GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted Via Overnight Delivery

January 19, 2006

Ms. Sharon Hayes
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
East Street Area 2-South (GECD150)
Conceptual Removal Design/Removal Action Work Plan

Dear Ms. Hayes:

Enclosed for your review is GE's *Conceptual Removal Design/Removal Action Work Plan for East Street Area 2 – South* (Conceptual Work Plan).

As EPA is aware, one step of the non-PCB evaluation process involves comparison of average constituent concentrations to the Method 1 soil standards. For purposes of this comparison, the enclosed Conceptual Work Plan utilized, as indicated in Section 3.3 thereof, and consistent with the other Conceptual Removal Design/Removal Action Work Plans submitted by GE for other Removal Action Areas over the past several months, the draft Wave 2 Method 1 soil standards proposed by the MDEP in September 2004, as modified in May 2005. GE is aware that the MDEP recently approved certain revised numerical Method 1 standards and released an unofficial version of the *Final Amendments to the Massachusetts Contingency Plan, 310 CMR 40.0000*, which specified those revisions to the Method 1 Soil Standards. However, insufficient time was available to incorporate the revised Wave 2 Method 1 soil standards into the evaluations presented in the enclosed Conceptual Work Plan. As a result, GE proposes to submit within 30 days a Supplement to the Conceptual Work Plan providing revised evaluations which incorporate the recently updated Method 1 soil standards.

Please contact me with any questions or comments on the information presented herein.

Sincerely,

John F. Novotny, P.E.
Manager – Facilities & Brownfields Programs

Attachments
V:\GE_Pittsfield_CD_ESA_2_South\Reports and Presentations\Conc RDRA WP\00462196Ltr.doc

cc: Dean Tagliaferro, EPA
Tim Conway, EPA
John Kilborn, EPA
Rose Howell, EPA*
Holly Inglis, EPA
Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
Robert Bell, MDEP*
Thomas Angus, MDEP*
Kevin Rodrigues, MDEP*
K.C. Mitkevicius, USACE
Linda Palmieri, Weston (2 copies)
Nancy E. Harper, MA AG*
Dale Young, MA EOEA*
Mayor James Ruberto, City of Pittsfield
Michael Carroll, GE*
Andrew Silfer, GE
Rod McLaren, GE*
James Bieke, Goodwin Procter
Laurence Kirsch, Goodwin Procter
Jeffrey Porter, Mintz, Levin
James Nuss, BBL
Richard Nasman, Berkshire Gas Company
Dr. Ishwar Murarka, Ish, Inc.
Kevin Hylton, KHES, LLC
David Mauro, META
Martin Booher, LeBoeuf, Lamb
Public Information Repositories
Pittsfield Department of Health
GE Internal Repository

* *cover letter only*

REPORT

Conceptual Removal Design/ Removal Action Work Plan for East Street Area 2-South

Volume I of III

General Electric Company
Pittsfield, Massachusetts

January 2006

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

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government 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 soil, 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, as well as specific work plans and other documents that must be prepared to support the response actions for each RAA. For most of the Removal Actions, these work plans/documents include the following: Pre-Design Investigation Work Plan, Pre-Design Investigation Report, Conceptual Removal Design/Removal Action (RD/RA) Work Plan, and Final RD/RA Work Plan.

For the East Street Area 2-South RAA, GE has previously submitted the following documents:

- *Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (PDI Work Plan) (October 2001);

- *Addendum to Pre-Design Investigation Work Plan for the East Street Area 2-South Removal Action* (PDI Work Plan Addendum) (April 2002);

- *Pre-Design Investigation Report for the East Street Area 2-South Removal Action* (PDI Report) (January 2003);

- *Supplemental Pre-Design Investigation Report for the East Street Area 2-South Removal Action* (Supplemental PDI Report) (August 2003);

- *Addendum to Supplemental Pre-Design Investigation Report for the East Street Area 2-South Removal Action* (Supplemental PDI Report Addendum) (February 2004);

- *Interim Letter Report – East Street Area 2-South* (Interim Letter Report) (October 2004);

- *Addendum to Interim Letter Report – Proposed Additional RD/RA-Related Investigations* (Interim Letter Report Addendum) (August 2005); and

- *Second Interim Letter Report* (Second Interim Letter Report) (November 2005).

The above-referenced documents are further described in Section 2. In addition to these documents, GE has submitted several documents describing RD/RA activities previously performed within the City Recreational Area (CRA) (which is located in the northeast corner of East Street Area 2-South) and the associated access road, under the direction and approval of the EPA and in accordance with the requirements of the SOW and EPA. A description of those documents and the RD/RA activities summarized therein was included in the April 2003 *Removal Design/Removal Action Work Plan Addendum for the Future City Recreational Area.* As required under the SOW and described later in this document, the subsurface results of the pre-design investigations and removal actions (although the top three feet in these areas already have been addressed in the submissions concerning the CRA) were incorporated into the evaluations provided herein.

This *Conceptual Removal Design/Removal Action Work Plan for East Street Area 2-South* (Conceptual Work Plan) builds upon the results of prior activities conducted by GE over the last several years. Based on the results of the investigations described in the reports listed above, this Conceptual Work Plan summarizes the results of preliminary evaluations concerning the need for and scope of soil-related response actions to achieve the applicable Performance Standards for PCBs and other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

This Conceptual Work Plan presents: (1) the results of data validation activities performed on data presented in the Second Interim Letter Report; (2) evaluations of both the PCB and non-PCB Appendix IX+3 data under existing conditions to assess the need for soil-related remediation activities; (3) where necessary, a conceptual proposal for soil-related remediation activities; and (4) evaluations of PCBs and other Appendix IX+3

constituents in soil under post-remediation conditions (where relevant) to demonstrate that the proposed remediation activities will achieve the applicable Performance Standards under the CD and SOW.

It should be noted that this Conceptual Work Plan evaluates the need for and scope of removal actions to achieve the soil-related Performance Standards set forth in the CD and SOW. Groundwater at East Street Area 2-South is being addressed separately as part of GE's groundwater-related activities for the Plant Site 1 Groundwater Management Area (GMA 1), pursuant to the CD and SOW. At the present time, these activities consist of the performance of an interim groundwater monitoring program at GMA 1 and groundwater/NAPL recovery operations at East Street Area 2-South.

1.2 Description of the East Street Area 2-South RAA

East Street Area 2-South occupies an area measuring approximately 50 acres and is generally located in the southwestern portion of the GE facility (Figure 1-1). As shown on Figure 1-2, this RAA contains both commercial and recreational areas and is generally bounded by: East Street to the north; Newell Street to the east; the Housatonic River to the south; and a commercial property (Parcel I9-8-3), a residential property (Parcel I9-8-4), and the Lyman Street Area RAA to the west. The western portion of this RAA is mostly paved and includes the 60s Complex, which is comprised of: slabs for several buildings which were recently demolished (i.e., Buildings 61, 61-A, 61-J, 61-R, 61-S, 62, 62 shed, 66, 66-A, 66-B, and 67); certain buildings subject to future demolition activities (i.e., Buildings 63, 63-X, 64-B, 65, and 68) and Building 64 which will remain following the completion of RD/RA and building demolition activities. With the exception of several buildings associated with the on-site groundwater treatment facility (i.e., Buildings 64-G, 64-R, 64-S, 64-T, 64-V, 64-W, 64-X, 64-Z) and the CRA and the associated access roads, the eastern portion of the RAA is largely vegetated (i.e., grass-covered and wooded areas). The RAA contains a complex and varied set of surface and subsurface constituents due to the variety of manufacturing processes that have taken place there.

