sand, like gravel	
		5	5-5	0.0				
980		6	6-10	4.0				
875								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1: PCBs; 1-2: PCBs; 2-4: PCBs; 4-6: PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/10/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: 44
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527698.4
 Easting: 127419.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 963.7
 Descriptions By: GAR

Boring ID: 4C-SB-9
 Client: General Electric Company
 Location: Housatonic River + 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Readings (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	3-1	3.0			Dark brown SILT, with gray fine Sand	
		2	1-3	3.0	Brown fine SAND, with 30 per Organic material (Wood)			
960		3	3-4	0.6				
		4	4-6	2.0	Gray fine SAND, wet			
		5	6-8	2.0	Gray SILT, wet to very wet, silty, some fine sand, wet			
955		6	8-10	2.0	Gray fine to coarse SAND, some coarse wet			
		7	10-12	2.0	Gray fine SAND, some medium, sand, wet			
		8	12-14	2.0				
950		9	14-15	1.0				



Remarks: 15' below ground surface; NA = Not Applicable/Notable.
 Analyses: 0-1': SVOCs, Inorganics, PCODs/PCDFs, 2-3: PCBs,
 3-6: PCBs, SVOCs, Inorganics, PCODs/PCDFs,
 6-10': PCBs, SVOCs, Inorganics, PCODs/PCDFs,
 Duplicate Sample ID: 4C-Dist-2 (PCBs, SVOCs, Inorganics, PCOD/PCDF, 1-6').
 Groundwater is present at ~ 3.0' bgs.

Date Start/Finish: 2/28/2005
 Drilling Company: BBL
 Driller's Name: PF, JTB
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527564.2
 Easting: 127475.5
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.2
 Description By: GAR

Boring ID: 4C-5B-10
 Client: General Electric Company
 Location: Houston River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965		1	2-1		0.0		Dark brown Silt	As shown in sketch with Baricore
		2	1-3	3.2	0.0		Brown fine SAND	
		3	3-4		0.0			
960		4	4-4		0.0		Greyish brown fine SAND, wet	
		5	4-5		0.0			
958		6	5-5		0.0			
		7	6-11		0.0		Greyish brown to medium SAND wet	
		8	12-14		0.0		Orange-brown fine SAND with 0.5% CL, silty, wet	
		9	14-15		0.0			
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1: SVOCs, Inorganics, PCDDs/PCDFs; 2-3: PCBs;
 3-4: PCBs, 6-10: PCBs.
 Groundwater is present at ~ 5.0' bgs.

Date Start/Finish: 2/10/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 1/ Microcore

Northing: 527575.9
 Easting: 127374.7
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.0
 Descriptions By: CAR

Boring ID: 4C-SB-11
 Client: General Electric Company
 Location: Housatonic River - 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval/Type	Recovery (feet)	STD Headspace (norm)	Geologic Column	Stratigraphic Description	Boring Construction
965		1	0-1		0.0		Dark brown SILT, fine fine Sand and Wood	As-Installed w/c Borehole
		2	1-2	12	0.0		Brack fine SAND,	
		3	3-4		0.0			
960		4	4-6		0.0		Wet brown SILT	
		5	6-8	18	0.0			
		6	8-10		0.0		Gray fine to medium SAND, wet	
950		7	10-12	14	0.0		Gray fine SAND, with Wood, (No SIL, etc)	
		8	12-14		0.0		Orange-brown fine SAND, with COARSE, brown, wet	
945		9	14-15	16	0.0			
940								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 1-3: SVOCs, Inorganics, PCDDs/PCDFs; 2-3: PCBs; 3-6: PCBs;
 6-10: PCBs; MS/MSD collected (SVOCs, Inorganics, PCDD/PCDF; 1-3);
 MS/MSD collected (PCBs; 3-6).
 Groundwater is present at ~ 5.0 bgs.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527512.4
 Easting: 127642.5
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: 968.2
 Descriptions By: GAR

Boring ID: 4C-SB-12
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1		0.0	Geologic Column	Brown fine SAND, some SL	Borehole backfilling with Bentonite
		2	1-3	2.0	0.0		Brown fine SAND, some Gravel	
965		3	3-4		0.0			
5		4	4-4		0.0		Brown fine SAND, wet.	
		5	6-8	2.5	0.0			
960		8	8-10	2.0	0.0		Gray below 9.0' bgs.	
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs; 1-2': PCBs; 2-4': PCBs; 4-6': PCBs.
 Groundwater is present at ~ 5.0' bgs

Date Start/Finish: 2/10/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527527.2
 Easting: 127381.3
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.1
 Descriptions By: GAR

Boring ID: #C-SB-13
 Client: General Electric Company
 Location: Houstonia River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PTD Headspace (psfm)	Geologic Column	Stratigraphic Description	Boring Construction
	965.1	1	0-4	0.0	0.0		Brown and dark brown S&T fine fine sand	
		2	1-3	2.5	0.0			
		3	3-4	0.0	0.0		Brown fine SAND with silt & fines	
	960	4	4-6	0.0	0.0			
		5	6-8	1.7	0.0		Gray fine to medium SAND, wet	
		6	8-10	0.0	0.0		Gray fine to medium SAND, some wood, fine sh, wet	
	955	7	10-12	0.0	0.0		Gray-fine to coarse SAND, some gravel, wet	
		8	12-14	0.0	0.0			
		9	14-15	0.0	0.0			
15	950							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDDs/PCDFs; 2-3': PCBs;
 1-3': SVOCs, Inorganics, PCDDs/PCDFs; 3-6': PCBs;
 6-10': PCBs, SVOCs, Inorganics, PCDDs/PCDFs.
 Groundwater is present at ~ 4.0' bgs

Date Start/Finish: 2/11/05
 Drilling Company: BBL
 Driller's Name: JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527495.9
 Easting: 127458.2
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 965.7
 Descriptions By: GAR

Boring ID: 4C-SB-14
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965.7	1	0-1	0.0	0.0		Dark brown SILT.	
		2	1-3	3.0	0.0		Brown fine SAND, some SILT.	
		3	3-4	0.0	0.0		Brown fine SAND	
		4	4-6	0.0	0.0		Clay brown fine to medium SAND, etc.	
5	960	5	6-8	0.0	0.0		Clay brown fine to coarse SAND, some GRAVEL, etc.	
		6	8-10	0.0	0.0		Clay brown fine to coarse SAND, some GRAVEL, etc.	
10	955	7	10-12	0.0	0.0		Clay brown fine to coarse SAND, some GRAVEL, etc.	
		8	12-14	0.0	0.0		Clay brown fine to coarse SAND, some GRAVEL, etc.	
		9	14-15	0.0	0.0		Clay brown fine to coarse SAND, some GRAVEL, etc.	
15	950							

Borehole sketching well - bentonite



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3: PCBs; 3-6: PCBs; 8-10: PCBs.
 Groundwater is present at - 5.0' bgs.

Date Start/Finish: 2/14/05
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527454.4
 Easting: 127569.4
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.7
 Descriptions By: GAR

Boring ID: 4C-SB-15
 Client: General Electric Company
 Location: Houstonic River | 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	P.D. Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		4.0		Case below SB 1	Borehole backfilled with bentonite.
		2	1-3	2.8	8.8		Blow line (S&D)	
		3	3-4		9.0		Wet below 1' bgs.	
960		4	4-6		8.0			
		5	6-4	2.5	0.0		Gray fine (S&D), SB 1 and P(2) wet	
		6	6-10		0.0		Gray brown fine (S&D), fine coarse Sand and Gravel wet	
955		7	10-12	3.0	0.0			
		8	12-14	NA	0.0			
950		9	14-15		0.0			

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3': PCBs; 3-6': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 6-10': PCBs
 Groundwater is present at ~ 4.0' bgs.

Date Start/Finish: 2/11/05
 Drilling Company: BBL
 Driller's Name: JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527410.4
 Easting: 127365.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 967.4
 Descriptions By: GAR

Boring ID: 4C-SB-16
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (pdm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1		0.0		Brown S&T, Gray-brown fine SAND	Borehole backfilled with Benorex.
965		2	1-3	2.5	0.0		Brown fine SAND, also S&T	
		3	3-4		0.0			
5		4	4-6		0.0			
				3.5			Brown fine SAND, wet.	
960		5	6-8		0.0			
		6	8-10		0.0			
70				3.5			Gray-brown fine to coarse SAND, some Gravel, wet.	
		7	10-12		0.0			
955								
		8	12-14		0.0		Gray fine to coarse SAND, some Gravel, some wet.	
				NA				
		9	14-15		0.0			
95								

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3: PCBs; 3-6: PCBs; 6-10: PCBs.
 Groundwater is present at -6.0' bgs.

Date Start/Finish: 2/11/05
 Drilling Company: BBL
 Driller's Name: JTC
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527386.0
 Easting: 127433.3
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.1
 Descriptions By: GAR

Boring ID: 4C-SB-17
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Brown SILT with fine SAND.	Borehole backfilled with Bentonite
		2	1-3	2.0	0.0		Brown fine SAND	
		3	3-4		0.0			
960		4	4-6		0.0			
		5	6-8	1.5	0.0		Grey fine SAND, wet.	
		6	8-10		0.0		Grey fine to coarse SAND, some gravel, wet.	
955		7	10-12		0.0			
		8	12-14		0.0		Grey-brown fine SAND, coarse, wet.	
950		9	14-15		0.0			

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

Remarks: ogs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF; 2-3': PCBs;
 1-3': SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs; 6-10': PCBs.
 Groundwater is present at - 8.0' bgs.

Date Start/Finish: 2/11/05
 Drilling Company: BBL
 Driller's Name: JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527378.9
 Easting: 127539.1
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 983.9
 Descriptions By: GAR

Boring ID: 4C-SB-18
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mils
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sampler/Type	Recovery (feet)	PID Headspace (psm)	Geologic Column	Stratigraphic Description	Boring Construction
985								
		1	0-1	0.0			Dark brown SILT	 Borehole annulus with bentonite...
		2	1-3	2.3	0.0		Brown fine SAND	
960		3	3-4	0.0			Gray-brown fine SAND, wet	
5		4	4-6	0.0			Gray fine to coarse SAND, some Gravel, wet	
		5	6-8	2.3	0.0		Gray fine to coarse SAND, some Gravel, wet	
935		6	8-10	0.0			Gray fine to coarse SAND, some Gravel, wet	
10		7	10-12	2.3	0.0		Gray fine to coarse SAND, some Gravel, wet	
		8	12-14	0.0			Gray fine to coarse SAND, some Gravel, wet	
950		9	14-15	2.0	0.0		Gray fine to coarse SAND, some Gravel, wet	
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3: PCBs; 3-6: PCBs; 6-10: PCBs;
 Duplicate Sample ID: 4C-DUP-3 (PCBs, 2-3); MS/MSD collected (PCBs, 2-6).
 Groundwater is present at - 4.0' bgs.

Date Start/Finish: 2/16/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527314.0
 Easting: 127328.9
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 968.9
 Descriptions By: GAR

Boring ID: 4C-SB-19
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1		0.0		Brown SILT with fine SAND.	Borehole backfilled with Bentonite.
965		2	1-2	3.0	0.0		Brown fine SAND.	
		3	2-3		0.0			
5		4	4-5		0.0			
				3.2				
960		5	6-8		0.0			
							Gray fine SAND, some coarse Sand and Gravel, wet.	
10		6	8-10		0.0			
				3.0				
955		7	10-12		0.0			
		8	12-14		0.0			
				1.2				
15		9	14-15		0.0			

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDFs; 2-3': PCBs;
 3-6': PCBs, SVOCs, Inorganics, PCDD/PCDFs; 6-10': PCBs;
 Duplicate Sample ID: 4C-DUP-5 (3-6').
 Groundwater is present at ~ 8.0' bgs.

Date Start/Finish: 2/16/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Monning: 527322.2
 Easting: 127441.6
 Casing Elevation: NA
 Borehole Depth: 75' below grade
 Surface Elevation: 964.6
 Descriptions By: GAR

Boring ID: 4C-SB-20
 Client: General Electric Company
 Location: Houstonian River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	4-1		0.0		Dark brown SILT.	 Borehole backfilled with Bentonite
		2	1-3	2.5	0.0		Brown fine SAND, some SILT.	
		3	3-4		0.0		Brown fine SAND, Wet below 4.0' bgs.	
960		4	4-6		0.0			
		5	6-8	3.5	0.0		Gray-brown fine SAND, wet.	
		6	8-10		0.0		Brown fine to coarse SAND, wet.	
955		7	10-12	3.0	0.0			
		8	12-14		0.0		Gray fine SAND with SILT, wet.	
950		9	14-15		0.0		Brown fine SAND, wet.	



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3: PCBs; 3-6: PCBs, SVOCs, Inorganics, PCDD/PCDFs;
 8-10: PCBs; MSMSO collected (PCBs, SVOCs, Inorganics, PCDD/PCDF: 3-6).
 Groundwater is present at - 4.0' bgs.

Date Start/Finish: 2/16/2005
 Drilling Company: BBL
 Driller's Name: GAR
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527280.6
 Easting: 127519.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.0
 Descriptions By: GAR

Boring ID: 4C-SB-21
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 1 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0	[Dotted pattern]	Brown fine SAND, some SILT	Borehole backfilled with Bentonite
		7	1-3	2.0	0.0			
		2	3-4		0.0			
960								
		4	4-6		0.0	[Dotted pattern]	Brown fine SAND, wet.	
				2.8				
		5	6-8		0.0			
955								
		6	8-10		0.0	[Dotted pattern]	Gray-brown fine SAND, some coarse Sand and Gravel, wet.	
				2.2				
		7	10-12		0.0			
950								
		8	12-14		0.0	[Dotted pattern]		
				2.2				
		9	14-15		0.0			
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDFs; 2-3': PCBs; 3-6': PCBs;
 6-10': PCBs, SVOCs, Inorganics, PCDD/PCDFs.
 Groundwater is present at - 4.0' bgs.

Date Start/Finish: 2/17/05
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527256.3
 Easting: 127635.0
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: 970.0
 Description By: GAR

Boring ID: 4C-SB-22
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970		1	0-1		00		Dark brown SILTY.	
		2	1-2	23	00		Brown fine SAND	
		3	2-3		00			
965		4	4-6	25	00		Grayish-brown fine SAND with GRAVEL.	
		5	6-8		00			
		6	8-10	15	00		Grayish-brown fine SAND, some Gravel, nodules.	
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-2': PCBs, SVOCs, Inorganics, PCDD/PCDF; 2-4': PCBs;
 4-6': PCBs, SVOCs, Inorganics, PCDD/PCDF
 The water table was not encountered during boring installation.

Date Start/Finish: 2/17/05
 Drilling Company: BBL
 Driller's Name: PF_JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527218.0
 Easting: 127304.7
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.7
 Descriptions By: GAR

Boring ID: 4C-SB-33
 Client: General Electric Company
 Location: Houstonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Type	Recovery (feet)	P/O Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
98.5		1	2-1		0.0		Dark brown CLT	Borehole lined with Bentonite
		2	1-3	3.0	0.0		Brown to SAND, some Gravel	
		3	3-4		0.0			
		4	4-5		0.0			
94.0		5	6-9	3.5	10.0		Gray brown fine SAND, wet	
		6	8-10		0.0		Gray fine SAND, with fine sand and silt, wet	
91.0		7	10-12	3.3	0.0		Dark brown to coarse SAND, with Gravel, wet	
		8	13-14		0.0			
		9	14-15		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 1-3: SVOCs, Inorganics, PCDD/PCDF; 2-3: PCBs;
 3-6: PCBs; 6-10: PCBs, SVOCs, Inorganics, PCDD/PCDF.
 Groundwater is present at ~ 6.0' bgs.