The East Street Area 2-South RAA consists of five separate averaging areas. These are:

- 60's Complex (Averaging Area 4A);
- Former Gas Plant/Scrap Yard Area (Averaging Area 4B);
- City Recreational Area (Averaging Area 4C);
- 200-Foot Wide Industrial Averaging Strip (Averaging Area 4D); and

- Riparian Removal Zone (RRZ) (Averaging Area 4E).

Separate from the CD, GE entered into a Definitive Economic Development Agreement (DEDA) with the City of Pittsfield and the Pittsfield Economic Development Authority (PEDA), effective upon entry of the CD. As part of the DEDA, GE agreed to construct (and lease to the City) a youth athletic field (i.e., the CRA) in the northeast corner of the East Street Area 2-South RAA. The location of the approximately 4-acre CRA is depicted on Figure 1-2. The Performance Standards established in the CD and SOW for the CRA required the installation of a minimum 1-foot thick soil cover over the surface of the CRA, the achievement of a 15 ppm average concentration for PCBs in the next two feet of soil, and an evaluation of non-PCB constituents in that 2-foot depth increment consistent with the procedures specified in the SOW. As previously discussed, the results of RD/RA evaluations conducted for Averaging Area 4C were previously submitted to EPA in several documents associated with the CRA. As indicated in certain of those documents, the subsurface soils associated with the CRA and any response actions performed within this area are incorporated into the evaluations of the need for and scope of removal actions necessary to achieve the Performance Standards for Averaging Area 4B. The subsurface soils associated with the CRA access road are incorporated into the overall East Street Area 2-South averaging areas in which those soils are located (either Averaging Area 4B or Averaging Area 4D). Therefore, in preparing this Conceptual Work Plan for East Street Area 2-South, GE performed RD/RA evaluations for averaging areas 4A, 4B (including the subsurface of Averaging Area 4C and a portion of the subsurface of the access road area), 4D (including the remainder of the subsurface of the access road area), and 4E. Each of these averaging areas is further described below.

60s Complex (Averaging Area 4A):

The 60s Complex is a largely paved area measuring approximately 6.9 acres, which is located in the northwestern portion of East Street Area 2-South (Figure 1-2). This industrial averaging area primarily consists of the portion of the 60s Building Complex located north of Averaging Area 4E.

Former Gas Plant/Scrap Yard Area and Subsurface of CRA and Portion of the CRA Access Road Area (Averaging Area 4B):

The Former Gas Plant/Scrap Yard is a largely unpaved area measuring approximately 20.8 acres from the 0- to 1-foot depth increment. As mentioned above, this averaging area includes the soil deeper than 1 foot in the CRA and the soil deeper than 1 foot in the portion of the CRA access road located within Averaging Area 4B. Therefore, in the subsurface, this averaging area occupies approximately 24.4 acres. Although prior

submissions on East Street Area 2-South and the CRA have stated that Averaging Area 4B would include soils deeper than three feet from the CRA and the portion of the access road within the limits of the averaging area, evaluation of the 1- to 6-foot depth increment (as required under the relevant Performance Standards for this commercial averaging area) requires inclusion of the soil in the 1- to 3-foot depth. Therefore, GE has included in its evaluations of this averaging area all soils below one foot in the CRA and the portion of the access road within the area of this averaging area. The surface of this industrial averaging area primarily consists of the central and eastern portions of East Street Area 2-South RAA located north of Averaging Areas 4D and a portion of Area 4E and is comprised of the former Scrap Yard Area, a former oxbow area, and the area associated with Berkshire Gas's former manufactured gas plant and associated facilities.

200-Foot-Wide Industrial Averaging Strip and Subsurface of a Portion of the CRA Access Road (Averaging Area 4D):

The 200-Foot-Wide Industrial Averaging Strip is a largely unpaved area measuring approximately 5.1 acres from the 0- to 1-foot depth increment. As the subsurface area of this Averaging Area includes the remainder of the subsurface of the CRA access road (the portion not included in Averaging Area 4B), the subsurface occupies approximately 5.3 acres. The surface of this industrial averaging area consists of a strip of land approximately 200 feet wide by approximately 1,100 feet long located along the southern edge of the eastern-half of East Street Area 2-South, adjacent to the East Branch of the Housatonic River.

Riparian Removal Zone (Averaging Area 4E):

The RRZ is a largely paved strip of land measuring approximately 200 feet wide by approximately 1,400 feet long (approximately 6.4 acres), which is located along the southern edge of the western-half of East Street Area 2-South, adjacent to the East Branch of the Housatonic River. As further discussed in Section 3 below, the SOW requires the removal of existing buildings/structures, concrete/asphalt/gravel surfaces, and underlying soils (as needed) to a total depth of 1-foot, followed by the planting of vegetation and placement of certain habitat enhancement items as part of Natural Resource Restoration/Enhancement (NRR/E) activities, which may be performed as part of the installation of a vegetative engineered barrier in this area. Through the approved Interim Letter Report, the northern boundary of this averaging area was slightly expanded to the north to include an area measuring approximately 20,000 square feet that will be subject to the NRR/E activities specified in Attachment I to the SOW, in lieu of similar activities at an approximate 20,000 square foot section of Parcel I9-8-1 (the GE Lyman Street Parking Lot) located within the Lyman Street RAA.

1.3 Scope and Format of Work Plan

The remainder of this Conceptual Work Plan is presented in five sections. The title and a brief overview of each section are presented below:

Section 2 – Summary of Pre-Design Activities and Available Soil Data, provides a brief summary of the pre-design investigations and other activities conducted by GE within East Street Area 2-South, and presents the complete set of data used to evaluate the need for remediation to address PCBs and other Appendix IX+3 constituents in soil at the various averaging areas.

Section 3 – Summary of PCB and Appendix IX+3 Evaluation Procedures, provides an overview of the applicable PCB and Appendix IX+3 Performance Standards for the commercial and recreational averaging areas located within East Street Area 2-South. This section also describes the applicable procedures used to evaluate PCBs and other Appendix IX+3 constituents, in existing soil and, where necessary, under post-remediation conditions. Finally, this section provides a brief overview of the applicable Performance Standards for NRR/E activities at this RAA.

Section 4 – PCB and Non-PCB Soil Evaluations, presents the results of the PCB and Appendix IX+3 evaluations for each averaging area at East Street Area 2-South. This section first evaluates the soil data for both PCBs and other Appendix IX+3 constituents under existing conditions at each area to determine the need for remediation to achieve the applicable Performance Standards. This evaluation includes an assessment of the PCB data in utility corridors. Where removal actions are necessary, the proposed remediation to achieve the Performance Standards (i.e., soil removal/replacement, performance of pavement enhancement, and/or installation of engineered barriers, as necessary) is then described and depicted on an included figure. Finally, this section presents revised evaluations of post-remediation conditions for averaging areas where remediation is necessary to address PCBs and/or other constituents in soil to demonstrate that the proposed removal actions will result in achievement of the applicable Performance Standards.

Section 5 – Preliminary Design Information and Future Design-Related Activities, discusses preliminary design and related information associated with the removal actions proposed for East Street Area 2-South, as well as future design-related activities. It also includes a conceptual discussion of the NRR/E activities to be implemented within portions of this RAA.

Section 6 – Schedule, presents a proposed schedule for future activities, including submission of the Final RD/RA Work Plan for East Street Area 2-South.

The discussions in the sections listed above are supported by tables, figures, and other evaluations presented in several appendices, as described in subsequent sections of this Conceptual Work Plan.

2. Summary of Pre-Design Activities and Available Soil Data

2.1 General

Prior to the submittal of a Conceptual RD/RA Work Plan for a given RAA, the CD and SOW require the characterization of soils within the RAA and the collection of other relevant site information. These activities, collectively referred to as pre-design activities, serve as the basis for the subsequent technical RD/RA submittals. This section provides a summary of the pre-design activities that have been performed by GE at East Street Area 2-South. These activities have primarily involved the performance of soil sampling and analyses in accordance with the investigation requirements contained in the CD and SOW; such activities have been previously summarized in documents provided to EPA. In addition, GE has also conducted other pre-design activities to supplement the soil characterization program and to support the evaluations presented herein. These additional activities include the performance of a detailed site survey, including paved and unpaved areas, surface elevations and topography, property boundaries and easements, certain utilities (e.g., manholes, catch basins), soil sample locations, and other site features.

A summary of pre-design soil investigation activities is provided below.

2.2 Summary of Pre-Design Soil Investigations

Pre-design soil investigations were performed within East Street Area 2-South between January 17, 2001 and September 28, 2005. These investigations were conducted in accordance with the EPA-approved PDI Work Plan, PDI Work Plan Addendum, PDI Report, Supplemental PDI Report, Supplemental PDI Report Addendum, Interim Letter Report, and Interim Letter Report Addendum. The initial and supplemental pre-design investigations involved the collection and analysis of a total of approximately 1,550 soil samples for PCBs and approximately 480 soil samples for some or all of the Appendix IX+3 constituents. These sample totals include usable historical samples and samples collected by GE, EPA, and Berkshire Gas during pre-design investigations.

2.2.1 Initial Pre-Design Soil Investigations

GE's PDI Work Plan and PDI Work Plan Addendum proposed the scope of initial pre-design investigations for East Street Area 2-South. These submittals were conditionally approved by EPA in letters dated March 5, 2002 and May 2, 2002, respectively. GE performed the pre-design field investigations between April 22 and October 18, 2002, and presented the results of these investigations in the PDI Report. The PDI Report also included soil sampling results from certain historical soil investigations conducted at East Street Area 2-South prior to and not associated with the pre-design investigation activities. Specifically, the PDI Report included the historical sampling results that were considered usable or potentially usable to support RD/RA evaluations for this RAA.

In addition to GE's investigations, EPA collected and analyzed soil samples from a number of locations in East Street Area 2-South during GE's pre-design investigations, as well as on prior occasions. The validated results of these EPA analyses were provided to GE as part of a data exchange agreement between GE and EPA, and these results, with the exception of sample results rejected in EPA's data validation process, were considered in the RD/RA evaluations for this RAA.

2.2.2 Supplemental Soil Investigations

Following performance of the initial PDI investigations, GE determined that supplemental sampling was necessary to satisfy certain sampling criteria. The scope of supplemental investigations was proposed in the PDI Report and was conditionally approved by EPA in a letter to GE dated April 23, 2003. The approved supplemental activities were completed by GE between May 14 and 21, 2003. The results of the supplemental investigations were presented to EPA in the Supplemental PDI Report. The Supplemental PDI Report also proposed the performance of additional investigations to further define the limits of PCBs within and adjacent to East Street Area 2-South. EPA conditionally approved the Supplemental PDI Report in a letter to GE dated September 9, 2003. The results of the additional investigations were provided to EPA in the Supplemental PDI Report Addendum. The Supplemental PDI Report Addendum indicated that GE believed that the pre-design activities related to East Street Area 2-South had been completed and that GE would initiate the detailed RD/RA evaluations and begin development of the Conceptual Work Plan. That document also indicated that an Interim Letter Report discussing additional data needs identified during the performance of initial RD/RA evaluations (if any) would be submitted to EPA prior to the submittal of a Conceptual Work Plan and in the event that no additional data needs were identified, the Interim Letter Report would propose a schedule for the submittal of the Conceptual Work Plan.

GE submitted the Interim Letter Report to EPA on October 22, 2004 indicating that several data needs were identified during the performance of initial RD/RA evaluations. Those data needs related to: (1) the collection of additional PCB and non-PCB soil data from the RRZ to address the expansion of this area and potential changes to the extent of vegetative engineered barrier in this area; (2) additional PCB sampling to characterize certain utility corridors; and (3) additional soil sampling to delineate elevated levels of certain non-PCB constituents. EPA conditionally approved the Interim Letter Report in a letter to GE dated August 2, 2005, which required the submittal of an Addendum to the Interim Letter Report addressing EPA's comments.

Accordingly, GE submitted the Interim Letter Report Addendum to EPA on August 15, 2005 and subsequently conducted the investigations proposed in the Interim Letter Report Addendum between September 13 and 28, 2005. The results of the September 2005 investigations were presented to EPA in the Second Interim Letter Report. As indicated therein, GE was awaiting receipt of the laboratory data packages associated with the September 2005 investigations at the time of submittal. Since that time GE has received the data packages and completed data validation activities for the September 2005 investigations. The data were reviewed in accordance with the data validation protocols included in GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). The data validation report associated with the September 2005 investigations is provided in Appendix A of this Conceptual Work Plan. As discussed therein, 99.6% of these data are usable for RD/RA evaluations, which is greater than the minimum required usability of 90% specified in the FSP/QAPP.

2.3 Soil Sample Results for Conceptual Work Plan

The locations of all soil samples used in this Conceptual Work Plan, including the historical, pre-design, and supplemental soil samples, are shown on Figure 2-1. The analytical results for all samples used in the PCB evaluations presented herein are included in Appendix B, while the analytical results for all samples used in the non-PCB evaluations presented herein are included in Appendix E.