Date Start/Finish: 2/17/05 Drilling Company: BBL Driller's Name: PF, JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4" Macrocore	Northing: 577200.0 Easting: 127400.4 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 964.7 Descriptions By: GAR	Boring ID: 4C-SB-24 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase # Floodplain
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PID Headspace (Depth)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Dark brown S&T	Borehole backing with Bentonite
		2	1-3	3.0	0.0		Brown fine SAND	
		3	3-4		0.0		Water table = 0 bgs	
955		4	4-6		0.0			
		5	6-8	3.0	0.0			
		6	8-10		0.0		Gray-brown fine SAND, wet	
955		7	10-12	3.0	0.0			
		8	12-14		0.0			
		9	14-15	NA	0.0			
950								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 2-3: PCBs; 3-5: PCBs; 6-10: PCBs
Groundwater is present at - 4.0 bgs.

Date Start/Finish: 2/22/05 Drilling Company: BBL Driller's Name: PF_JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4" Macrocore	Northing: 527167.1 Easting: 127499.8 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 962.9 Descriptions By: GAR	Boring ID: 4C-SB-25 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
0		1	0-1		0.0		Dark brown SILT	Borehole cased with Bentonite
		2	1-3	3.0	0.0		Brown SILT and fine SAND	
960		3	3-4		0.0		Brown fine SAND	
		4	4-5		0.0		Gray-brown fine SAND, wet	
		5	5-6	3.2	0.0		Gray fine to coarse SAND, little brown Sil and Peat, wet	
955		6	6-10		0.0		Gray-brown fine to coarse SAND and medium GRAVEL, wet	
		7	10-12	3.2	0.0		Gray-brown fine to coarse SAND and medium GRAVEL, wet	
950		8	12-14		0.0		Gray-brown fine to coarse SAND and medium GRAVEL, wet	
		9	14-15	3.0	0.0		Gray-brown fine to coarse SAND and medium GRAVEL, wet	
945								

<p>BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists</p>	<p>Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 2-3: PCBs; 3-6: PCBs; 6-10: PCBs Groundwater is present at ~ 4.0' bgs.</p>
---------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/16/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527163.6
 Easting: 127600.4
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 964.1
 Descriptions By: GAR

Boring ID: 4C-SB-26
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Brown SILT.	
		2	1-3	2.5	0.0		Brown fine SAND.	
		3	3-4		0.0			
960							Wet below 4.0' bgs	
5		4	4-6		0.0			
				3.7				
		5	6-8		0.0		Gray fine SAND, some Silt and Peat, wet.	
							Gray fine SAND, some medium to coarse Sand and Gravel, wet.	
955		6	8-10		0.0			
20				3.5				
		7	10-12		0.0			
		8	12-14		0.0			
				NA				
950		9	14-15		0.0			
25								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3': PCBs; 3-6': PCBs; 6-10': PCBs.
 Groundwater is present at - 4.0' bgs.

Date Start/Finish: 2/9/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Core Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527620.4
 Easting: 127534.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 966.8
 Descriptions By: GAR

Boring ID: 4C-SB-27
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PIC Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1		0.0		Brown CLT and fine SAND	Borehole sacrificed with bentonite
965		2	1-3	3.2	0.0		Gray-brown fine SAND, fine SIL	
		3	3-4		0.0			
5		4	4-6		0.0			
				3.7			Dark gray-brown fine SAND, some SIL petroleum odor	
960		5	6-8		1.0			
							Dark gray-brown fine SAND, fine SIL, strong petroleum odor	
10		6	8-10		5.0			
				3.2				
955		7	10-12		0.8		Gray-brown fine to medium SAND, some SIL and Wood	
		8	12-14		0.0			
				1.5				
		9	14-15		3.0			
4.6								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 2-3: PCBs; 3-6: PCBs, SVOCs, Inorganics, PCDD/PCDF
 8-10: PCBs, 10-15: PCBs; Duplicate Sample ID: 4C-DUP-1 (PCBs, 2-3)
 Water table apparently encountered due to the presence of saturated soils at ~8.0' bgs.

Date Start/Finish: 2/10/2005 Drilling Company: BSI Driller's Name: PF, JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Tractor Mounted Power Probe Sample Method: 4' Macsbore	Northing: 537486.1 Easting: 127198.5 Casing Elevation: NA Borehole Depth: 15' below grade Surface Elevation: 966.5 Descriptions By: GAR	Boring ID: 4C-SB-28 Client: General Electric Company Location: Houston-C River: 1 1/2 Mile Phase # Floodplain
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Depth (ft)	Recovery (feet)	PID Headspace (feet)	Geologic Column	Stratigraphic Description	Boring Construction
	965	1	0-1		0.0		Get down SKT	Borehole backfilled with Bentonite
		2	1-3	3.0	0.0		Brown fine SAND	
		3	3-4		0.0			
		4	4-6		0.0			
	960			1.0			Brown fine SAND, wet	
		6	6-8		0.0		Gray fine SAND with medium coarse SAND, wet	
		8	8-10		0.0			
	955			3.5				
		11	10-12		0.0		Gray fine coarse SAND with GRAVEL, wet	
		8	12-14		0.0			
		9	14-15		0.0			



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analysis: 1-3: PCBs; 3-6: PCBs; 8-10: PCBs
 Groundwater is present at ~ 6.0' bgs.

Date Start/Finish: 2/17/05
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4' Macrocore

Northing: 527401.5
 Easting: 127635.4
 Casing Elevation: NA
 Borehole Depth: 10' below grade
 Surface Elevation: 953.4
 Descriptions By: GAR

Boring ID: 4C-SB-29
 Client: General Electric Company
 Location: Houstonic River 1 1/2 Miles
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Dark brown SILT and brown fine SAND, some Gravel.	Borehole equipped with Benjamins
				7.8	0.0		Brown fine SAND.	
820		3	3-4		0.0		Gray brown fine SAND, wet.	
				3.5	0.0			
		5	5-8		0.0		Gray fine SAND, some SILT and Peat, wet.	
					0.0		Gray fine to coarse SAND, some Gravel, wet.	
953		8	8-10		0.0			
24								
950								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs, SVOCs, Inorganics, PCDD/PCDF;
 1-2' PCBs; 2-4': PCBs, SVOCs, Inorganics, PCDD/PCDF; 4-8': PCBs.
 Groundwater is present at + 4.0 bgs.

Date Start/Finish: 2/10/2005
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Tractor Mounted Power Probe
 Sample Method: 4" Macrocore

Northing: 527655.4
 Easting: 127435.8
 Casing Elevation: NA
 Borehole Depth: 15' below grade
 Surface Elevation: 963.9
 Descriptions By: GAR

Boring ID: 4C-SB-30
 Client: General Electric Company
 Location: Mousatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1		0.0		Brown SILT, fine and sand.	 Borehole backfilled with Bentonite
		2	1-3	3.0	0.0		Gray-brown fine SAND with SILT	
		3	3-4		0.0		Gray-brown fine SAND.	
960							Gray-brown fine SAND, some Wood wool	
		4	4-6		0.0			
		5	6-8	1.0	0.0			
		6	8-10		0.0			
955								
		7	10-12		0.0			
		8	12-14		0.0		Gray fine to medium SAND, wood.	
950							Gray-brown fine SAND, with Gravel and wood wool.	
		9	14-15		0.0			
945								



Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 2-3': PCBs; 3-6': PCBs; 6-10': PCBs; 10-15': PCBs.
 Groundwater is present at ~ 4.0' bgs.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 927827.9
 Easting: 127731.7
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 958.0
 Descriptions By: GAR

Boring ID: 4C-SS-1
 Client: General Electric Company
 Location: Houstonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.9	0.0		Dark brown SILT and brown fine SAND, silt Gravel	 Borehole cased with Bentonite
965								
960								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1': PCBs; MSMSD collected (PCBs, 0-1')
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527804.1 Easting: 127775.6 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 976.3 Descriptions By: GAR	Boring ID: 4C-SS-2 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sampler/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1	1.0	0.0		Brown fine SAND, some dark brown Silt, little gravel	 Borehole backfilled with Bentonite.
975								
5								
970								
10								
965								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs;
 Duplicate Sample ID: 4C-DUP-4 (0-1').
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527783.0
 Easting: 127708.3
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 967.6
 Descriptions By: GAR

Boring ID: 4C-SS-3
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (nom)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	B-1	1.0	0.0		Dark brown S&L with ASH, CHIMERS, and SLAG, fine fine Sand	 Borehole backfilled with Barite
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								



Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527739.1
 Easting: 127683.4
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 968.2
 Descriptions By: GAR

Boring ID: 4C-SS-4
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970							
1	963	01	10	0.0			Brown fine SAND with dark brown SILT like Gravel.	Borehole backfilled with Bentonite.
5	960							
10	955							
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'. PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527715.6 Easting: 127726.9 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 973.9 Descriptions By: GAR	Boring ID: 4C-SS-5 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Interval Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975								
		1	0-1	10	0.0		Dark brown Silty, some brown fine Sand, little gravel	 Borehole backfilled with Bentonite
970								
965								
960								

 BBL ® BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available Analyses: 0-1': PCBs The water table was not encountered during boring installation.
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/1/2005
 Drilling Company: BBL
 Driller's Name: TJM
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527677.8
 Easting: 127756.3
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 985.7
 Descriptions By: GAR

Boring ID: 4C-SS-6
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	985	1	0-1	1.0	0.0		Dark brown silt, some gray brown fine sand.	Borehole backfilled with Bentonite.
5	980							
10	975							
15	970							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyzes: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/05
 Drilling Company: BBL
 Driller's Name: PF, JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527658.0
 Easting: 127803.2
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 994.3
 Descriptions By: GAR

Boring ID: 4C-SS-7
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995								
		1	0-1	1.0	0.0		Gray-brown fine SAND, coarse SL, fine gravel	 Borehole backfill with bentonite
990	5							
985	10							
980	15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/1/2005 Drilling Company: BBL Driller's Name: TJM Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527623.5 Easting: 127783.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 994.8 Descriptions By: GAR	Boring ID: 4C-SS-8 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headpace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995		1	0-1	10	0.0		Dark brown S&T, some brown fine Sand and Wood	Borehole backfilled with Bentonite
990								
985								
980								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527587.9
 Easting: 127720.1
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 989.9
 Descriptions By: GAR

Boring ID: 4C-SS-9
 Client: General Electric Company
 Location: Houstonic River 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	989	1	0-1	12	00		Brown fine SAND, some dark brown Sil. silt gravel.	Borehole capped with Bentonite.
5	985							
10	980							
15	975							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 627579.8
 Easting: 127764.5
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 994.1
 Descriptions By: GAR

Boring ID: 4C-SS-10
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int'l Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995								
0		1	D-1	0.8	0.0		Dark brown SLT and fine SAND. lite gravel	 Borehole section with Bellville.
990								
5								
985								
10								
980								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: D-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527566.1
 Easting: 127653.2
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 970.9
 Descriptions By: GAR

Boring ID: 4C-SS-11
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int'l Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	Q-1	1.0	0.0		Dark brown SILT with brown fine SAND	 Borehole backfilled with Bentonite.
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527555.3 Easting: 127702.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 983.0 Descriptions By: GAR	Boring ID: 4C-SS-12 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	P/D Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985								
		1	9:1	10	00		Dark brown SILT with brown fine SAND, little Gravel	Borehole backfilled with Bentonite.
980								
975								
970								
965								

<p>BBL® BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists</p>	<p>Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1', PCBs. The water table was not encountered during boring installation.</p>
----------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527544.9 Easting: 127751.4 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 993.8 Descriptions By: GAR	Boring ID: 4C-SS-13 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995								
0		1	0-1	0.8	0.0		Brown SILT and fine SAND, some Wood.	 Borehole backfilled with Bentonite.
990								
5								
985								
10								
980								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/15/2005 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527502.2 Easting: 127690.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 976.6 Descriptions By: GAR	Boring ID: 4C-SS-14 Client: General Electric Company Location: Houstonic River 1 1/2 Mile Phase 4 Floodplain
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Samplein/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Spring Construction
		1	0-1	12	60		Dark brown SILT and brown fine SAND	 Borehole capliner with Boreliner
5	975							
10	970							
15	965							



Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1' PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4' Macrocore

Northing: 527453.0
 Easting: 127623.8
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 969.9
 Descriptions By: GAR

Boring ID: 4C-SS-15
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	0-1	1.0	0.0		Dark brown SLT and brown fine SAND; some coarse Sand	 Borehole cased with Borehole
5	965							
10	960							
15	955							

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

Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1' PCBs; MS/MSD collected (PCBs, 0-1').
 The water table was not encountered during boring installation

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527444.9 Easting: 127673.4 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 964.6 Descriptions By: GAR	Boring ID: 4C-SS-16 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965	1	0-1	1.0	0.0		Brown fine SAND, some Silt	Borehole backfilled with Bentonite.
5	960							
10	955							
15	950							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1'; PCBs; Duplicate Sample ID: 4C-DUP-6 (PCBs, 0-1').
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05
 Drilling Company: BBL
 Driller's Name: JEG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527404.8
 Easting: 127611.3
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 967.4
 Descriptions By: GAR

Boring ID: 4C-SS-17
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	0-1	0.0	0.0		Brown fine SAND with pink brown S<	 Borehole cased with Bentonite
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527355.8 Easting: 127602.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 970.3 Descriptions By: GAR	Boring ID: 4C-SS-18 Client: General Electric Company Location: Housatonic River, 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/in/T type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	0-1	1.0	0.0		Brown fine SAND, some Silt and coarse Sand	 Borehole backfilled with Bentonite
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527353.5 Easting: 127653.0 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 963.1 Descriptions By: GAR	Boring ID: 4C-SS-19 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1	0.9	0.0		Dark brown Silt and brown fine SAND, some coarse Sand	 Borehole backfilled with Bentonite.
960								
5								
955								
10								
950								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Analyses: 0-1: PCBs.
The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527306.6 Easting: 127607.1 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 970.5 Descriptions By: GAR	Boring ID: 4C-SS-20 Client: General Electric Company Location: Housatonic River 1 1/2 Miles Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (pdm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
970		1	0-1	0.9	0.0		Brown fine SAND, some Silt and Gravel	 Borehole backfilled with Benmaris
5	945							
10	960							
15	955							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1": PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527288.9 Easting: 127667.9 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 961.6 Descriptions By: GAR	Boring ID: 4C-SS-21 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1	0.9	0.0		Dark brown SILT and brown fine SAND with Gravel	Corehole 6in-36in with Bentonite
960								
5								
955								
10								
950								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527225.9 Easting: 127859.5 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 970.4 Descriptions By: GAR	Boring ID: 4C-SS-22 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	0-1	0.0	0.0		Brown fine SAND, some silt and coarse sand	 Casing installed with Benonic
5	965							
10	960							
15	955							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527230.9 Easting: 127722.0 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 962.9 Descriptions By: GAR	Boring ID: 4C-SS-23 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample(s)/Type	Recovery (feet)	PID Headspace (opm)	Geologic Column	Stratigraphic Description	Boring Construction
965								
		1	0-1	1.0	00		Dark brown SL, f and fine SAND.	 Borehole backfilled with Bentonite
960								
5								
955								
10								
950								
15								

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527187.7 Easting: 127893.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 970.4 Descriptions By: GAR	Boring ID: 4C-SS-24 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/ict/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	970	1	01	0.8	0.0		Brown fine SAND, some sil. fine coarse sand.	 Borehole rock flow with Bentonite.
5	965							
10	960							
15	955							



Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1" PCBs
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05
 Drilling Company: BBL
 Driller's Name: JTG, PF
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527154.6
 Easting: 127727.1
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 969.4
 Descriptions By: GAR

Boring ID: 4C-SS-25
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample Int'l Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970								
		1	51	68	00		Dark brown, silty, some fine sand	 Borehole installed with Geophone
965								
960								
955								

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1" PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527163.3 Easting: 127797.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 962.1 Descriptions By: GAF	Boring ID: 4C-SS-26 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	SampleIntType	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
963								
0		1	01	09	00		Brown fine SAND with GRAVEL, some sil	 Borehole backfilled with Bentonite.
960								
5								
955								
10								
950								
15								

 BBL [®] BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1' PCBs. The water table was not encountered during boring installation.
-------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date Start/Finish: 2/18/05 Drilling Company: BBL Driller's Name: JTG, PF Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527124.0 Easting: 127765.3 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 969.7 Descriptions By: GAR	Boring ID: 4C-SS-27 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/m/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
970		1	0-1	0.9	0.0		Brown fine SAND with GRAVEL, some silt.	 Borehole backfilled with bentonite.
965								
960								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/9/2005 Drilling Company: BBL Driller's Name: JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527843.4 Easting: 127699.7 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 967.5 Descriptions By: PF	Boring ID: 4C-SS-28 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sampling Type	Recovery (feet)	PID Headspace (nom)	Geologic Column	Stratigraphic Description	Boring Construction
970								
0		1	0-1	0.9	0.0		Dark brown fine SAND and SS, T. trace fine Gravel and Organic Material (Roots and Leaves).	Borehole backfilled with Bentonite
965								
5								
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/9/2005 Drilling Company: BBL Driller's Name: JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4' Macrocore	Northing: 527818.5 Easting: 127689.8 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 956.9 Descriptions By: PF	Boring ID: 4C-SS-29 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
		1	0-1	10	0.0		Medium brown fine SAND, some Sil, trace medium to fine gravel	 Below casing with Benches
965								
5								
960								
10								
955								
15								

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

Remarks: bgs = below ground surface, NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/9/2005 Drilling Company: BBL Driller's Name: JTG Drilling Method: Direct Push Auger Size: NA Rig Type: Hand Driven Sample Method: 4" Macrocore	Northing: 527742.2 Easting: 127659.2 Casing Elevation: NA Borehole Depth: 1' below grade Surface Elevation: 965.4 Descriptions By: PF	Boring ID: 4C-SS-30 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 4 Floodplain
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	965	1	0-1	1.0	0.0		Dark brown fine SILT and fine SAND, trace fine Gravel and Organic Material (Roots and Leaves)	Borehole backfilled with Bentonite
5	960							
10	955							
15	950							

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

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1' PCBs.
 The water table was not encountered during boring installation.

Date Start/Finish: 2/9/2005
 Drilling Company: BBL
 Driller's Name: JTG
 Drilling Method: Direct Push
 Auger Size: NA
 Rig Type: Hand Driven
 Sample Method: 4" Macrocore

Northing: 527721.3
 Easting: 127650.8
 Casing Elevation: NA
 Borehole Depth: 1' below grade
 Surface Elevation: 965.5
 Descriptions By: PF

Boring ID: 4C-SS-31
 Client: General Electric Company
 Location: Housatonic River 1 1/2 Mile
 Phase 4 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/In/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
	965	1	0-1	1.0	0.0		Dark brown SILT and fine SAND, trace fine Gravel and Organic Material (Roots and Leaves).	Borehole backfilled with Bentonite.
	960							
	955							
	950							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': PCBs.
 The water table was not encountered during boring installation.

Appendix B

Data Validation Report

APPENDIX B
SOIL SAMPLING DATA VALIDATION REPORT
PRE-DESIGN INVESTIGATION REPORT FOR
PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during pre-design investigation activities conducted at the Phase 4 floodplain properties located adjacent to the 1½ Mile Reach of the Housatonic River in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), by SGS Environmental Services, Inc. (formerly CT&E) of Charleston, West Virginia. Data validation was performed for 349 polychlorinated biphenyl (PCB) samples, nine volatile organic compound (VOC) samples, 88 semi-volatile organic compound (SVOC) samples, 88 polychlorinated dibenzo-p-dioxin (PCDD)/ polychlorinated dibenzofuran (PCDF) samples, 88 metals samples, and 88 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. (BBL), FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation*, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table B-1. Each sample subjected to evaluation is listed in Table B-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers were used in this data evaluation.

- J The compound was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).
- U The compound was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table B-1 for consistency with documents previously prepared for investigations conducted at this site.
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table B-1 for consistency with documents previously prepared for this investigation.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purpose.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented in the following table.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I & Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	40	2	2	277	14	14	349
VOCs	0	0	0	6	1	2	9
SVOCs	0	0	0	78	5	5	88
PCDDs/PCDFs	9	0	0	69	5	5	88
Metals	0	0	0	78	5	5	88
Cyanide/Sulfide	0	0	0	88	0	0	88
Total	49	2	2	596	30	31	710

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data

Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 93% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the PSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

The initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was not met. The compounds that did not meet the initial calibration criterion and the number of samples qualified are presented in the following table.

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	4	J
	Acetonitrile	8	J
	Acrolein	5	J
	Isobutanol	5	J
	Propionitrile	3	J
SVOCs	Safrole	85	J

Continuing calibration criterion for VOCs and SVOCs requires that the continuing calibration RRF have a value greater than 0.05. Sample data for detect and non-detect compounds with RRF values greater than 0.05 were qualified as estimated (J). The compounds that exceeded continuing calibration criterion and the number of samples qualified due to those exceedences are presented in the following table.

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	5	J
	Acetonitrile	1	J
	Acrolein	4	J
	Isobutanol	1	J
	Propionitrile	3	J
SVOCs	4-Nitroquinoline-1-oxide	73	J
	Benzidine	34	J
	Hexachlorophene	83	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J)

Initial calibration criterion for VOCs and SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detected and non-detected compounds with %RSD values greater than 30% were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due those exceeded are identified below.

Compounds Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Vinyl Chloride	3	J
SVOCs	Hexachlorophene	85	J

Initial calibration criterion for organic compounds requires that the correlation coefficient of the initial calibration must be greater than or equal to 0.99. Sample data for compounds associated with a correlation coefficient value less than 0.99 were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Initial Calibration Correlation Coefficients Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Isobutanol	3	J
SVOCs	Benzidine	85	J

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detect and non-detect compounds with %D values that exceeded the continuing calibration criteria were qualified as estimated (J). A summary of the compounds that exceeded the continuing calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,2-Dibromo-3-chloropropane	1	J
	Acetonitrile	1	J
	Bromomethane	4	J
	Dichlorodifluoromethane	2	J
	Iodomethane	1	J
	Isobutanol	3	J
	Propionitrile	2	J
	Trichlorofluoromethane	2	J
	Vinyl Acetate	4	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1,3,5-Trinitrobenzene	5	J
	2,4-Dinitrophenol	39	J
	3,3'-Dichlorobenzidine	2	J
	4,6-Dinitro-2-methylphenol	8	J
	4-Aminobiphenyl	18	J
	4-Nitrophenol	2	J
	4-Nitroquinoline-1-oxide	29	J
	a,a'-Dimethylphenethylamine	83	J
	Aniline	85	J
	Benzidine	85	J
	Hexachlorocyclopentadiene	3	J
	Hexachlorophene	83	J
	Methapyrilene	62	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method CRDL. These standards are required to have recoveries between 80% and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80% to 120% control limits, the affected samples with detected results at or near the CRDL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Arsenic	22	J
	Barium	1	J
	Beryllium	1	J
	Chromium	1	J
	Cobalt	1	J
	Copper	1	J
	Nickel	1	J
	Selenium	53	J
	Silver	10	J
	Thallium	26	J
	Zinc	2	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC control limits specified on the MS reporting form and inorganics MS/MSD recoveries must be within 75% to 125%. Associated organic sample results with MS/MSD recoveries that were less than the laboratory-generated QC control limits were qualified as estimated (J). Associated inorganic sample results with MS recoveries less than the 75% control limit were qualified as estimated (J). The analytes/compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes/Compounds Qualified Due to MS Recovery Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Antimony	31	J
	Selenium	7	J
	Silver	24	J
	Tin	2	J
SVOCs	1,2,4-Trichlorobenzene	2	J
	1,4-Dichlorobenzene	2	J
	2-Chlorophenol	1	J
	Acenaphthene	2	J
	N-Nitroso-di-n-propylamine	2	J
	Phenol	1	J
	Pyrene	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	1	J
	OCDD	1	J

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD recoveries be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented in the following table.

Compounds Qualified Due to MS/MSD RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	1	J
	Aroclor-1221	1	J
	Aroclor-1232	1	J
	Aroclor-1242	1	J
	Aroclor-1248	1	J
	Aroclor-1254	1	J
	Aroclor-1260	1	J
	Total PCBs	1	J
SVOCs	1,2,4-Trichlorobenzene	2	J
	1,4-Dichlorobenzene	1	J
	2-Chlorophenol	2	J
	4-Chloro-3-Methylphenol	1	J
	4-Nitrophenol	1	J
	Acenaphthene	1	J
	N-Nitroso-di-n-propylamine	1	J
	Phenol	1	J
	Pyrene	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	1	J

Internal standard compounds for VOC analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. VOC sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50% but greater than 20%. Compounds associated with internal standards which did not meet the recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Internal Standard Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCS	All compounds	1	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction and at least one of the PCB surrogate compounds must have a recovery between laboratory-specified control limits. Detect sample results were qualified as estimated (J) for all compounds when surrogate recovery criteria were outside control limits and non-detect sample results were qualified as rejected (R) when associated surrogate recoveries were less than 10%. A summary of the compounds affected by surrogate recovery exceedences and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	1	J
		4	R
	Aroclor-1221	1	J
		4	R
	Aroclor-1232	1	J
		4	R
	Aroclor-1242	1	J
		4	R
	Aroclor-1248	1	J
		4	R
Aroclor-1254	2	J	
	3	R	
Aroclor-1260	2	J	
	3	R	
Total PCBs	3	J	
	2	R	
SVOCs	All basic-neutral compounds with exception to Fluoranthene and Pyrene	3	J
		3	R
	Fluoranthene	4	J
		2	R
	Pyrene	4	J
		2	R

The analytical laboratory is required to analyze one sample per analytical batch using a five-fold dilution to evaluate matrix interferences. Analytes with results greater than 50 times the IDL in the undiluted sample are evaluated to determine if matrix interference exists. These analytes are required to have less than a 10%D between sample results from the undiluted sample and results for the same sample analyzed with a five-fold dilution. Detect results that were greater than 50 times the IDL were qualified as estimated (J) for analytes

with a %D greater than 10%. The inorganic analyte that did not meet ICP serial dilution requirements and the number of samples qualified due to those requirements are presented in the following table.

Analyte Qualified Due to ICP Serial Dilution Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Zinc	2	J

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35% for soil samples with analyte concentrations greater than five times the PQL. Detect sample results for analytes that exceeded these limits were qualified as estimated (J). The inorganic analytes that did not meet laboratory duplicate RPD criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes Qualified Due to Laboratory Duplicate RPD Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Arsenic	2	J
	Copper	2	J
	Thallium	2	J
	Zinc	2	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between field duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL for organics and inorganics. Sample results that exceeded these limits were qualified as estimated (J). The analytes/compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Analytes/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Arsenic	3	J
	Lead	15	J
	Mercury	2	J
	Selenium	2	J
	Sulfide	9	J
	Tin	3	J
PCBs	Aroclor-1260	2	J
	Total PCBs	2	J
SVOCs	Fluoranthene	2	J
	Phenanthrene	2	J
	Pyrene	2	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	2	J
	2,3,7,8-TCDF	2	J
	HpCDFs (total)	4	J

Blank action levels for organic and inorganic analytes detected in the blanks were calculated at five times the detected blank concentrations (OCDD was calculated at 10 times the blank concentration). Detect sample results that were below the blank action level and above the instrument detection limit (IDL) were qualified as non-detect "U." The analytes/compounds detected in method blanks which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analytes/Compound Qualified Due to Blank Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Barium	5	U
	Beryllium	2	U
	Cadmium	2	U
	Mercury	3	U
	Selenium	15	U
	Silver	6	U
	Tin	73	U
PCDDs/PCDFs	1,2,3,7,8-PeCDF	2	U
	2,3,7,8-TCDF	2	U
	OCDD	14	U
	PeCDFs (total)	3	U
	TCDFs (total)	3	U

Holding time for cyanides/sulfides and extraction holding time criterion for organics require that soil extractions for SVOCs are extracted and cyanides/sulfides are analyzed within 14 days. The analytes/compounds that exceeded the analysis holding time or extraction holding time and the number of samples qualified due to deviation are presented in the following table.

Analytes/Compounds Qualified Due to Holding and Extraction Holding Time Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Cyanide	1	J
	Sulfide	3	J
SVOCs	All compounds	1	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analysis. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated in the following table.

Data Usability		
Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	97.1	A total of 292 sample results were rejected due to surrogate recovery deviations.
PCBs	99.0	A total of 28 sample results were rejected due to surrogate recovery deviations.
PCDDs/PCDFs	100	None

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.05% of the data required qualification due to laboratory duplicate RPD deviations, 0.30% of the data required qualification due to field duplicate RPD deviations, 0.12% of the data required qualification due to MS/MSD RPD deviations, and 0.01% of the data required qualification due to ICP serial dilution deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 5.9% of the data required qualification due to instrument calibration deviations, 0.32% of the data required qualification due to internal standards deviations, 0.46% of the data required qualification due to MS/MSD recovery deviations, 0.69% of the data required qualification due to CRDL deviations, and 3.6% of the data required qualification due to surrogate compound recovery deviations. None of the data required qualification due to LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in MDEP-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, 0.69% of the data required qualification due to analysis holding or extraction holding time deviations.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846¹ analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 97.1 to 100% for individual analytical parameters and had an overall usability of 99.4 %, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

¹ Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996

THIRD FLOOR
 ANALYSIS & CALCULATION SUMMARY
 FOR BECCA HYDROLOGICAL REPORT FOR BRIDGE & FLOORPLAN PROPERTIES
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Sheet 13 of 14)