3. Summary of PCB and Appendix IX+3 Evaluation Procedures

3.1 General

This section of the Conceptual Work Plan summarizes the procedures used by GE to determine the need for and scope of removal actions to achieve the PCB and Appendix IX+3 Performance Standards specified in the SOW for the averaging areas located within East Street Area 2-South. This section also provides an overview of the PCB evaluation procedures (Section 3.2), followed by an overview of the evaluation procedures for other Appendix IX+3 constituents (Section 3.3). In addition, it includes a summary of the Performance Standards under the CD and SOW related to NRR/E activities within East Street Area 2-South (Section 3.4).

3.2 Summary of PCB Evaluation Procedures

This section provides a description of the PCB evaluation procedures for East Street Area 2-South, which includes: (1) a description of the applicable PCB-related Performance Standards for this RAA; (2) a confirmation that GE will execute Grants of Environmental Restrictions and Easements (EREs) for the averaging areas located within East Street Area 2-South, which are owned by GE; (3) a summary of the PCB evaluation procedures for each averaging area; and (4) a summary of the utility corridor PCB evaluation procedures. The PCB spatial averaging evaluations are presented in Sections 4.2 through 4.5 of this document, with supporting documentation (i.e., polygon maps and averaging tables) provided in Appendix C.

3.2.1 PCB-Related Performance Standards

For the GE Plant areas at the CD Site, which includes East Street Area 2-South, the Performance Standards related to PCBs in soil are set forth in Paragraph 25 of the CD and Section 2.2.2 of the SOW. The pertinent Performance Standards related to the presence of PCBs in soil at East Street Area 2-South may be summarized as follows:

- GE shall conduct the following actions for the top one foot of soil in each GE-owned commercial averaging area (Averaging Areas 4A, 4B, and 4D):

- For any unpaved portion of such an averaging area that is located within the 100-year floodplain of the Housatonic River (as generally depicted on Figure 2-1 of the SOW) and where the spatial average PCB concentration in the top foot exceeds 25 ppm, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot.

- For any unpaved portion of such an averaging area that is located outside the 100-year floodplain and where the spatial average PCB concentration in the top foot exceeds 25 ppm, GE shall either remove and replace soils or install a soil cover in accordance with the specifications for soil covers described in Attachment G of the SOW (Technical Requirements for Capping, Engineered Barriers, and Other Surface Covers) as necessary to achieve a spatial average PCB concentration of 25 ppm or below in the top foot.

- For any averaging area (whether located within or outside the 100-year floodplain) where the spatial average PCB concentration in the top foot exceeds 25 ppm in the entire area (paved and unpaved portions combined, and including the building slabs remaining after demolition of buildings), GE shall recalculate the spatial average PCB concentration in that entire averaging area after incorporating the anticipated performance of the response actions described above, as applicable. If that recalculated spatial average PCB concentration still exceeds 25 ppm, GE shall maintain and enhance the existing pavement/concrete surfaces in those paved areas determined to cause the exceedance of the 25 ppm spatial average concentration for the top foot in the entire area. Such enhancements will be in accordance with the specifications described for pavement enhancement in Attachment G of the SOW. Where such pavement enhancement is undertaken within the 100-year floodplain of the Housatonic River, GE shall provide flood storage compensation within the same general area, but not necessarily in the specific location of the pavement enhancement.

- Further, at each commercial averaging area that exceeds 0.5 acre in size, GE must ensure the removal of all soils in the top foot in unpaved portions that contain PCB concentrations greater than 125 ppm -- the "not-to-exceed" (NTE) level -- if GE elects to consider the entire area as an averaging area. Alternatively, GE may establish averaging areas that do not exceed 0.5 acre in size or may propose other specific averaging areas to EPA for approval, in which case, the above NTE PCB level will not apply.

- For GE-owned commercial averaging areas where the spatial average PCB concentration in the 1- to 6-foot depth increment exceeds 200 ppm (considering the paved and unpaved portions together), GE shall perform the following response actions. In any such area located within the 100-year floodplain of the Housatonic River, GE shall remove and replace soils as necessary to achieve a spatial average PCB concentration of 200 ppm or below in the 1- to 6-foot depth increment. In any such area located outside the 100-year floodplain GE shall undertake a combination of removal and replacement of soils in unpaved areas and/or enhancement of existing pavement/concrete surfaces in paved areas (in accordance with the specifications for pavement enhancement in Attachment G of the SOW) as necessary to ensure that the PCB concentrations causing the spatial average to exceed 200 ppm are removed or covered by enhanced pavement.

- After incorporating the anticipated performance of response actions in accordance with the foregoing Performance Standards, GE shall calculate the spatial average PCB concentration for the 0- to 15-foot depth increment. For any such averaging area where the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment (after incorporating the anticipated performance of response actions, if any, for other depth increments), GE shall install an engineered barrier either over the soil (in currently unpaved areas) or over the pavement (in currently paved areas) in accordance with the specifications for engineered barriers in Attachment G of the SOW. In such areas within the 100-year floodplain, GE shall provide flood storage compensation with the same general area.

- In addition, at all areas where subgrade utilities potentially subject to emergency repair requirements are present, if the spatial average PCB concentration in the utility corridor exceeds 200 ppm, GE must evaluate whether any additional response actions are necessary. Further, if subgrade utilities are installed, repaired, or replaced, GE must ensure that the spatial average PCB concentration in the backfill material is less than 10 ppm in the top 3 feet and 25 ppm at greater depths.

- For the RRZ (Averaging Area 4E), GE shall remove all concrete/asphalt/gravel surfaces, buildings/structures (except for the 64W oil/water separator), and underlying soil to a total depth of one foot. GE shall then replace that pavement/soil with a 1-foot thick vegetative engineered barrier, as described in Attachment G of the SOW, except that such a barrier is not needed in discrete portions of this area where the spatial average PCB concentrations do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet (including where GE elects to remove soil to reduce spatial average PCB concentrations to achieve these levels), provided that the effectiveness of the barrier is not impaired by discontinuities in the barrier. Although not expressly stated in the SOW, in portions of this

averaging area where an engineered barrier is not required, GE will replace the one foot of removed paved surfaces and soil with one foot of clean fill. GE shall also restore this area with a native grassland community, as necessary to meet the applicable NRR/E Performance Standards (described in Section 3.4). In addition, GE must obtain adequate flood storage compensation (as described in the CD) for the installed barrier.

3.2.2 Status of EREs

All averaging areas within East Street Area 2-South are GE-owned. GE has agreed in the CD to execute EREs on its properties within the Site. Therefore, GE will execute and record EREs for the averaging areas within this RAA after completion of the removal activities.

3.2.3 Area-Specific PCB Evaluation Procedures

The procedures used to evaluate PCB concentrations in the soil in this Conceptual Work Plan were those established in Attachment E to the SOW (Protocols for PCB Spatial Averaging). The PCB evaluations presented in this Conceptual Work Plan incorporate the usable PCB data from historical samples and the pre-design soil PCB data, including the data from supplemental soil samples. The locations of the samples used in these evaluations are shown on Figure 2-1.

The initial task in the PCB evaluation process for the East Street Area 2-South averaging areas was to assess the PCB concentrations in soil under existing conditions. This task involved two general steps. First, for averaging areas to which the NTE levels specified above apply (i.e., commercial areas that exceed 0.5 acre in size), the discrete PCB concentrations in the top 1-foot of soil in unpaved portions were compared to the applicable NTE level of 125 ppm. A comparison to the NTE criterion is not necessary for Averaging Area 4E since the SOW requires the removal of all pavement/soil to a total depth of one foot in this area, and the removal will be followed by replacement of clean materials within the top foot of this area consisting of a vegetative engineered barrier, where required, and clean fill in other portions of the area, and a native grassland community throughout the averaging area. Therefore, the entire top foot post-removal in Averaging Area 4E will consist of clean fill or engineered barrier. Second, spatial average PCB concentrations were calculated for each relevant depth increment at each averaging area using the polygon-based spatial averaging techniques described in Attachment E to the SOW. These techniques involve the following activities:

- For each area and depth subject to PCB spatial average calculations, a detailed site plan was first developed to illustrate the following: property/area boundaries; surface topography; soil sampling locations within and adjacent to the area; presence of roadways, utilities, easements, etc.; presence of pavement and other permanent structures; and other significant site features.

- Next, Theissen polygon maps were developed for each averaging area and depth interval. Theissen polygon mapping involves the use of computer software to draw perpendicular bisector lines between adjacent sample locations to create two-dimensional, sample-specific polygon areas. Certain boundary conditions impact the generation of Theissen polygons, such as the boundaries of the area subject to averaging, presence of paved and unpaved areas, easement boundaries, certain building footprints, property lines, etc. As appropriate, the computer-generated Theissen polygons were modified to reflect actual site conditions, presence/absence of soil at a given depth, locations of averaging area boundaries, or other specific or unique site considerations. These polygons did not include the areas under existing buildings that are to remain standing, but did include areas under the buildings that have been or are scheduled for demolition (Buildings 61, 61A, 61J, 61R, 61S, 62, 62 Shed, 63, 63X, 65, 66, 66A, 66B, 67, and 68). Once the Theissen polygon mapping was complete, all of the soil areas and depths potentially subject to response actions were adequately characterized for use in subsequent evaluations. After generation of the Theissen polygons, polygon identification numbers were assigned to each polygon and the surface area of each polygon was calculated.

- Computer spreadsheets were then prepared to combine information obtained from the Theissen polygon mapping (i.e., polygon ID and area for each polygon) with the analytical results of soil sampling to provide a three-dimensional characterization of the soils associated with each polygon. The volume of soil associated with each polygon was based on the surface area of the polygon multiplied by the corresponding depth of soil for which samples were collected. Using the information described above, a spatial average PCB concentration was derived by multiplying the volume of each polygon by its assigned PCB concentration, summing the results of this calculation for each polygon involved in the evaluation, and then dividing that sum by the cumulative soil volume associated with all of the polygons. This procedure yields a spatial average PCB concentration that incorporates both volume- and area-weighted considerations.

The resulting spatial average PCB concentrations were then compared to the applicable PCB Performance Standards specified in Section 3.2.1 to determine whether soil remediation is necessary to address PCBs and, if so, the type of remediation required under the CD and SOW.

For areas where there were exceedances of the applicable NTE levels in the top foot of unpaved soil or where the spatial average PCB concentrations exceeded the applicable Performance Standards, as well as for the entire RRZ (Averaging Area 4E), a remediation proposal was developed. For this RAA, all proposed remediation activities consist of soil removal/replacement, pavement enhancement, and/or the installation of an engineered barrier, in accordance with the requirements of the CD and SOW, depending on which Performance Standard was exceeded. For such areas, an evaluation was conducted to confirm that the proposed remediation would achieve the applicable PCB Performance Standards. This evaluation assessed the PCB concentrations at each averaging area in its post-remediation condition against such standards. The procedures for such post-remediation evaluations are also established in Attachment E to the SOW. In accordance with that attachment, the procedures used to take account of soil removal/replacement, pavement enhancement, and/or installation of an engineered barrier included the following:

- For removal actions involving soil excavation and subsequent backfilling, the spatial averaging procedures mentioned above were used to assess the effectiveness of the remediation by: (1) assuming the removal of soils within the subject polygon to the required depth; (2) assuming that the excavated soils are replaced with backfill material containing PCBs at an assumed concentration of 0.021 ppm, the average concentration of PCBs in sampled backfill sources, as indicated in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003); and (3) recalculating the post-remediation spatial average PCB concentration(s). In Averaging Area 4E (the RRZ), as noted above, the SOW requires removal of pavement/soil to a total depth of one foot. As discussed further in Section 4.5, however, the depths of sampling begin from underneath the pavement and associated sub-base material. Therefore, in the paved areas of the RRZ, the required removal of the top foot of pavement and soil combined also removes the top portion of the 0- to 1-foot depth increment of soil, and a portion of that soil increment is left behind. The removed soil and pavement will then be replaced with one foot of vegetative engineered barrier, where required, and one foot of clean backfill elsewhere, with a native grassland community. Consequently, the post-removal 0- to 1-foot increment in this averaging area will consist entirely of clean fill. In evaluating the post-removal conditions for the 1- to 3-foot depth increment in the portion of the RRZ not covered by a barrier, given that some soil from the original 0- to 1-foot increment will be left behind in paved areas, GE has included in such areas the samples collected from the original 0.5- to 1-foot depth (or the 0- to 1-foot depth, where the 0.5- to 1-foot depth is not available, in either case to represent the top of the post-removal 1- to 3-foot increment) in addition to the samples from the original 1- to 2-foot and 2- to 3-foot depths (or the 2- to 2 ½ foot depth, where available, in either case to represent the bottom of that increment).

- For removal actions involving pavement enhancement, the effectiveness of the enhancement was assessed by recalculating the spatial average PCB concentration for the relevant depth increment(s) at the subject area, taking into account pavement enhancement. Specifically, Theissen Polygons within the area designated for pavement enhancement were excluded from subsequent spatial average calculations and the spatial average concentrations were then recalculated for the remaining portion(s) of each averaging area. This was conducted only for polygons that would be fully covered by the proposed pavement enhancements; for polygons that would be only partially covered by the proposed enhancement, the assumed exclusions were not included in the recalculations of the spatial average concentrations.