Sample Delivery Order No.	Sample ID	Date Collected	Matrix	Wadsworth Level	Outfall#	Contaminant	QA/QC Parameter	Value	Control Limits	Qualifier Abbrev	Notes
900737	44-08-21-01-11	10/20/09	Soil	101	101						
900738	44-08-21-01-11	10/20/09	Soil	102	101						
900739	44-08-21-01-11	10/20/09	Soil	103	101						
900740	44-08-21-01-11	10/20/09	Soil	104	101						
900741	44-08-21-01-11	10/20/09	Soil	105	101						
900742	44-08-21-01-11	10/20/09	Soil	106	101						
900743	44-08-21-01-11	10/20/09	Soil	107	101						
900744	44-08-21-01-11	10/20/09	Soil	108	101						
900745	44-08-21-01-11	10/20/09	Soil	109	101						
900746	44-08-21-01-11	10/20/09	Soil	110	101						
900747	44-08-21-01-11	10/20/09	Soil	111	101						
900748	44-08-21-01-11	10/20/09	Soil	112	101						
900749	44-08-21-01-11	10/20/09	Soil	113	101						
900750	44-08-21-01-11	10/20/09	Soil	114	101						
900751	44-08-21-01-11	10/20/09	Soil	115	101						
900752	44-08-21-01-11	10/20/09	Soil	116	101						
900753	44-08-21-01-11	10/20/09	Soil	117	101						
900754	44-08-21-01-11	10/20/09	Soil	118	101						
900755	44-08-21-01-11	10/20/09	Soil	119	101						
900756	44-08-21-01-11	10/20/09	Soil	120	101						
900757	44-08-21-01-11	10/20/09	Soil	121	101						
900758	44-08-21-01-11	10/20/09	Soil	122	101						
900759	44-08-21-01-11	10/20/09	Soil	123	101						
900760	44-08-21-01-11	10/20/09	Soil	124	101						
900761	44-08-21-01-11	10/20/09	Soil	125	101						
900762	44-08-21-01-11	10/20/09	Soil	126	101						
900763	44-08-21-01-11	10/20/09	Soil	127	101						
900764	44-08-21-01-11	10/20/09	Soil	128	101						
900765	44-08-21-01-11	10/20/09	Soil	129	101						
900766	44-08-21-01-11	10/20/09	Soil	130	101						
900767	44-08-21-01-11	10/20/09	Soil	131	101						
900768	44-08-21-01-11	10/20/09	Soil	132	101						
900769	44-08-21-01-11	10/20/09	Soil	133	101						
900770	44-08-21-01-11	10/20/09	Soil	134	101						
900771	44-08-21-01-11	10/20/09	Soil	135	101						
900772	44-08-21-01-11	10/20/09	Soil	136	101						
900773	44-08-21-01-11	10/20/09	Soil	137	101						
900774	44-08-21-01-11	10/20/09	Soil	138	101						
900775	44-08-21-01-11	10/20/09	Soil	139	101						
900776	44-08-21-01-11	10/20/09	Soil	140	101						
900777	44-08-21-01-11	10/20/09	Soil	141	101						
900778	44-08-21-01-11	10/20/09	Soil	142	101						
900779	44-08-21-01-11	10/20/09	Soil	143	101						
900780	44-08-21-01-11	10/20/09	Soil	144	101						
900781	44-08-21-01-11	10/20/09	Soil	145	101						
900782	44-08-21-01-11	10/20/09	Soil	146	101						
900783	44-08-21-01-11	10/20/09	Soil	147	101						
900784	44-08-21-01-11	10/20/09	Soil	148	101						
900785	44-08-21-01-11	10/20/09	Soil	149	101						
900786	44-08-21-01-11	10/20/09	Soil	150	101						
900787	44-08-21-01-11	10/20/09	Soil	151	101						
900788	44-08-21-01-11	10/20/09	Soil	152	101						
900789	44-08-21-01-11	10/20/09	Soil	153	101						
900790	44-08-21-01-11	10/20/09	Soil	154	101						
900791	44-08-21-01-11	10/20/09	Soil	155	101						
900792	44-08-21-01-11	10/20/09	Soil	156	101						
900793	44-08-21-01-11	10/20/09	Soil	157	101						
900794	44-08-21-01-11	10/20/09	Soil	158	101						
900795	44-08-21-01-11	10/20/09	Soil	159	101						
900796	44-08-21-01-11	10/20/09	Soil	160	101						
900797	44-08-21-01-11	10/20/09	Soil	161	101						
900798	44-08-21-01-11	10/20/09	Soil	162	101						
900799	44-08-21-01-11	10/20/09	Soil	163	101						
900800	44-08-21-01-11	10/20/09	Soil	164	101						
900801	44-08-21-01-11	10/20/09	Soil	165	101						
900802	44-08-21-01-11	10/20/09	Soil	166	101						
900803	44-08-21-01-11	10/20/09	Soil	167	101						
900804	44-08-21-01-11	10/20/09	Soil	168	101						
900805	44-08-21-01-11	10/20/09	Soil	169	101						
900806	44-08-21-01-11	10/20/09	Soil	170	101						
900807	44-08-21-01-11	10/20/09	Soil	171	101						
900808	44-08-21-01-11	10/20/09	Soil	172	101						
900809	44-08-21-01-11	10/20/09	Soil	173	101						
900810	44-08-21-01-11	10/20/09	Soil	174	101						
900811	44-08-21-01-11	10/20/09	Soil	175	101						
900812	44-08-21-01-11	10/20/09	Soil	176	101						
900813	44-08-21-01-11	10/20/09	Soil	177	101						
900814	44-08-21-01-11	10/20/09	Soil	178	101						
900815	44-08-21-01-11	10/20/09	Soil	179	101						
900816	44-08-21-01-11	10/20/09	Soil	180	101						
900817	44-08-21-01-11	10/20/09	Soil	181	101						
900818	44-08-21-01-11	10/20/09	Soil	182	101						
900819	44-08-21-01-11	10/20/09	Soil	183	101						
900820	44-08-21-01-11	10/20/09	Soil	184	101						
900821	44-08-21-01-11	10/20/09	Soil	185	101						
900822	44-08-21-01-11	10/20/09	Soil	186	101						
900823	44-08-21-01-11	10/20/09	Soil	187	101						
900824	44-08-21-01-11	10/20/09	Soil	188	101						
900825	44-08-21-01-11	10/20/09	Soil	189	101						
900826	44-08-21-01-11	10/20/09	Soil	190	101						
900827	44-08-21-01-11	10/20/09	Soil	191	101						
900828	44-08-21-01-11	10/20/09	Soil	192	101						
900829	44-08-21-01-11	10/20/09	Soil	193	101						
900830	44-08-21-01-11	10/20/09	Soil	194	101						
900831	44-08-21-01-11	10/20/09	Soil	195	101						
900832	44-08-21-01-11	10/20/09	Soil	196	101						
900833	44-08-21-01-11	10/20/09	Soil	197	101						
900834	44-08-21-01-11	10/20/09	Soil	198	101						
900835	44-08-21-01-11	10/20/09	Soil	199	101						
900836	44-08-21-01-11	10/20/09	Soil	200	101						
900837	44-08-21-01-11	10/20/09	Soil	201	101						
900838	44-08-21-01-11	10/20/09	Soil	202	101						
900839	44-08-21-01-11	10/20/09	Soil	203	101						
900840	44-08-21-01-11	10/20/09	Soil	204	101						
900841	44-08-21-01-11	10/20/09	Soil	205	101						
900842	44-08-21-01-11	10/20/09	Soil	206	101						
900843	44-08-21-01-11	10/20/09	Soil	207	101						
900844	44-08-21-01-11	10/20/09	Soil	208	101						
900845	44-08-21-01-11	10/20/09	Soil	209	101						
900846	44-08-21-01-11	10/20/09	Soil	210	101						
900847	44-08-21-01-11	10/20/09	Soil	211	101						
900848	44-08-21-01-11	10/20/09	Soil	212	101						
900849	44-08-21-01-11	10/20/09	Soil	213	101						
900850	44-08-21-01-11	10/20/09	Soil	214	101						
900851	44-08-21-01-11	10/20/09	Soil	215	101						
900852	44-08-21-01-11	10/20/09	Soil	216	101						
900853	44-08-21-01-11	10/20/09	Soil	217	101						
900854	44-08-21-01-11	10/20/09	Soil	218	101						
900855	44-08-21-01-11	10/20/09	Soil	219	101						
900856	44-08-21-01-11	10/20/09	Soil	220	101						
900857	44-08-21-01-11	10/20/09	Soil	221	101						
900858	44-08-21-01-11	10/20/09	Soil	222	101						
900859	44-08-21-01-11	10/20/09	Soil	223	101						
900860	44-08-21-01-11	10/20/09	Soil	224	101						
900861	44-08-21-01-11	10/20/09	Soil	225	101						
900862	44-08-21-01-11	10/20/09	Soil	226	101						
900863	44-08-21-01-11	10/20/09	Soil	227	101						
900864	44-08-21-01-11	10/20/09									

**TABLE 1
ANALYTICAL DATA VALIDATION SUMMARY
PRE-DRILL INVESTIGATION REPORT FOR BRIDGE 4 FLOODPLAIN PROPERTIES**

UNIVERSAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Values are presented in parts per million, ppm)

Sample ID/Analyte Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualifier	Compound	QA/QC Parameter	Value	Control Limit	Qualified Result	Notes
PC (6 requirements)											
6027449	44-55-27-01-01	10/23/08	Soil	Level 1	Yes						
6027450	44-55-27-01-02	10/23/08	Soil	Level 1	Yes						
6027451	44-55-27-01-03	10/23/08	Soil	Level 1	Yes						
6027452	44-55-27-01-04	10/23/08	Soil	Level 1	Yes						
6027453	44-55-27-01-05	10/23/08	Soil	Level 1	Yes						
6027454	44-55-27-01-06	10/23/08	Soil	Level 1	Yes						
6027455	44-55-27-01-07	10/23/08	Soil	Level 1	Yes						
6027456	44-55-27-01-08	10/23/08	Soil	Level 1	Yes						
6027457	44-55-27-01-09	10/23/08	Soil	Level 1	Yes						
6027458	44-55-27-01-10	10/23/08	Soil	Level 1	Yes						
6027459	44-55-27-01-11	10/23/08	Soil	Level 1	Yes						
6027460	44-55-27-01-12	10/23/08	Soil	Level 1	Yes						
6027461	44-55-27-01-13	10/23/08	Soil	Level 1	Yes						
6027462	44-55-27-01-14	10/23/08	Soil	Level 1	Yes						
6027463	44-55-27-01-15	10/23/08	Soil	Level 1	Yes						
6027464	44-55-27-01-16	10/23/08	Soil	Level 1	Yes						
6027465	44-55-27-01-17	10/23/08	Soil	Level 1	Yes						
6027466	44-55-27-01-18	10/23/08	Soil	Level 1	Yes						
6027467	44-55-27-01-19	10/23/08	Soil	Level 1	Yes						
6027468	44-55-27-01-20	10/23/08	Soil	Level 1	Yes						
6027469	44-55-27-01-21	10/23/08	Soil	Level 1	Yes						
6027470	44-55-27-01-22	10/23/08	Soil	Level 1	Yes						
6027471	44-55-27-01-23	10/23/08	Soil	Level 1	Yes						
6027472	44-55-27-01-24	10/23/08	Soil	Level 1	Yes						
6027473	44-55-27-01-25	10/23/08	Soil	Level 1	Yes						
6027474	44-55-27-01-26	10/23/08	Soil	Level 1	Yes						
6027475	44-55-27-01-27	10/23/08	Soil	Level 1	Yes						
6027476	44-55-27-01-28	10/23/08	Soil	Level 1	Yes						
6027477	44-55-27-01-29	10/23/08	Soil	Level 1	Yes						
6027478	44-55-27-01-30	10/23/08	Soil	Level 1	Yes						
6027479	44-55-27-01-31	10/23/08	Soil	Level 1	Yes						
6027480	44-55-27-01-32	10/23/08	Soil	Level 1	Yes						
6027481	44-55-27-01-33	10/23/08	Soil	Level 1	Yes						
6027482	44-55-27-01-34	10/23/08	Soil	Level 1	Yes						
6027483	44-55-27-01-35	10/23/08	Soil	Level 1	Yes						
6027484	44-55-27-01-36	10/23/08	Soil	Level 1	Yes						
6027485	44-55-27-01-37	10/23/08	Soil	Level 1	Yes						
6027486	44-55-27-01-38	10/23/08	Soil	Level 1	Yes						
6027487	44-55-27-01-39	10/23/08	Soil	Level 1	Yes						
6027488	44-55-27-01-40	10/23/08	Soil	Level 1	Yes						
6027489	44-55-27-01-41	10/23/08	Soil	Level 1	Yes						
6027490	44-55-27-01-42	10/23/08	Soil	Level 1	Yes						
6027491	44-55-27-01-43	10/23/08	Soil	Level 1	Yes						
6027492	44-55-27-01-44	10/23/08	Soil	Level 1	Yes						
6027493	44-55-27-01-45	10/23/08	Soil	Level 1	Yes						
6027494	44-55-27-01-46	10/23/08	Soil	Level 1	Yes						
6027495	44-55-27-01-47	10/23/08	Soil	Level 1	Yes						
6027496	44-55-27-01-48	10/23/08	Soil	Level 1	Yes						
6027497	44-55-27-01-49	10/23/08	Soil	Level 1	Yes						
6027498	44-55-27-01-50	10/23/08	Soil	Level 1	Yes						
6027499	44-55-27-01-51	10/23/08	Soil	Level 1	Yes						
6027500	44-55-27-01-52	10/23/08	Soil	Level 1	Yes						
6027501	44-55-27-01-53	10/23/08	Soil	Level 1	Yes						
6027502	44-55-27-01-54	10/23/08	Soil	Level 1	Yes						
6027503	44-55-27-01-55	10/23/08	Soil	Level 1	Yes						
6027504	44-55-27-01-56	10/23/08	Soil	Level 1	Yes						
6027505	44-55-27-01-57	10/23/08	Soil	Level 1	Yes						
6027506	44-55-27-01-58	10/23/08	Soil	Level 1	Yes						
6027507	44-55-27-01-59	10/23/08	Soil	Level 1	Yes						
6027508	44-55-27-01-60	10/23/08	Soil	Level 1	Yes						
6027509	44-55-27-01-61	10/23/08	Soil	Level 1	Yes						
6027510	44-55-27-01-62	10/23/08	Soil	Level 1	Yes						
6027511	44-55-27-01-63	10/23/08	Soil	Level 1	Yes						
6027512	44-55-27-01-64	10/23/08	Soil	Level 1	Yes						
6027513	44-55-27-01-65	10/23/08	Soil	Level 1	Yes						
6027514	44-55-27-01-66	10/23/08	Soil	Level 1	Yes						
6027515	44-55-27-01-67	10/23/08	Soil	Level 1	Yes						
6027516	44-55-27-01-68	10/23/08	Soil	Level 1	Yes						
6027517	44-55-27-01-69	10/23/08	Soil	Level 1	Yes						
6027518	44-55-27-01-70	10/23/08	Soil	Level 1	Yes						
6027519	44-55-27-01-71	10/23/08	Soil	Level 1	Yes						
6027520	44-55-27-01-72	10/23/08	Soil	Level 1	Yes						
6027521	44-55-27-01-73	10/23/08	Soil	Level 1	Yes						
6027522	44-55-27-01-74	10/23/08	Soil	Level 1	Yes						
6027523	44-55-27-01-75	10/23/08	Soil	Level 1	Yes						
6027524	44-55-27-01-76	10/23/08	Soil	Level 1	Yes						
6027525	44-55-27-01-77	10/23/08	Soil	Level 1	Yes						
6027526	44-55-27-01-78	10/23/08	Soil	Level 1	Yes						
6027527	44-55-27-01-79	10/23/08	Soil	Level 1	Yes						
6027528	44-55-27-01-80	10/23/08	Soil	Level 1	Yes						
6027529	44-55-27-01-81	10/23/08	Soil	Level 1	Yes						
6027530	44-55-27-01-82	10/23/08	Soil	Level 1	Yes						
6027531	44-55-27-01-83	10/23/08	Soil	Level 1	Yes						
6027532	44-55-27-01-84	10/23/08	Soil	Level 1	Yes						
6027533	44-55-27-01-85	10/23/08	Soil	Level 1	Yes						
6027534	44-55-27-01-86	10/23/08	Soil	Level 1	Yes						
6027535	44-55-27-01-87	10/23/08	Soil	Level 1	Yes						
6027536	44-55-27-01-88	10/23/08	Soil	Level 1	Yes						
6027537	44-55-27-01-89	10/23/08	Soil	Level 1	Yes						
6027538	44-55-27-01-90	10/23/08	Soil	Level 1	Yes						
6027539	44-55-27-01-91	10/23/08	Soil	Level 1	Yes						
6027540	44-55-27-01-92	10/23/08	Soil	Level 1	Yes						
6027541	44-55-27-01-93	10/23/08	Soil	Level 1	Yes						
6027542	44-55-27-01-94	10/23/08	Soil	Level 1	Yes						
6027543	44-55-27-01-95	10/23/08	Soil	Level 1	Yes						
6027544	44-55-27-01-96	10/23/08	Soil	Level 1	Yes						
6027545	44-55-27-01-97	10/23/08	Soil	Level 1	Yes						
6027546	44-55-27-01-98	10/23/08	Soil	Level 1	Yes						
6027547	44-55-27-01-99	10/23/08	Soil	Level 1	Yes						
6027548	44-55-27-01-100	10/23/08	Soil	Level 1	Yes						
6027549	44-55-27-01-101	10/23/08	Soil	Level 1	Yes						
6027550	44-55-27-01-102	10/23/08	Soil	Level 1	Yes						
6027551	44-55-27-01-103	10/23/08	Soil	Level 1	Yes						
6027552	44-55-27-01-104	10/23/08	Soil	Level 1	Yes						
6027553	44-55-27-01-105	10/23/08	Soil	Level 1	Yes						
6027554	44-55-27-01-106	10/23/08	Soil	Level 1	Yes						
6027555	44-55-27-01-107	10/23/08	Soil	Level 1	Yes						
6027556	44-55-27-01-108	10/23/08	Soil	Level 1	Yes						
6027557	44-55-27-01-109	10/23/08	Soil	Level 1	Yes						
6027558	44-55-27-01-110	10/23/08	Soil	Level 1	Yes						
6027559	44-55-27-01-111	10/23/08	Soil	Level 1	Yes						
6027560	44-55-27-01-112	10/23/08	Soil								