- For removal actions in the RRZ (Averaging Area 4E) involving the installation of an engineered barrier, the Performance Standard for that area requires, in addition to the soil removal described above, installation of an engineered throughout the area except in areas where the spatial average PCB concentrations do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet, provided that the effectiveness of the barrier is not impaired by discontinuities in the barrier. Therefore, in this area, the PCB concentrations were calculated for the area not covered by the proposed engineered barrier, as follows: First, no calculation is required for the 0- to 1-foot depth increment under post-remediation conditions, as that increment will consist entirely of clean fill, as described above. For the clean backfill, it is assumed that such fill will contain PCBs at an assumed concentration of 0.021 ppm, the average concentration of PCBs as indicated in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003). Second, for the deeper increments, those Theissen polygons entirely within the engineered barrier were excluded. Third, for polygons that would be only partially covered by the proposed barrier, the polygons were included with the existing PCB values. For purposes of calculating post-removal concentrations of PCBs in the 0- to 15-foot depth increment, the concentration of PCBs used for the 0- to 1-foot increment is the assumed concentration of 0.021 ppm in clean fill discussed above.

- Finally, the post-remediation spatial average PCB concentrations were compared to the applicable Performance Standards to ensure that the proposed remediation will achieve those Performance Standards.

3.2.4 Utility Corridor Evaluations

During the pre-design and supplemental investigations, GE collected PCB samples within an approximately 50-foot wide band centered on each of the utilities (i.e., located within approximately 25 feet from the centerline of the utility) at linear intervals of approximately 100 to 150 feet along the utility. Utilizing these PCB analytical

results, evaluations were conducted for subsurface utilities potentially subject to emergency repairs. These corridors were evaluated using the same PCB evaluation procedures described in Section 3.2.3, with the following modifications.

- For each of the utility lines, GE reviewed the existing PCB analytical results within the approximately 50-foot band and identified discreet PCB concentrations exceeding the PCB comparison criteria of 200 ppm. Utility corridors that did not contain PCB analytical results above 200 ppm within the 1- to 6-foot depth increment were not subject to further evaluation, since the average PCB concentration in such corridors would necessarily be less than 200 ppm.

- GE next reviewed the remaining utility lines and eliminated those lines that are anticipated to be subject to abandonment during the course of upcoming building demolition activities.

- For the remaining utility lines, GE reviewed the average PCB concentrations for the 1- to 6-foot depth increment for each boring within the approximately 50-foot band and identified individual soil borings with PCB averages exceeding the PCB comparison criteria of 200 ppm. Utility corridors that did not contain soil borings with average PCB concentrations greater than 200 ppm were not subject to further evaluation.

No polygons were developed for the situations described above. The remaining utility corridors were subject to additional evaluation, involving the calculation of average PCB concentrations for the 1- to 6-foot depth increment for each such corridor followed by comparison to the 200 ppm criterion specified in Section 3.2.1. The utility corridor evaluations are presented in Section 4.6 of this document, with supporting documentation (i.e., polygon maps and averaging tables) provided in Appendix D.

3.3 Summary of Appendix IX+3 Constituent Evaluation Procedures

This section describes the procedures used to evaluate non-PCB Appendix IX+3 constituents in soil. As with PCBs, the other Appendix IX+3 constituents have been evaluated for each averaging area first in its existing condition; and then, for each such area where the applicable Performance Standards are not met, remediation is proposed and post-remediation conditions are evaluated to ensure achievement of the Performance Standards. This section includes an overview of the applicable Performance Standards, an overview of the evaluation process used to assess achievement of those standards, and a detailed description of the specific evaluation procedures. Those procedures include application of screening criteria; the procedures used to assess

dioxins/furans; comparisons to Method 1 (Wave 2) soil standards proposed by MDEP in September 2004, as those standards were modified in May 2005 (as opposed to the current MCP standards), since it is anticipated that those new standards will be finalized before completion of the Removal Action for this RAA; procedures used for area-specific risk evaluations (where necessary); and procedures used to take account of the proposed remediation (where necessary). The evaluation results are summarized on an area-by-area basis in Section 4, with supporting documentation provided in Appendix E (evaluation tables) and Appendix F (risk evaluations). Due to the large number of samples at Averaging Area 4B, the non-PCB evaluation tables in Appendix E for that averaging area have been divided into separate tables for: volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); and dioxins/furans and inorganic compounds, for each depth increment.

3.3.1 Applicable Performance Standards

The applicable Performance Standards for non-PCB constituents in soil at East Street Area 2-South are included in Section 2.2.2 of the SOW. These standards include the following:

- For dioxins/furans, total Toxicity Equivalency Quotient (TEQ) concentrations must be calculated using the Toxicity Equivalency Factors (TEFs) developed by the World Health Organization (WHO) (van den Berg J. et al., Environ. Health Perspectives, Vol. 106, No. 12, Dec. 1998). Either the maximum TEQ concentration or the 95% percent upper confidence limit on the mean (95% UCL) of the TEQ data must be below certain PRGs developed or approved by EPA for dioxin/furan TEQs. These PRGs are: for commercial areas, 5 parts per billion (ppb) in the top foot of soil and 20 ppb in subsurface soil; and for recreational areas, 1 ppb in the top foot and 1.5 ppb in the 1- to 3-foot depth interval. In addition, EPA has previously requested in a May 24, 2002 comment letter on the Conceptual Work Plan for the Newell Street Area I RAA, that GE also compare the maximum or 95% UCL TEQ concentrations to the following TEQ criteria, although these criteria are not Performance Standards specified in the CD or SOW: 5 ppb for the 0- to 3-foot depth increment at commercial areas that will not have EREs (although all of the commercial averaging areas in East Street Area 2-South will have EREs); 1 ppb for the 0- to 3-foot depth increment at recreational areas that will not have EREs (although, again, the recreational areas in East Street Area 2-South will have EREs); and 20 ppb for soils below 3 feet at all recreational areas.

- For other non-PCB constituents, any combination of the following must be achieved: (1) maximum concentrations of individual constituents that do not exceed the Screening PRGs established or approved by EPA (as discussed below); or (2) for the remaining constituents, average concentrations that either: (a) do not exceed the MCP Method 1 soil standards (or Method 2 standards, if developed); or (b) are shown through an area-specific risk evaluation to have cumulative risk levels that do not exceed (after rounding) an Excess Lifetime Cancer Risk (ELCR) of 1×10^{-5} and a non-cancer Hazard Index (HI) of 1.0.

3.3.2 Overview of Evaluation Process

The initial task performed in the evaluation of the non-PCB constituents in soil at East Street Area 2-South was to assess such constituents in soil at each averaging area under existing conditions, based on all available Appendix IX+3 data collected from that area, without considering PCB-related remediation. This assessment consisted of several steps:

- First, a screening step was conducted, which generally involved comparison of the maximum concentrations of all detected constituents (other than dioxin/furan TEQs) to the applicable PRGs developed by EPA Region 9 (as set forth in Exhibit F-1 to Attachment F of the SOW) or certain surrogate PRGs previously approved by EPA or proposed herein. This screening step is discussed further in Section 3.3.3.

- Second, for dioxin/furan TEQs, the maximum concentration or 95% UCL (whichever is lower) at each area and relevant depth increment was compared to the applicable dioxin/furan PRG described above (as well as those additional criteria requested by EPA). This step is discussed further in Section 3.3.4.