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
THE DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(VALUES ARE PROVIDED IN PPM UNLESS OTHERWISE NOTED)

Sample Delivery Order No.	Sample ID	Date Collected	Matrix	Variance Level	Qualification	Compound	QA/QC Parameter	Value	Comp. Limit	Qualifier Result	Notes
PC124 (continued)											
1000001	1000001	10/10/00	Soil	100	100						
1000002	1000002	10/10/00	Soil	100	100						
1000003	1000003	10/10/00	Soil	100	100						
1000004	1000004	10/10/00	Soil	100	100						
1000005	1000005	10/10/00	Soil	100	100						
1000006	1000006	10/10/00	Soil	100	100						
1000007	1000007	10/10/00	Soil	100	100						
1000008	1000008	10/10/00	Soil	100	100						
1000009	1000009	10/10/00	Soil	100	100						
1000010	1000010	10/10/00	Soil	100	100						
1000011	1000011	10/10/00	Soil	100	100						
1000012	1000012	10/10/00	Soil	100	100						
1000013	1000013	10/10/00	Soil	100	100						
1000014	1000014	10/10/00	Soil	100	100						
1000015	1000015	10/10/00	Soil	100	100						
1000016	1000016	10/10/00	Soil	100	100						
1000017	1000017	10/10/00	Soil	100	100						
1000018	1000018	10/10/00	Soil	100	100						
1000019	1000019	10/10/00	Soil	100	100						
1000020	1000020	10/10/00	Soil	100	100						
1000021	1000021	10/10/00	Soil	100	100						
1000022	1000022	10/10/00	Soil	100	100						
1000023	1000023	10/10/00	Soil	100	100						
1000024	1000024	10/10/00	Soil	100	100						
1000025	1000025	10/10/00	Soil	100	100						
1000026	1000026	10/10/00	Soil	100	100						
1000027	1000027	10/10/00	Soil	100	100						
1000028	1000028	10/10/00	Soil	100	100						
1000029	1000029	10/10/00	Soil	100	100						
1000030	1000030	10/10/00	Soil	100	100						
1000031	1000031	10/10/00	Soil	100	100						
1000032	1000032	10/10/00	Soil	100	100						
1000033	1000033	10/10/00	Soil	100	100						
1000034	1000034	10/10/00	Soil	100	100						
1000035	1000035	10/10/00	Soil	100	100						
1000036	1000036	10/10/00	Soil	100	100						
1000037	1000037	10/10/00	Soil	100	100						
1000038	1000038	10/10/00	Soil	100	100						
1000039	1000039	10/10/00	Soil	100	100						
1000040	1000040	10/10/00	Soil	100	100						
1000041	1000041	10/10/00	Soil	100	100						
1000042	1000042	10/10/00	Soil	100	100						
1000043	1000043	10/10/00	Soil	100	100						
1000044	1000044	10/10/00	Soil	100	100						
1000045	1000045	10/10/00	Soil	100	100						
1000046	1000046	10/10/00	Soil	100	100						
1000047	1000047	10/10/00	Soil	100	100						
1000048	1000048	10/10/00	Soil	100	100						
1000049	1000049	10/10/00	Soil	100	100						
1000050	1000050	10/10/00	Soil	100	100						
1000051	1000051	10/10/00	Soil	100	100						
1000052	1000052	10/10/00	Soil	100	100						
1000053	1000053	10/10/00	Soil	100	100						
1000054	1000054	10/10/00	Soil	100	100						
1000055	1000055	10/10/00	Soil	100	100						
1000056	1000056	10/10/00	Soil	100	100						
1000057	1000057	10/10/00	Soil	100	100						
1000058	1000058	10/10/00	Soil	100	100						
1000059	1000059	10/10/00	Soil	100	100						
1000060	1000060	10/10/00	Soil	100	100						
1000061	1000061	10/10/00	Soil	100	100						
1000062	1000062	10/10/00	Soil	100	100						
1000063	1000063	10/10/00	Soil	100	100						
1000064	1000064	10/10/00	Soil	100	100						
1000065	1000065	10/10/00	Soil	100	100						
1000066	1000066	10/10/00	Soil	100	100						
1000067	1000067	10/10/00	Soil	100	100						
1000068	1000068	10/10/00	Soil	100	100						
1000069	1000069	10/10/00	Soil	100	100						
1000070	1000070	10/10/00	Soil	100	100						
1000071	1000071	10/10/00	Soil	100	100						
1000072	1000072	10/10/00	Soil	100	100						
1000073	1000073	10/10/00	Soil	100	100						
1000074	1000074	10/10/00	Soil	100	100						
1000075	1000075	10/10/00	Soil	100	100						
1000076	1000076	10/10/00	Soil	100	100						
1000077	1000077	10/10/00	Soil	100	100						
1000078	1000078	10/10/00	Soil	100	100						
1000079	1000079	10/10/00	Soil	100	100						
1000080	1000080	10/10/00	Soil	100	100						
1000081	1000081	10/10/00	Soil	100	100						
1000082	1000082	10/10/00	Soil	100	100						
1000083	1000083	10/10/00	Soil	100	100						
1000084	1000084	10/10/00	Soil	100	100						
1000085	1000085	10/10/00	Soil	100	100						
1000086	1000086	10/10/00	Soil	100	100						
1000087	1000087	10/10/00	Soil	100	100						
1000088	1000088	10/10/00	Soil	100	100						
1000089	1000089	10/10/00	Soil	100	100						
1000090	1000090	10/10/00	Soil	100	100						
1000091	1000091	10/10/00	Soil	100	100						
1000092	1000092	10/10/00	Soil	100	100						
1000093	1000093	10/10/00	Soil	100	100						
1000094	1000094	10/10/00	Soil	100	100						
1000095	1000095	10/10/00	Soil	100	100						
1000096	1000096	10/10/00	Soil	100	100						
1000097	1000097	10/10/00	Soil	100	100						
1000098	1000098	10/10/00	Soil	100	100						
1000099	1000099	10/10/00	Soil	100	100						
1000100	1000100	10/10/00	Soil	100	100						
1000101	1000101	10/10/00	Soil	100	100						
1000102	1000102	10/10/00	Soil	100	100						
1000103	1000103	10/10/00	Soil	100	100						
1000104	1000104	10/10/00	Soil	100	100						
1000105	1000105	10/10/00	Soil	100	100						
1000106	1000106	10/10/00	Soil	100	100						
1000107	1000107	10/10/00	Soil	100	100						
1000108	1000108	10/10/00	Soil	100	100						
1000109	1000109	10/10/00	Soil	100	100						
1000110	1000110	10/10/00	Soil	100	100						
1000111	1000111	10/10/00	Soil	100	100						
1000112	1000112	10/10/00	Soil	100	100						
1000113	1000113	10/10/00	Soil	100	100						
1000114	1000114	10/10/00	Soil	100	100						
1000115	1000115	10/10/00	Soil	100	100						
1000116	1000116	10/10/00	Soil	100	100						
1000117	1000117	10/10/00	Soil	100	100						
1000118	1000118	10/10/00	Soil	100	100						
1000119	1000119	10/10/00	Soil	100	100						
1000120	1000120	10/10/00	Soil	100	100						
1000121	1000121	10/10/00	Soil	100	100						
1000122	1000122	10/10/00	Soil	100	100						
1000123	1000123	10/10/00	Soil	100	100						
1000124	1000124	10/10/00	Soil	100	100						
1000125	1000125	10/10/00	Soil	100	100						
1000126	1000126	10/10/00	Soil	100	100						
1000127	1000127	10/10/00	Soil	100	100						
1000128	1000128	10/10/00	Soil	100	100						
1000129	1000129	10/10/00	Soil	100	100						
1000130	1000130	10/10/00	Soil	100	100						
1000131	1000131	10/10/00	Soil	100	100						
1000132	1000132	10/10/00	Soil	100	100						
1000133	1000133	10/10/00	Soil	100	100						
1000134	1000134	10/10/00	Soil	100	100						
1000135	1000135	10/10/00	Soil	100	100						
1000136	1000136	10/10/00	Soil	100	100						

TABLE 2.1
ANALYTICAL DATA VALIDATION SUMMARY
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - FITZFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Group Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualifier	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
00P244	4C-50-11 (3-8)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (8-10)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (2-3)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (5-6)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (9-10)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (11-18)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (1-2)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (7-8)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (12-13)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (14-15)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (16-17)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (18-19)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (20-21)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (22-23)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (24-25)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (26-27)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (28-29)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (30-31)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (32-33)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (34-35)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (36-37)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (38-39)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (40-41)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (42-43)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (44-45)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (46-47)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (48-49)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (50-51)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (52-53)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (54-55)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (56-57)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (58-59)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (60-61)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (62-63)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (64-65)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (66-67)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (68-69)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (70-71)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (72-73)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (74-75)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (76-77)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (78-79)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (80-81)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (82-83)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (84-85)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (86-87)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (88-89)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (90-91)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (92-93)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (94-95)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (96-97)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (98-99)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (100-101)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (102-103)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (104-105)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (106-107)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (108-109)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (110-111)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (112-113)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (114-115)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (116-117)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (118-119)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (120-121)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (122-123)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (124-125)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (126-127)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (128-129)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (130-131)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (132-133)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (134-135)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (136-137)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (138-139)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (140-141)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (142-143)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (144-145)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (146-147)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (148-149)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (150-151)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (152-153)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (154-155)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (156-157)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (158-159)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (160-161)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (162-163)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (164-165)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (166-167)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (168-169)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (170-171)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (172-173)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (174-175)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (176-177)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (178-179)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (180-181)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (182-183)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (184-185)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (186-187)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (188-189)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (190-191)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (192-193)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (194-195)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (196-197)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (198-199)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (200-201)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (202-203)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (204-205)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (206-207)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (208-209)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (210-211)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (212-213)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (214-215)	2/10/2009	Soil	Top 1	Yes						
00P244	4C-50-11 (216-217)	2/10/2009	Soil	Top 1	Yes	</					

TABLE 1
ANALYTICAL DATA VALIDATION SUMMARY
RVE DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - RISTFIELD, MASSACHUSETTS
(Sheet 20 of 20)

Results Delivery Sheet No.	Sample ID	Raw Column	Units	Validation Level	Qualifier	Comment	QA/QC Parameter	Value	Control Limit	Qualified Result	Notes
PCBs (continued)											
200720	4C-58-414-3	2182018	ppb	1	10						
200721	4C-58-414-3	2182018	ppb	1	10						
200722	4C-58-414-3	2182018	ppb	1	10						
200723	4C-58-414-3	2182018	ppb	1	10						
200724	4C-58-414-3	2182018	ppb	1	10						
200725	4C-58-414-3	2182018	ppb	1	10						
200726	4C-58-414-3	2182018	ppb	1	10						
200727	4C-58-414-3	2182018	ppb	1	10						
200728	4C-58-414-3	2182018	ppb	1	10						
200729	4C-58-414-3	2182018	ppb	1	10						
200730	4C-58-414-3	2182018	ppb	1	10						
200731	4C-58-414-3	2182018	ppb	1	10						
200732	4C-58-414-3	2182018	ppb	1	10						
200733	4C-58-414-3	2182018	ppb	1	10						
200734	4C-58-414-3	2182018	ppb	1	10						
200735	4C-58-414-3	2182018	ppb	1	10						
200736	4C-58-414-3	2182018	ppb	1	10						
200737	4C-58-414-3	2182018	ppb	1	10						
200738	4C-58-414-3	2182018	ppb	1	10						
200739	4C-58-414-3	2182018	ppb	1	10						
200740	4C-58-414-3	2182018	ppb	1	10						
200741	4C-58-414-3	2182018	ppb	1	10						
200742	4C-58-414-3	2182018	ppb	1	10						
200743	4C-58-414-3	2182018	ppb	1	10						
200744	4C-58-414-3	2182018	ppb	1	10						
200745	4C-58-414-3	2182018	ppb	1	10						
200746	4C-58-414-3	2182018	ppb	1	10						
200747	4C-58-414-3	2182018	ppb	1	10						
200748	4C-58-414-3	2182018	ppb	1	10						
200749	4C-58-414-3	2182018	ppb	1	10						
200750	4C-58-414-3	2182018	ppb	1	10						
200751	4C-58-414-3	2182018	ppb	1	10						
200752	4C-58-414-3	2182018	ppb	1	10						
200753	4C-58-414-3	2182018	ppb	1	10						
200754	4C-58-414-3	2182018	ppb	1	10						
200755	4C-58-414-3	2182018	ppb	1	10						
200756	4C-58-414-3	2182018	ppb	1	10						
200757	4C-58-414-3	2182018	ppb	1	10						
200758	4C-58-414-3	2182018	ppb	1	10						
200759	4C-58-414-3	2182018	ppb	1	10						
200760	4C-58-414-3	2182018	ppb	1	10						
200761	4C-58-414-3	2182018	ppb	1	10						
200762	4C-58-414-3	2182018	ppb	1	10						
200763	4C-58-414-3	2182018	ppb	1	10						
200764	4C-58-414-3	2182018	ppb	1	10						
200765	4C-58-414-3	2182018	ppb	1	10						
200766	4C-58-414-3	2182018	ppb	1	10						
200767	4C-58-414-3	2182018	ppb	1	10						
200768	4C-58-414-3	2182018	ppb	1	10						
200769	4C-58-414-3	2182018	ppb	1	10						
200770	4C-58-414-3	2182018	ppb	1	10						
200771	4C-58-414-3	2182018	ppb	1	10						
200772	4C-58-414-3	2182018	ppb	1	10						
200773	4C-58-414-3	2182018	ppb	1	10						
200774	4C-58-414-3	2182018	ppb	1	10						
200775	4C-58-414-3	2182018	ppb	1	10						
200776	4C-58-414-3	2182018	ppb	1	10						
200777	4C-58-414-3	2182018	ppb	1	10						
200778	4C-58-414-3	2182018	ppb	1	10						
200779	4C-58-414-3	2182018	ppb	1	10						
200780	4C-58-414-3	2182018	ppb	1	10						
200781	4C-58-414-3	2182018	ppb	1	10						
200782	4C-58-414-3	2182018	ppb	1	10						
200783	4C-58-414-3	2182018	ppb	1	10						
200784	4C-58-414-3	2182018	ppb	1	10						
200785	4C-58-414-3	2182018	ppb	1	10						
200786	4C-58-414-3	2182018	ppb	1	10						
200787	4C-58-414-3	2182018	ppb	1	10						
200788	4C-58-414-3	2182018	ppb	1	10						
200789	4C-58-414-3	2182018	ppb	1	10						
200790	4C-58-414-3	2182018	ppb	1	10						
200791	4C-58-414-3	2182018	ppb	1	10						
200792	4C-58-414-3	2182018	ppb	1	10						
200793	4C-58-414-3	2182018	ppb	1	10						
200794	4C-58-414-3	2182018	ppb	1	10						
200795	4C-58-414-3	2182018	ppb	1	10						
200796	4C-58-414-3	2182018	ppb	1	10						
200797	4C-58-414-3	2182018	ppb	1	10						
200798	4C-58-414-3	2182018	ppb	1	10						
200799	4C-58-414-3	2182018	ppb	1	10						
200800	4C-58-414-3	2182018	ppb	1	10						