- Third, for those constituents (other than dioxin/furan TEQs) that were not screened out in Step 1, the existing average concentrations of each such constituent were calculated for the same depth increments used for the required PCB evaluations, as specified in Section 3.2.1. These average concentrations were then compared to the MCP Method 1 soil standards for such constituents. As noted above, for purposes of this comparison, consistent with recent RD/RA Work Plans submitted for other CD-governed sites, GE used the Method 1 (Wave 2) soil standards proposed by MDEP in September 2004, as modified in May 2005. This step is discussed further in Section 3.3.5.

- Fourth, for averaging areas where there were exceedances of the Method 1 (Wave 2) soil standards in any depth increment but such exceedances were not significantly above the Method 1 (Wave 2) soil standards, an area-specific risk evaluation was conducted for the same constituents evaluated in Step 3 and in accordance with the procedures specified for such evaluations in the SOW. This step is discussed further in Section 3.3.6.

At averaging areas where these evaluations indicated the need for additional remediation to address non-PCB constituents in soil, a remediation proposal was developed. Such areas generally consist of those areas with exceedances of the dioxin/furan TEQ PRGs or with significant exceedances of the Method 1 (Wave 2) soil standards such that an area-specific risk evaluation of existing conditions was not deemed warranted. The additional remediation at these areas involved soil removal/replacement and/or installation of an engineered barrier. For such areas, an evaluation was then conducted of post-remediation conditions. This evaluation consisted of repeating Steps 2 through 4 of the above-described process, as necessary, to demonstrate that the proposed remediation will achieve the applicable Performance Standards for non-PCB constituents. The specific procedures used to take account of the proposed soil removal/replacement and engineered barrier installation in these post-remediation evaluations are discussed further in Section 3.3.7 below.

3.3.3 Screening Evaluation Procedures

As noted above, the first step in the evaluation of non-PCB Appendix IX+3 constituents in soil under existing conditions at the averaging areas comprising East Street Area 2-South was the performance of a screening evaluation. In this step, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to the EPA Region 9 PRGs set forth in Exhibit F-1 to Attachment F of the SOW, using the industrial PRGs for commercial areas and the residential PRGs for recreational areas. However, for certain constituents, EPA Region 9 PRGs are not available. For some of these constituents, the SOW identifies surrogate PRGs that may be used for screening purposes. Specifically, in accordance with the SOW, for polycyclic aromatic hydrocarbons (PAHs) for which EPA Region 9 PRGs do not exist, the EPA Region 9 PRG for benzo(a)pyrene was used for carcinogenic PAHs (i.e., 7,12-dimethylbenz(a)anthracene) and the EPA Region 9 PRG for naphthalene was used for non-carcinogenic PAHs (i.e., 2-methylnaphthalene, acenaptht hylene, benzo(g,h,i)perylene, methapyrilene, and phenanthrene). In addition, for certain other constituents that do not have EPA Region 9 PRGs, this screening step used the PRGs for the following surrogate compounds, which have previously been approved by EPA for use at other RAAs or were proposed by GE in the Interim Letter Report, as approved by EPA:

Constituent	Surrogate
2-Chloroethyl vinyl ether	Bis(2-chloroethyl)ether
2-Picoline	Pyridine
2,6-Dichlorophenol	2,4-Dichlorophenol
4-Aminobiphenyl	Diphenylamine
4-Chlorobenzilate	Chlorobenzilate
4,6-Dinitro-2-methylphenol	2,6-Dinitrotoluene
Cyanide	Hydrogen cyanide
Phenacetin	2,4-Dichlorophenoxyacetic acid
Propionitrile	Acetonitrile
Sulfide	Carbon disulfide
Xylenes (total)	m-Xylene

The Region 9 PRGs and surrogate PRGs used in this step are jointly referred to herein as the "Screening PRGs." It should be noted that the Interim Letter Report also identified the potential need for additional surrogates for certain constituents based on an initial review of the historic and pre-design non-PCB data set for East Street Area 2-South. That review identified certain constituents detected in historic soil samples, for which the use of surrogate PRGs might be appropriate during preparation of the RD/RA evaluations for East Street Area 2-South. Specifically, the Interim Letter Report proposed the use of surrogates for the following seven constituents: 1,2,3,4-tetrachlorobenzene; 1,2,3,5-tetrachlorobenzene; 1,2,3-trichlorobenzene; 1,3,5-trichlorobenzene; 1-chloronaphthalene; 1-methylnaphthalene; and cyclophosphamide. However, during preparation of the non-PCB RD/RA evaluations presented herein, it was determined that these constituents were not part of the Appendix IX+3 list of constituents included in GE's approved FSP/QAPP. Therefore, these constituents were not retained for the PRG screening step.

Finally, the Interim Letter Report indicated that benzidene was screened out based of the evaluations for Averaging Areas 4B and 4E based on very low frequency of detection. Specifically, benzidine was detected in only one of 120 samples and one of 92 samples at concentrations of 2.3 ppm and 6.1 ppm for Averaging Areas 4B and 4E, respectively. For three other constituents, 2-acetylaminofluorene, 3-methylcholanthrene, and p-dimethylaminoazobenzene, the Interim Letter Report also proposed surrogates. However, EPA's August 2, 2005 conditional approval letter indicated that EPA did not agree with the proposed surrogates for these constituents. As a result, the Interim Letter Report Addendum indicated that GE could either: 1) provide

additional information to support the use of the proposed surrogates; 2) propose alternate surrogates; or 3) propose an alternative approach for addressing these constituents in the Conceptual Work Plan. After a further review of the data for these constituents, and consistent with GE's approved proposal for addressing benzidine in these same averaging areas, GE is proposing also to eliminate these three constituents during the PRG screening step based on very low frequency of detection. Specifically, 2-acetylaminofluorene was detected in only one of 139 samples collected within Averaging Area 4B at an estimated concentration of 0.16 ppm; 3-methylcholanthrene was detected in only one of 139 samples and one of 100 samples at estimated concentrations of 0.221 ppm and 0.098 ppm, for Averaging Areas 4B and 4E, respectively; and p-dimethylaminoazobenzene was detected in only one of 139 samples collected within Averaging Area 4B at a concentration of 0.39 ppm.

3.3.4 Dioxin/Furan Evaluation Procedures

For each dioxin/furan sample, a total TEQ concentration was calculated using the WHO TEFs. In making these calculations, the concentrations of the individual dioxin/furan compounds that were not detected in a given sample were represented as one-half the analytical detection limit for such compounds. Then, for each averaging area and relevant depth increment, the maximum TEQ concentration was compared to the applicable PRG identified in the SOW for that type of area and depth, as specified in Section 3.3.1 above. In addition, at EPA's request, the maximum TEQ concentrations within the additional depth increments specified in EPA's May 24, 2002 comment letter on the Conceptual Work Plan for the Newell Street Area I RAA were compared to the TEQ criteria specified in that letter (as also stated in Section 3.3.1), although these comparison criteria are not Performance Standards under the CD or SOW.