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
PHE-ED020 INVESTIGATION REPORT FOR PHASE 4.4, OGDPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Noise
VOCs (continued)											
VOC010	44-08-13 (1)	101000A	Soil	Semi	No	1,1-Dichloroethene	Relative Standard Deviation % RSD	40.2%	50% to 250%	ND(0.000)	
						1,1-Dichloroethane	Relative Standard Deviation % RSD	49.2%	50% to 250%	ND(0.000)	
						1,1-Dichloroethane	Relative Standard Deviation % RSD	49.2%	50% to 250%	ND(0.000)	
						1,1-Dichloroethane	Relative Standard Deviation % RSD	49.2%	50% to 250%	ND(0.000)	
						1,1-Dichloroethane	Relative Standard Deviation % RSD	49.2%	50% to 250%	ND(0.000)	
VOC010	44-08-13 (1)	101000A	Soil	Semi	No	1,1-Dichloroethene	ICAL RRF	0.003	<0.01	ND(0.000)	
						1,1-Dichloroethane	ICAL RRF	0.009	<0.01	ND(0.000)	
						1,1-Dichloroethane	ICAL RRF	0.010	<0.01	ND(0.000)	
						1,1-Dichloroethane	ICAL RRF	0.010	<0.01	ND(0.000)	
						1,1-Dichloroethane	ICAL RRF	0.010	<0.01	ND(0.000)	
SVOCs											
VOC010	44-08-13 (1)	101000A	Soil	Semi	No	1,1-Dichloroethene	ICAL RSD	32.9%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.9%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	38.4%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.7%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	43.1%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL Lower Regression	0.412	<0.50	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	38.0%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RRF	0.000	<0.01	ND(0.01)	
						1,1-Dichloroethane	ICAL RRF	0.013	<0.01	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.0%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	36.0%	<25%	ND(0.01)	
						VOC010	44-08-14 (1)	101000B	Soil	Semi	No
1,1-Dichloroethane	ICAL RSD	37.9%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	38.4%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.7%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	43.1%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL Lower Regression	0.412	<0.50	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	38.0%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RRF	0.000	<0.01	ND(0.01)							
1,1-Dichloroethane	ICAL RRF	0.013	<0.01	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.0%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	36.0%	<25%	ND(0.01)							
VOC010	44-08-14 (1)	101000B	Soil	Semi	No						
						1,1-Dichloroethane	ICAL RSD	37.9%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	38.4%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.7%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	43.1%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL Lower Regression	0.412	<0.50	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	38.0%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RRF	0.000	<0.01	ND(0.01)	
						1,1-Dichloroethane	ICAL RRF	0.013	<0.01	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	37.0%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)	
						1,1-Dichloroethane	ICAL RSD	36.0%	<25%	ND(0.01)	
						VOC010	44-08-14 (1)	101000B	Soil	Semi	No	1,1-Dichloroethene	ICAL RSD	32.9%	<25%	ND(0.01)
1,1-Dichloroethane	ICAL RSD	37.9%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	38.4%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.7%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	43.1%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL Lower Regression	0.412	<0.50	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	38.0%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RRF	0.000	<0.01	ND(0.01)							
1,1-Dichloroethane	ICAL RRF	0.013	<0.01	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	37.0%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	34.5%	<25%	ND(0.01)							
1,1-Dichloroethane	ICAL RSD	36.0%	<25%	ND(0.01)							

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
M0001	44-08-1911-1	10/20/05	Soil	Tier 1	Yes	1,1,1-Trichloroethane	GCAL ND	0.1%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethane	GCAL ND	0.2%	<0.5%	ND(0.1)	
						1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
S02401	44-08-19001	10/20/05	Water	Tier 2	Yes	4-Aminobiphenyl	GCAL ND	0.1%	<0.5%	ND(0.1)	
						4-Nitrochlorobenzene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrophenol	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrotoluene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitroanisole	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrobenzyl alcohol	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrobenzoic acid	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrobenzylamine	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrobenzylamine	GCAL ND	0.0%	<0.5%	ND(0.1)	
						4-Nitrobenzylamine	GCAL ND	0.0%	<0.5%	ND(0.1)	
S02402	44-08-20-01-1	10/20/05	Soil	Tier 1	Yes	1,1-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
S02403	44-08-20-01-1	10/20/05	Soil	Tier 2	Yes	1,1-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
S02404	44-08-12-01-1	10/20/05	Soil	Tier 1	Yes	1,1-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
S02405	44-08-12-01-3	10/20/05	Soil	Tier 1	Yes	1,1-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,2-Dichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,1-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2-Trichloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethane	GCAL ND	0.0%	<0.5%	ND(0.1)	
						1,1,2,2-Tetrachloroethene	GCAL ND	0.0%	<0.5%	ND(0.1)	

TABLE E-1
ANALYTICAL DATA VALIDATION SUMMARY
PRECEDENT INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
Results are presented in parts per million, ppm

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualifier	Compound	QA/QC Parameter	Value	Control Limit	Qualified Result	Note
VOCs (continued)											
66P14	46-25-15 (1-4)	09/2005	Soil	Tier 1	Yes	Chloroform	ICAL 31	51.7%	<25%	ND00 971	
						Trichloroethylene	ICAL 31/50	31.2%	<20%	ND00 971	
						1,1,1-Trichloroethane	ICAL 31	37.2%	<20%	ND00 971	
						1,1,2-Trichloroethane	ICAL 31/50	6.01%	<10%	ND00 971	
						Methylene Chloride	ICAL 31	14.8%	<25%	ND00 971	
						Carbon Tetrachloride	ICAL 31/50	0.04%	<10%	ND00 971	
						1,1-Dichloroethane	ICAL 31	10.5%	<25%	ND00 971	
						1,1-Dichloro-2,2-dimethyl ethane	ICAL 31	29.0%	<25%	ND00 411	
						1,1,1,2-Tetrachloroethane	ICAL 31/50	33.4%	<25%	ND00 971	
						1,1,2,2-Tetrachloroethane	ICAL 31/50	2.20%	<20%	ND00 971	
66P15	46-25-15 (1-1)	09/2005	Soil	Tier 1	Yes	1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	29.4%	<25%	ND00 971	
						Acetone	ICAL 31	46.2%	<25%	ND00 450	
						Benzene	ICAL Linear Regression	0.41%	<10%	ND00 850	
						Bromobenzene	ICAL 31	21.8%	<25%	ND00 850	
						1,1-Dichloroethane	ICAL 31/50	34.0%	<25%	ND00 971	
						1,1-Dichloroethene	ICAL 31	88.1%	<25%	ND00 971	
						1,1,1-Trichloroethane	ICAL 31/50	0.07%	<10%	ND00 850	
						Methylene Chloride	ICAL 31	36.3%	<25%	ND00 971	
						Styrene	ICAL 31/50	0.04%	<10%	ND00 411	
						66P16	46-25-15 (1-3)	09/2005	Soil	Tier 1	Yes
1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	34.3%	<25%	ND00 741							
Acetone	ICAL 31	40.0%	<25%	ND00 371							
Benzene	ICAL Linear Regression	0.41%	<10%	ND00 741							
1,1-Dichloroethane	ICAL 31	89.2%	<25%	ND00 741							
1,1-Dichloroethene	ICAL 31	34.5%	<25%	ND00 741							
1,1,1-Trichloroethane	ICAL 31/50	0.07%	<10%	ND00 741							
Methylene Chloride	ICAL 31	34.0%	<25%	ND00 741							
Styrene	ICAL 31/50	0.04%	<10%	ND00 371							
66P17	46-25-15 (1-7)	10/0007	Soil	Tier 1	Yes						
						1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	34.3%	<25%	ND00 711	
						Acetone	ICAL 31	35.0%	<25%	ND00 361	
						Benzene	ICAL Linear Regression	0.41%	<10%	ND00 711	
						1,1-Dichloroethane	ICAL 31/50	56.2%	<25%	ND00 711	
						1,1-Dichloroethene	ICAL 31/50	34.5%	<25%	ND00 711	
						1,1,1-Trichloroethane	ICAL 31/50	0.21%	<10%	ND00 711	
						1,1,2-Trichloroethane	ICAL 31/50	0.01%	<10%	ND00 711	
						Methylene Chloride	ICAL 31	34.0%	<25%	ND00 711	
						Styrene	ICAL 31/50	0.04%	<10%	ND00 361	
66P18	46-25-15 (1-1)	08/2001	Soil	Tier 1	Yes	1,1,1-Trichloroethane	ICAL 31/50	0.04%	<10%	ND00 771	
						1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	34.3%	<25%	ND00 771	
						Acetone	ICAL 31	46.2%	<25%	ND00 361	
						Benzene	ICAL Linear Regression	0.41%	<10%	ND00 771	
						1,1-Dichloroethane	ICAL 31	65.2%	<25%	ND00 771	
						1,1-Dichloroethene	ICAL 31/50	34.5%	<25%	ND00 771	
						1,1,1-Trichloroethane	ICAL 31	97.2%	<25%	ND00 771	
						1,1,2-Trichloroethane	ICAL 31/50	0.01%	<10%	ND00 771	
						Methylene Chloride	ICAL 31	34.0%	<25%	ND00 771	
						Styrene	ICAL 31/50	0.04%	<10%	ND00 361	
66P19	46-25-15 (1-5)	08/2001	Soil	Tier 1	Yes	1,1,1-Trichloroethane	ICAL 31/50	0.04%	<10%	ND00 781	
						1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	34.3%	<25%	ND00 781	
						Acetone	ICAL 31	46.0%	<25%	ND00 361	
						Benzene	ICAL Linear Regression	0.41%	<10%	ND00 781	
						1,1-Dichloroethane	ICAL 31	65.2%	<25%	ND00 781	
						1,1-Dichloroethene	ICAL 31/50	34.5%	<25%	ND00 781	
						1,1,1-Trichloroethane	ICAL 31	97.2%	<25%	ND00 781	
						1,1,2-Trichloroethane	ICAL 31/50	0.01%	<10%	ND00 781	
						Methylene Chloride	ICAL 31	34.0%	<25%	ND00 781	
						Styrene	ICAL 31/50	0.04%	<10%	ND00 361	
66P20	46-25-15 (1-1)	09/2005	Soil	Tier 1	Yes	1,1,1-Trichloroethane	ICAL 31/50	0.04%	<10%	ND00 771	
						1,1-Dimethyl-2,2-dimethyl ethane	ICAL 31	34.3%	<25%	ND00 771	
						Acetone	ICAL 31	46.0%	<25%	ND00 361	
						Benzene	ICAL Linear Regression	0.41%	<10%	ND00 771	
						1,1-Dichloroethane	ICAL 31	65.2%	<25%	ND00 771	
						1,1-Dichloroethene	ICAL 31/50	34.5%	<25%	ND00 771	
						1,1,1-Trichloroethane	ICAL 31	97.2%	<25%	ND00 771	
						1,1,2-Trichloroethane	ICAL 31/50	0.01%	<10%	ND00 771	
						Methylene Chloride	ICAL 31	34.0%	<25%	ND00 771	
						Styrene	ICAL 31/50	0.04%	<10%	ND00 361	

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
PRE-REMEDIATION INVESTIGATION REPORT FOR PHASE 4 FLOORPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Reports are generated in pdfs per www.illion.com)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	SWQG Parameter	Yield	Control Limit	Qualified Result	Notes
200701	41-56-01-1 (1)	04/2008	Soil	Tier 1	Yes	Dieldrin	CCAL ND	40.2%	<2%	ND0.010	
						Heachtochlorin	CCAL ND	14.5%	<2%	ND0.010	
						Heachtochlorin	CCAL ND	47.2%	<2%	ND0.010	
						Heachtochlorin	CCAL ND	0.1%	<1%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
200701	41-56-01-1 (1)	04/2008	Soil	Tier 1	Yes	4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010	
						4-Chlorophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	49.2%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.2%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						Endrin	CCAL ND	0.1%	<2%	ND0.010	
						200701	41-56-01-1 (1)	04/2008	Soil	Tier 1	Yes	2,4-Dinitrophenol	CCAL ND	0.04%	<2%	ND0.010
4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010							
4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
200720	41-56-11-1 (1)	04/2008	Soil	Tier 1	Yes							2,4-Dinitrophenol	CCAL ND	0.04%	<2%	ND0.010
						4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010	
						4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						Endrin	CCAL ND	0.04%	<2%	ND0.010	
						200724	41-56-11-1 (1)	04/2008	Soil	Tier 1	Yes	2,4-Dinitrophenol	CCAL ND	0.04%	<2%	ND0.010
4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010							
4-Nitrophenol-Toluene	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
Endrin	CCAL ND	0.04%	<2%	ND0.010							
200725	41-56-11-1 (1)	04/2008	Soil	Tier 1	Yes						
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2-Dichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2-Dichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-point	17.0%, 17.5%	20% to 120%, 18% to 120%	ND0.010	

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
FIELDWORK INVESTIGATION REPORT FOR KNABE 44 LINDSEY JAM PROGRAMS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Identification	Compound	SWQCC Parameter	Yield	Current Limits	Quoted Result	Notes
000001	C-58271-01	09/05/04	Soil	Level 1	Yes	1 Chlorobenzene	Surrogate Recovery Data Module	83.0% (71.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						2 Methylene Chloride	Surrogate Recovery Data Module	73.0% (57.0% - 100.0%)	80% to 110% (50% to 100%) 100% to 110%	4000.400.1	
						3 o-Chlorophenol	Surrogate Recovery Data Module	93.0% (77.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						4 p-Nitrophenol	Surrogate Recovery Data Module	77.0% (61.0% - 100.0%)	100% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						5 Pyrene	Surrogate Recovery Data Module	70.0% (54.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						6,6'-Dibromodiphenyl Ether	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						7,7'-Dibromodiphenyl Ether	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						8,8'-Dibromodiphenyl Ether	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						9,9'-Dibromodiphenyl Ether	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						10 Fluorene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						11 Anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						12 Phenanthrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						13 Fluoranthene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						14 Pyrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						15 Indeno(1,2,3-cd)pyrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						16 Benzo(a)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						17 Benzo(b)fluoranthene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						18 Benzo(k)fluoranthene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						19 Benzo(e)pyrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						20 Benzo(g)perylene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						21 Indeno(1,2,3-cd)perylene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						22 Dibenz(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						23 Benzo(a)pyrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						24 Benzo(b)fluoranthene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						25 Benzo(k)fluoranthene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						26 Benzo(e)pyrene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						27 Benzo(g)perylene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						28 Indeno(1,2,3-cd)perylene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						29 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						30 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						31 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						32 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						33 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						34 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						35 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						36 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						37 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						38 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						39 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						40 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						41 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						42 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						43 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						44 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						45 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						46 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						47 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						48 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						49 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	
						50 Dibenzo(a,h)anthracene	Surrogate Recovery Data Module	100.0% (84.0% - 100.0%)	90% to 110% (70% to 100%) 100% to 110%	4000.400.1	

TABLE 1
ANALYTICAL DATA VALIDATION SUMMARY
PROCESSED WINDIGATION REPORT FOR PHASE 1 FLOODPLAIN PROJECT

GENERAL ELECTRIC COMPANY - PITZFIELD, MASSACHUSETTS
 (Results are presented in parts per million ppm)

Sample Group No.	Sample ID	Date Collected	Media	Validation Level	Qualification	Compound	QC Parameter	Value	Control Limits	Qualified Result	Notes
00000	AC-RS-245-W	00000	Soil	Level 1	Yes	Methoxychlor	Surrogate Recovery Surrogate	21.0%, 21.0%, 21.0%	20% - 210% 20% - 210%	4000-001	
						Methyl-D-chlorobenzene	Surrogate Recovery Surrogate	22.0%, 22.0%, 22.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDE	Surrogate Recovery Surrogate	23.0%, 23.0%, 23.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	24.0%, 24.0%, 24.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	25.0%, 25.0%, 25.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	26.0%, 26.0%, 26.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	27.0%, 27.0%, 27.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	28.0%, 28.0%, 28.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	29.0%, 29.0%, 29.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	30.0%, 30.0%, 30.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	31.0%, 31.0%, 31.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	32.0%, 32.0%, 32.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	33.0%, 33.0%, 33.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	34.0%, 34.0%, 34.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	35.0%, 35.0%, 35.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	36.0%, 36.0%, 36.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	37.0%, 37.0%, 37.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	38.0%, 38.0%, 38.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	39.0%, 39.0%, 39.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	40.0%, 40.0%, 40.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	41.0%, 41.0%, 41.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	42.0%, 42.0%, 42.0%	20% - 210% 20% - 210%	4000-001	
						o,p'-DDD	Surrogate Recovery Surrogate	43.0%, 43.0%, 43.0%	20% - 210% 20% - 210%	4000-001	
						00000	AC-RS-245-W	00000	Soil	Level 1	Yes
1,1-Dichloroethane	Surrogate Recovery Surrogate	25.0%, 25.0%, 25.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	26.0%, 26.0%, 26.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	27.0%, 27.0%, 27.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	28.0%, 28.0%, 28.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	29.0%, 29.0%, 29.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	30.0%, 30.0%, 30.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	31.0%, 31.0%, 31.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	32.0%, 32.0%, 32.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	33.0%, 33.0%, 33.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	34.0%, 34.0%, 34.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	35.0%, 35.0%, 35.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	36.0%, 36.0%, 36.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	37.0%, 37.0%, 37.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	38.0%, 38.0%, 38.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	39.0%, 39.0%, 39.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	40.0%, 40.0%, 40.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	41.0%, 41.0%, 41.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	42.0%, 42.0%, 42.0%	20% - 210% 20% - 210%	4000-001							
1,1-Dichloroethane	Surrogate Recovery Surrogate	43.0%, 43.0%, 43.0%	20% - 210% 20% - 210%	4000-001							

**TABLE B.1
ANALYTICAL DATA VALIDATION SUMMARY
PRE-DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES**

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Slip #	Sample ID	Date Collected	Matrix	Validation Level	Qualitative	Compound	QA/QC Position	Value	Control Limits	Qualified Result	Notes						
SVOCs (continued)																	
100720 100720	4C-SB-10-11	1/20/05	Soil	See 3	Yes	Chlorobenzene	CCAL 100	0.04	<0.05	ND(1.0)							
						4-Nitrochlorobenzene	CCAL 100	0.15	<0.5	ND(1.0)							
						4-Nitrophenol	CCAL 100	0.001	<0.05	ND(0.1)							
						2,4-Dinitrochlorobenzene	CCAL 100	0.05	<0.5	ND(0.1)							
						o-Cresol	CCAL 100	44.38	<250	ND(1.0)							
						p-Cresol	CCAL 100	1.412	<10.00	ND(1.0)							
						o-Xylene	CCAL 100	86.85	<250	ND(1.0)							
						m-Xylene	CCAL 100	0.01	<0.05	ND(0.1)							
						1,2,4-Trichlorobenzene	CCAL 100	14.75	<500	ND(1.0)							
						1,2,4-Trichloroethane	CCAL 100	30.35	<250	ND(1.0)							
						1,2-Dichloroethane	CCAL 100	0.024	<0.10	ND(0.1)							
						Methylene chloride	CCAL 100	38.45	<250	ND(1.0)							
						Styrene	CCAL 100	0.04	<0.05	ND(0.1)							
						1,4-Dioxane	CCAL 100	0.75	<2.5	ND(0.1)							
						100721 100721	4C-SB-10-11	1/20/05	Soil	See 3	Yes	2,4-Dinitrochlorobenzene	CCAL 100	0.04	<0.5	ND(0.1)	
4-Nitrochlorobenzene	CCAL 100	0.15	<0.5	ND(0.1)													
4-Nitrophenol	CCAL 100	0.029	<0.05	ND(0.1)													
2,4-Dinitrochlorobenzene	CCAL 100	37.45	<250	ND(1.0)													
o-Cresol	CCAL 100	47.95	<250	ND(1.0)													
p-Cresol	CCAL 100	0.812	<10.00	ND(0.1)													
m-Xylene	CCAL 100	11.15	<250	ND(0.1)													
o-Xylene	CCAL 100	0.01	<0.05	ND(0.1)													
1,2,4-Trichlorobenzene	CCAL 100	44.15	<250	ND(1.0)													
1,2-Dichloroethane	CCAL 100	0.775	<0.5	ND(0.1)													
1,2,4-Trichloroethane	CCAL 100	0.02	<0.05	ND(0.1)													
Methylene chloride	CCAL 100	35.35	<250	ND(1.0)													
Styrene	CCAL 100	0.04	<0.05	ND(0.1)													
100722 100722	4C-SB-10-11	1/20/05	Soil	See 3	Yes							2,4-Dinitrochlorobenzene	CCAL 100	0.04	<0.5	ND(0.1)	
												4-Nitrochlorobenzene	CCAL 100	0.048	<0.05	ND(0.1)	
						4-Nitrophenol	CCAL 100	17.25	<250	ND(1.0)							
						2,4-Dinitrochlorobenzene	CCAL 100	45.95	<250	ND(1.0)							
						o-Cresol	CCAL 100	0.43	<10.00	ND(0.1)							
						p-Cresol	CCAL 100	83.25	<250	ND(1.0)							
						o-Xylene	CCAL 100	0.01	<0.05	ND(0.1)							
						1,2,4-Trichlorobenzene	CCAL 100	34.55	<250	ND(1.0)							
						1,2-Dichloroethane	CCAL 100	0.02	<0.05	ND(0.1)							
						Methylene chloride	CCAL 100	37.95	<250	ND(1.0)							
						Styrene	CCAL 100	0.04	<0.05	ND(0.1)							
						100723 100723	4C-SB-10-11	1/20/05	Soil	See 3	Yes	2,4-Dinitrochlorobenzene	CCAL 100	0.04	<0.5	ND(0.1)	
												4-Nitrochlorobenzene	CCAL 100	0.25	<0.5	ND(0.1)	
												4-Nitrophenol	CCAL 100	0.04	<0.05	ND(0.1)	
												2,4-Dinitrochlorobenzene	CCAL 100	34.45	<250	ND(1.0)	
o-Cresol	CCAL 100	46.15	<250	ND(1.0)													
p-Cresol	CCAL 100	1.81	<10.00	ND(0.1)													
m-Xylene	CCAL 100	4.85	<250	ND(0.1)													
1,2,4-Trichlorobenzene	CCAL 100	34.55	<250	ND(1.0)													
1,2-Dichloroethane	CCAL 100	0.02	<0.05	ND(0.1)													
Methylene chloride	CCAL 100	36.05	<250	ND(1.0)													
Styrene	CCAL 100	0.04	<0.05	ND(0.1)													
100724 100724	4C-SB-10-11	1/20/05	Soil	See 3	Yes							2,4-Dinitrochlorobenzene	CCAL 100	0.04	<0.5	ND(0.1)	
												4-Nitrochlorobenzene	CCAL 100	0.048	<0.05	ND(0.1)	
												4-Nitrophenol	CCAL 100	17.05	<250	ND(1.0)	
												2,4-Dinitrochlorobenzene	CCAL 100	45.95	<250	ND(1.0)	
						o-Cresol	CCAL 100	0.43	<10.00	ND(0.1)							
						p-Cresol	CCAL 100	83.25	<250	ND(1.0)							
						o-Xylene	CCAL 100	0.01	<0.05	ND(0.1)							
						1,2,4-Trichlorobenzene	CCAL 100	34.55	<250	ND(1.0)							
						1,2-Dichloroethane	CCAL 100	0.02	<0.05	ND(0.1)							
						Methylene chloride	CCAL 100	37.95	<250	ND(1.0)							
						Styrene	CCAL 100	0.04	<0.05	ND(0.1)							
						100725 100725	4C-SB-10-11	1/20/05	Soil	See 3	Yes	2,4-Dinitrochlorobenzene	CCAL 100	0.04	<0.5	ND(0.1)	
												4-Nitrochlorobenzene	CCAL 100	0.048	<0.05	ND(0.1)	
												4-Nitrophenol	CCAL 100	17.05	<250	ND(1.0)	
												2,4-Dinitrochlorobenzene	CCAL 100	45.95	<250	ND(1.0)	
o-Cresol	CCAL 100	0.43	<10.00	ND(0.1)													
p-Cresol	CCAL 100	83.25	<250	ND(1.0)													
o-Xylene	CCAL 100	0.01	<0.05	ND(0.1)													
1,2,4-Trichlorobenzene	CCAL 100	34.55	<250	ND(1.0)													
1,2-Dichloroethane	CCAL 100	0.02	<0.05	ND(0.1)													
Methylene chloride	CCAL 100	37.95	<250	ND(1.0)													
Styrene	CCAL 100	0.04	<0.05	ND(0.1)													

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
FEDERAL BUREAU OF INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENCO, ELECTRIC COMPANY - INTERIOR, MASSACHUSETTS
(Results are presented in parts per million ppm)

Sample Name/Group No.	Sample ID	Date Collected	Matrix	Recovery Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Statistical Result	Notes
2004-01-08 2004-01-08	02-01-11-12	2/10/04	Soil	100%	Yes	Chlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	97% 110% 100% 100%	1000-4000	
						Dibromobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						Diphenylmethane	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						Fluorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						Toluene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2-Dichlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,4-Dichlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,4-Trichlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,3,5-Trichlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3-Trichlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4-Tetrachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,5-Tetrachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,6-Tetrachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5-Pentachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,6-Pentachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,5,6-Pentachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6-Hexachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7-Heptachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8-Octachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9-Nonachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10-Decachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11-Undecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12-Dodecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13-Tridecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14-Tetradecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15-Pentadecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16-Hexadecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17-Heptadecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18-Octadecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19-Nonadecachlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	
						1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20-Eicosa-chlorobenzene	Surrogate Recovery Standard	10.0% 10.0% 11.0%	100% 110% 100% 100%	1000-4000	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
FREEDSON INVESTIGATION REPORT FOR PHASE 4 TLDONFLAK PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Analysis Group No.	Sample No.	Date Collection	Matrix	Validation Level	Quantitation	Compound	GMCC Parameter	Value	Control Limits	Qualified Result	Notes	
SVOCs (continued)												
00P24a	4C-20-11 (1) B	2/10/2007	Soil	Tier II	Yes	2-Chlorobenzene	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						2-Chloroethanol	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						2-Chloroethane	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						2-Chlorophenol	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenol	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						Phenylolone	Surrogate Recovery Data-Heptane	24.0%	10.0% - 11.0%	20% to 115% 25% to 125% (6% to 115%)	ND(1) ND(1)	
						00P24b	4C-20-11 (1) B	2/10/2007	Soil	Tier 4	No	2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
00P24c	4C-20-11 (1) B	2/10/2007	Soil	Tier I	Yes							2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						00P24d	4C-20-11 (1) B	2/10/2007	Soil	Tier I	Yes	2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)							
00P24e	4C-20-11 (1) B	2/10/2007	Soil	Tier I	Yes							2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	
						2,4-Dichlorophenol	GCAL ND	21.2%		ND(1)	ND(1) ND(1)	

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
HAWKSWORTH INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualifier	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
2017 (continued)											
2017-201	AC-28-17-20-1	2/1/2018	Soil	Tier II	Yes	o-Menthylacetate	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						p-menthylacetate	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						o-cymenylacetate (methyl)	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						o-Toluenes	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						o-Toluenesulfonamide	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Paracetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
						Propylparacetamol	Surrogate Recovery Data-normal	10.0% 10.0% 0.0%	80% to 110% 20% to 120% 10% to 120%	#	
2017-201	AC-28-17-20-2	2/1/2018	Soil	Tier I	Yes	o-Cymenylacetate	CCAL-NP	10.0%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	1.00%	<0.0%	ND(0.001)	
						p-Toluenesulfonamide	CCAL-NP	1.7%	<0.0%	ND(0.001)	
						o-Toluenes	CCAL-NP	48.1%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.81%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.7%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	34.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	46.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.01%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.54%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	21.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	10.9%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.94%	<0.0%	ND(0.001)	
2017-201	AC-28-17-20-3	2/1/2018	Soil	Tier I	Yes	o-Cymenylacetate	CCAL-NP	10.0%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	1.00%	<0.0%	ND(0.001)	
						p-Toluenesulfonamide	CCAL-NP	1.7%	<0.0%	ND(0.001)	
						o-Toluenes	CCAL-NP	48.1%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.81%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.7%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	34.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	46.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.01%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.54%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	21.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	10.9%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.94%	<0.0%	ND(0.001)	
2017-201	AC-28-17-20-4	2/1/2018	Soil	Tier I	Yes	o-Cymenylacetate	CCAL-NP	10.0%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	1.00%	<0.0%	ND(0.001)	
						p-Toluenesulfonamide	CCAL-NP	1.7%	<0.0%	ND(0.001)	
						o-Toluenes	CCAL-NP	48.1%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.81%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.7%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	34.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	46.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.01%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.4%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.54%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	21.5%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	10.9%	<0.0%	ND(0.001)	
						o-Toluenesulfonamide	CCAL-NP	0.94%	<0.0%	ND(0.001)	

TABLE 1
ENVIRONMENTAL DATA COLLECTION SUMMARY
PRELIMINARY INVESTIGATION REPORT FOR PHASE 1 FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(Reports are presented in pairs per data point)

Sample Group	Sample ID	Date Collected	Matrix	Violation Level	Classification	Component	QA/QC Parameter	Value	Control Limit	Qualifier	Notes
GROUNDWATER	GC-08717-11	01/14/2014	GW	Tier II	Yes	Chloride	GCAL 101	1.2%	100%	None	
						Copper	GCAL 101	0.041	0.050	None	
						Lead	GCAL 101	0.1%	0.1%	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Nickel	GCAL 101	0.02%	0.02%	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101	0.001	0.001	None	
						Chromium VI	GCAL 101	0.001	0.001	None	
						Iron	GCAL 101	0.001	0.001	None	
						Manganese	GCAL 101	0.001	0.001	None	
						Mercury	GCAL 101	0.001	0.001	None	
						Molybdenum	GCAL 101	0.001	0.001	None	
						Sealant	GCAL 101	0.001	0.001	None	
						Vanadium	GCAL 101	0.001	0.001	None	
						Zinc	GCAL 101	0.001	0.001	None	
						Asbestos	GCAL 101	0.001	0.001	None	
						Ammonia	GCAL 101	0.001	0.001	None	
						Barium	GCAL 101	0.001	0.001	None	
						Beryllium	GCAL 101	0.001	0.001	None	
						Bismuth	GCAL 101	0.001	0.001	None	
						Chromium	GCAL 101	0.001	0.001	None	
						Cadmium	GCAL 101				

TABLE 4
ANALYTICAL DATA VERIFICATION SUMMARY
VRS DESIGN INVESTIGATION REPORT FOR PHASE 4 FLOORPLAN PROPERTIES

GENERAL ELECTRIC COMPANY - HYDEPARK, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Violation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VRS-01	VRS-01-101	2/18/2010	Soil	TSP	Yes	2-Propylthiouracil	ICAL ND	0.1%	ND	ND	ND
						4-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						5-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						6-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						7-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						8-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						9-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						10-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						11-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						12-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						13-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						14-Methylthiouracil	ICAL ND	0.01	ND	ND	ND
						VRS-01	VRS-01-101	2/18/2010	Soil	TSP	Yes	1,2-DCD-Dichlorodibenzodioxin	Surrogate Recovery Blank	14.0%	17.2% - 2.3%	ND	ND
1,2,4-DCD-Dichlorodioxine	Surrogate Recovery Blank	16.0%	17.0% - 1.3%	ND	ND						
1,2-Dichlorodibenzodioxin	Surrogate Recovery Blank	10.0%	11.0% - 2.3%	ND	ND						
1,2-Dichlorodibenzofuran	Surrogate Recovery Blank	10.0%	11.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzodioxin	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodibenzofuran	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						
1,2,4-Trichlorodioxine	Surrogate Recovery Blank	18.0%	17.0% - 2.3%	ND	ND						

TABLE 2 - I
ANALYTICAL DATA VALIDATION SUMMARY
PAI (BIBB) INVESTIGATION REPORT FOR PHASE A PLODD PLAM PROPERTIES

GENERAL ELECTRIC COMPANY - FITZSBELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Designation	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Component	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PC-1000-1	PC-1000-1	10/10/00	PC-1000-1	1	1	PC-1000-1	PC-1000-1	100	100	100	
PC-1000-2	PC-1000-2	10/10/00	PC-1000-2	1	1	PC-1000-2	PC-1000-2	100	100	100	
PC-1000-3	PC-1000-3	10/10/00	PC-1000-3	1	1	PC-1000-3	PC-1000-3	100	100	100	
PC-1000-4	PC-1000-4	10/10/00	PC-1000-4	1	1	PC-1000-4	PC-1000-4	100	100	100	
PC-1000-5	PC-1000-5	10/10/00	PC-1000-5	1	1	PC-1000-5	PC-1000-5	100	100	100	
PC-1000-6	PC-1000-6	10/10/00	PC-1000-6	1	1	PC-1000-6	PC-1000-6	100	100	100	
PC-1000-7	PC-1000-7	10/10/00	PC-1000-7	1	1	PC-1000-7	PC-1000-7	100	100	100	
PC-1000-8	PC-1000-8	10/10/00	PC-1000-8	1	1	PC-1000-8	PC-1000-8	100	100	100	
PC-1000-9	PC-1000-9	10/10/00	PC-1000-9	1	1	PC-1000-9	PC-1000-9	100	100	100	
PC-1000-10	PC-1000-10	10/10/00	PC-1000-10	1	1	PC-1000-10	PC-1000-10	100	100	100	
PC-1000-11	PC-1000-11	10/10/00	PC-1000-11	1	1	PC-1000-11	PC-1000-11	100	100	100	
PC-1000-12	PC-1000-12	10/10/00	PC-1000-12	1	1	PC-1000-12	PC-1000-12	100	100	100	
PC-1000-13	PC-1000-13	10/10/00	PC-1000-13	1	1	PC-1000-13	PC-1000-13	100	100	100	
PC-1000-14	PC-1000-14	10/10/00	PC-1000-14	1	1	PC-1000-14	PC-1000-14	100	100	100	
PC-1000-15	PC-1000-15	10/10/00	PC-1000-15	1	1	PC-1000-15	PC-1000-15	100	100	100	
PC-1000-16	PC-1000-16	10/10/00	PC-1000-16	1	1	PC-1000-16	PC-1000-16	100	100	100	
PC-1000-17	PC-1000-17	10/10/00	PC-1000-17	1	1	PC-1000-17	PC-1000-17	100	100	100	
PC-1000-18	PC-1000-18	10/10/00	PC-1000-18	1	1	PC-1000-18	PC-1000-18	100	100	100	
PC-1000-19	PC-1000-19	10/10/00	PC-1000-19	1	1	PC-1000-19	PC-1000-19	100	100	100	
PC-1000-20	PC-1000-20	10/10/00	PC-1000-20	1	1	PC-1000-20	PC-1000-20	100	100	100	
PC-1000-21	PC-1000-21	10/10/00	PC-1000-21	1	1	PC-1000-21	PC-1000-21	100	100	100	
PC-1000-22	PC-1000-22	10/10/00	PC-1000-22	1	1	PC-1000-22	PC-1000-22	100	100	100	
PC-1000-23	PC-1000-23	10/10/00	PC-1000-23	1	1	PC-1000-23	PC-1000-23	100	100	100	
PC-1000-24	PC-1000-24	10/10/00	PC-1000-24	1	1	PC-1000-24	PC-1000-24	100	100	100	
PC-1000-25	PC-1000-25	10/10/00	PC-1000-25	1	1	PC-1000-25	PC-1000-25	100	100	100	
PC-1000-26	PC-1000-26	10/10/00	PC-1000-26	1	1	PC-1000-26	PC-1000-26	100	100	100	
PC-1000-27	PC-1000-27	10/10/00	PC-1000-27	1	1	PC-1000-27	PC-1000-27	100	100	100	
PC-1000-28	PC-1000-28	10/10/00	PC-1000-28	1	1	PC-1000-28	PC-1000-28	100	100	100	
PC-1000-29	PC-1000-29	10/10/00	PC-1000-29	1	1	PC-1000-29	PC-1000-29	100	100	100	
PC-1000-30	PC-1000-30	10/10/00	PC-1000-30	1	1	PC-1000-30	PC-1000-30	100	100	100	
PC-1000-31	PC-1000-31	10/10/00	PC-1000-31	1	1	PC-1000-31	PC-1000-31	100	100	100	
PC-1000-32	PC-1000-32	10/10/00	PC-1000-32	1	1	PC-1000-32	PC-1000-32	100	100	100	
PC-1000-33	PC-1000-33	10/10/00	PC-1000-33	1	1	PC-1000-33	PC-1000-33	100	100	100	
PC-1000-34	PC-1000-34	10/10/00	PC-1000-34	1	1	PC-1000-34	PC-1000-34	100	100	100	
PC-1000-35	PC-1000-35	10/10/00	PC-1000-35	1	1	PC-1000-35	PC-1000-35	100	100	100	
PC-1000-36	PC-1000-36	10/10/00	PC-1000-36	1	1	PC-1000-36	PC-1000-36	100	100	100	
PC-1000-37	PC-1000-37	10/10/00	PC-1000-37	1	1	PC-1000-37	PC-1000-37	100	100	100	
PC-1000-38	PC-1000-38	10/10/00	PC-1000-38	1	1	PC-1000-38	PC-1000-38	100	100	100	
PC-1000-39	PC-1000-39	10/10/00	PC-1000-39	1	1	PC-1000-39	PC-1000-39	100	100	100	
PC-1000-40	PC-1000-40	10/10/00	PC-1000-40	1	1	PC-1000-40	PC-1000-40	100	100	100	
PC-1000-41	PC-1000-41	10/10/00	PC-1000-41	1	1	PC-1000-41	PC-1000-41	100	100	100	
PC-1000-42	PC-1000-42	10/10/00	PC-1000-42	1	1	PC-1000-42	PC-1000-42	100	100	100	
PC-1000-43	PC-1000-43	10/10/00	PC-1000-43	1	1	PC-1000-43	PC-1000-43	100	100	100	
PC-1000-44	PC-1000-44	10/10/00	PC-1000-44	1	1	PC-1000-44	PC-1000-44	100	100	100	
PC-1000-45	PC-1000-45	10/10/00	PC-1000-45	1	1	PC-1000-45	PC-1000-45	100	100	100	
PC-1000-46	PC-1000-46	10/10/00	PC-1000-46	1	1	PC-1000-46	PC-1000-46	100	100	100	
PC-1000-47	PC-1000-47	10/10/00	PC-1000-47	1	1	PC-1000-47	PC-1000-47	100	100	100	
PC-1000-48	PC-1000-48	10/10/00	PC-1000-48	1	1	PC-1000-48	PC-1000-48	100	100	100	
PC-1000-49	PC-1000-49	10/10/00	PC-1000-49	1	1	PC-1000-49	PC-1000-49	100	100	100	
PC-1000-50	PC-1000-50	10/10/00	PC-1000-50	1	1	PC-1000-50	PC-1000-50	100	100	100	
PC-1000-51	PC-1000-51	10/10/00	PC-1000-51	1	1	PC-1000-51	PC-1000-51	100	100	100	
PC-1000-52	PC-1000-52	10/10/00	PC-1000-52	1	1	PC-1000-52	PC-1000-52	100	100	100	
PC-1000-53	PC-1000-53	10/10/00	PC-1000-53	1	1	PC-1000-53	PC-1000-53	100	100	100	
PC-1000-54	PC-1000-54	10/10/00	PC-1000-54	1	1	PC-1000-54	PC-1000-54	100	100	100	
PC-1000-55	PC-1000-55	10/10/00	PC-1000-55	1	1	PC-1000-55	PC-1000-55	100	100	100	
PC-1000-56	PC-1000-56	10/10/00	PC-1000-56	1	1	PC-1000-56	PC-1000-56	100	100	100	
PC-1000-57	PC-1000-57	10/10/00	PC-1000-57	1	1	PC-1000-57	PC-1000-57	100	100	100	
PC-1000-58	PC-1000-58	10/10/00	PC-1000-58	1	1	PC-1000-58	PC-1000-58	100	100	100	
PC-1000-59	PC-1000-59	10/10/00	PC-1000-59	1	1	PC-1000-59	PC-1000-59	100	100	100	
PC-1000-60	PC-1000-60	10/10/00	PC-1000-60	1	1	PC-1000-60	PC-1000-60	100	100	100	
PC-1000-61	PC-1000-61	10/10/00	PC-1000-61	1	1	PC-1000-61	PC-1000-61	100	100	100	
PC-1000-62	PC-1000-62	10/10/00	PC-1000-62	1	1	PC-1000-62	PC-1000-62	100	100	100	
PC-1000-63	PC-1000-63	10/10/00	PC-1000-63	1	1	PC-1000-63	PC-1000-63	100	100	100	
PC-1000-64	PC-1000-64	10/10/00	PC-1000-64	1	1	PC-1000-64	PC-1000-64	100	100	100	
PC-1000-65	PC-1000-65	10/10/00	PC-1000-65	1	1	PC-1000-65	PC-1000-65	100	100	100	
PC-1000-66	PC-1000-66	10/10/00	PC-1000-66	1	1	PC-1000-66	PC-1000-66	100	100	100	
PC-1000-67	PC-1000-67	10/10/00	PC-1000-67	1	1	PC-1000-67	PC-1000-67	100	100	100	
PC-1000-68	PC-1000-68	10/10/00	PC-1000-68	1	1	PC-1000-68	PC-1000-68	100	100	100	
PC-1000-69	PC-1000-69	10/10/00	PC-1000-69	1	1	PC-1000-69	PC-1000-69	100	100	100	
PC-1000-70	PC-1000-70	10/10/00	PC-1000-70	1	1	PC-1000-70	PC-1000-70	100	100	100	
PC-1000-71	PC-1000-71	10/10/00	PC-1000-71	1	1	PC-1000-71	PC-1000-71	100	100	100	
PC-1000-72	PC-1000-72	10/10/00	PC-1000-72	1	1	PC-1000-72	PC-1000-72	100	100	100	
PC-1000-73	PC-1000-73	10/10/00	PC-1000-73	1	1	PC-1000-73	PC-1000-73	100	100	100	
PC-1000-74	PC-1000-74	10/10/00	PC-1000-74	1	1	PC-1000-74	PC-1000-74	100	100	100	
PC-1000-75	PC-1000-75	10/10/00	PC-1000-75	1	1	PC-1000-75	PC-1000-75	100	100	100	
PC-1000-76	PC-1000-76	10/10/00	PC-1000-76	1	1	PC-1000-76	PC-1000-76	100	100	100	
PC-1000-77	PC-1000-77	10/10/00	PC-1000-77	1	1	PC-1000-77	PC-1000-77	100	100	100	
PC-1000-78	PC-1000-78	10/10/00	PC-1000-78	1	1	PC-1000-78	PC-1000-78	100	100	100	
PC-1000-79	PC-1000-79	10/10/00	PC-1000-79	1	1	PC-1000-79	PC-1000-79	100	100	100	
PC-1000-80	PC-1000-80	10/10/00	PC-1000-80	1	1	PC-1000-80	PC-1000-80	100	100	100	
PC-1000-81	PC-1000-81	10/10/00	PC-1000-81	1	1	PC-1000-81	PC-1000-81	100	100	100	
PC-1000-82	PC-1000-82	10/10/00	PC-1000-82	1	1	PC-1000-82	PC-1000-82	100	100	100	
PC-1000-83	PC-1000-83	10/10/00	PC-1000-83	1	1	PC-1000-83	PC-1000-83	100	100	100	
PC-1000-84	PC-1000-84	10/10/00	PC-1000-84	1	1	PC-1000-84	PC-1000-84	100	100	100	
PC-1000-85	PC-1000-85	10/10/00	PC-1000-85	1	1	PC-1000-85	PC-1000-85	100	100	100	
PC-1000-86	PC-1000-86	10/10/00	PC-1000-86								

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMARY
PRECISION INVESTIGATION REPORT FOR PHASE 4 FLOODPLAIN PROPERTIES

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are provided in data see e-Table, part)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Cycledesulfides (root-need)											
080701	4C-SB-21.10-1	2/12/2005	Soil	Level 1	Yes						
080701	4C-SB-21.16-10	2/12/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-1	2/12/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-1	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-2	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-3	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-4	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-5	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-6	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-7	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-8	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-9	2/17/2005	Soil	Level 1	Yes						
080701	4C-SB-22.01-10	2/17/2005	Soil	Level 1	Yes						