If the maximum TEQ concentrations at each averaging area were less than the applicable PRGs (or other comparison criteria requested by EPA), it was concluded that no further response actions are necessary to address dioxin/furan TEQs. If the maximum TEQ concentration was greater than the applicable PRG (or other comparison criterion) for a given area and depth, then the 95% UCL of the TEQ concentration was calculated for such area and depth and compared to the PRG (or other comparison criterion), as provided in the SOW. If the 95% UCL was also greater than the PRG (or other comparison criterion), removal actions were proposed to address that exceedance. If it was below that level, it was concluded that no further response actions are necessary to address dioxin/furans.

Finally, it should be noted that for one constituent, copper, for which there is no existing Method 1 soil standard, a Method 2 standard that GE had previously derived for this constituent (in accordance with the MCP) was used in these comparisons for any averaging area where copper exceeded the Screening PRG. That previously-derived soil standard for copper is a Method 2 S-1 soil standard, which was based on the relevant MCP criteria applicable to residential properties. For these evaluations, GE has used that derived S-1 soil standard for copper as a conservative measure regardless of the potential uses of the soils.

3.3.5 Comparisons to MCP Method 1 (Wave 2) Soil Standards

For each constituent (other than dioxins/furans) that was not eliminated in the screening step, an average concentration was calculated for the averaging area and depth increment in question and compared to the applicable MCP Method 1 (Wave 2) soil standard (S-1, S-2, or S-3). In calculating these average concentrations, non-detect sample results were represented as one-half the analytical detection limit. In calculating average concentrations in cases where delineation samples were collected to determine the extent of removal for a given non-PCB constituent and those samples are close to the original sample, these samples were first averaged together to create a composite sample result, and then that composite result was averaged together with the other sample results for that constituent in the same averaging area and depth increment. This procedure was followed, in accordance with a prior agreement with EPA, to avoid skewing the average by the inclusion of several samples collected close together without accounting for the spatial distribution of such samples. However, this procedure was not used to eliminate the need for remediation to address the original sample that was subject to delineation.

As with the PCB evaluations performed for Averaging Area 4E (the RRZ), because of the SOW requirement that GE remove pavement/soil to a total depth of one foot, there were some areas where the required removal of the top foot of pavement and soil combined will also remove the top portion of the 0- to 1-foot depth increment of soil, but the bottom portion of that increment will be left behind. The removed soil and pavement will then be replaced with one foot of vegetative engineered barrier, where required, and/or one foot of clean backfill, in both cases with a native grassland community. The bottom of the original 0- to 1-foot depth increment of soil will remain in place in paved portions of the RRZ. Therefore, and to be conservative, in evaluating the post-removal conditions for the 1- to 3- foot depth increment in such areas GE has used the samples collected from the original 0- to 1-foot depth increment, which is now at the top of the post-removal 1- to 3-foot depth increment, and the samples from the original 2- to 3-foot depth to represent the bottom of that increment (as there is no 2 ½ foot data).

To determine which set of Method 1 (Wave 2) soil standards (i.e., S-1, S-2, or S-3) to use in these comparisons, an assessment was made based on the relevant MCP criteria. In general, these criteria require consideration of the averaging area type, accessibility of the soils (relative to their depth and presence of pavement and buildings), potential uses of the area(s) by adults and children, and the relative frequency and intensity of such use (see 310 CMR 40.0933). As previously indicated, East Street Area 2-South includes both commercial and recreational areas.

For commercial Averaging Areas 4A, 4B, and 4D, it was assumed that: (1) children are generally not present; (2) adult workers in the commercial operations would have a high frequency of use (based on the potential for such individuals to be present for 8 hours or more per day on a continuing basis), but would have low intensity of use since such individuals would typically not be engaged in activities that would disturb the soil; and (3) if groundskeepers are present, they could have a high intensity of use but would have a low frequency since they would not be expected to engage in groundskeeping activities for full days on a continuing basis. Based on these considerations, the Method 1 (Wave 2) S-2 soil standards were selected to apply to the 0- to 1-foot and the 1- to 6-foot depth increments in these averaging areas. Category S-3 soil standards were determined to apply to the 0- to 15-foot depth increments in these averaging areas.

For recreational Averaging Area 4E, it was conservatively assumed that child and adult use could occur, and that the potential frequency and intensity of such use could be "high" for soils in the top 3 feet. As a result, the Method 1 (Wave 2) S-1 soil standards were selected to apply to soils located within the upper 3 feet (i.e., the 0- to 1-foot and 1- to 3-foot depth increments) and the Method 1 (Wave 2) S-2 standards were determined to apply to the 0- to 15-foot depth increment.

It should also be noted that the numerical values of the Method 1 (Wave 2) soil standards can vary depending on the applicable MCP groundwater classification. For East Street Area 2-South, two MCP groundwater classifications apply, depending on the specific location within the RAA: GW-2 groundwater is groundwater located within 15 feet of the ground surface and within 30 feet of occupied structures, while GW-3 groundwater applies to all areas within the RAA. For nearly all the constituents that were subject to this phase of the Appendix IX+3 evaluations at East Street Area 2-South, the Method 1 (Wave 2) soil standards for a given soil category are the same regardless of whether the groundwater is classified as GW-2 or GW-3. However, where there are differences, the more stringent soil standards were used.

3.3.6 Area-Specific Risk Evaluations

For averaging areas at which the MCP Method 1 (Wave 2) soil standards were exceeded for one or more non-PCB Appendix IX+3 constituents (other than dioxins/furans) in one or more of the relevant depth increments, area-specific risk evaluations were performed for these constituents. Such area-specific risk-evaluations were performed for Averaging Areas 4A, 4B, and 4E. For Averaging Area 4A, where the exceedances of the Method 1 soil standards were not substantial, the risk evaluation was performed for existing conditions, while for Averaging Areas 4B and 4E, the risk evaluations were performed for post-remediation conditions.

In accordance with the procedures specified in the SOW for area-specific risk evaluations, where an area-specific risk evaluation was conducted, that evaluation was performed for all constituents that were retained for evaluation prior to the comparison to MCP Method 1 (Wave 2) soil standards, and was based on the same average concentrations of those constituents that were used in the comparisons to Method 1 (Wave 2) standards. These evaluations were based on the same use and exposure scenarios that were assumed in developing the applicable PCB Performance Standards, as set forth in EPA's PCB risk evaluation in Attachment A to Appendix D to the CD. For the commercial averaging areas, these are the commercial/industrial groundskeeper scenario for the 0- to 1-foot depth increment and the utility worker scenario for the 1- to 6-foot depth increment. For the recreational averaging area, the scenario evaluated was the child recreational user scenario for the 0- to 1-foot depth increment; and since EPA did not evaluate any specific exposure scenario for the 1- to 3-foot depth increment, the same child recreational user scenario was also applied to that increment to be conservative. In addition, these risk evaluations used the same exposure assumptions and parameter values that were used by EPA in Attachment A to Appendix D to the CD for developing the PCB Performance Standards for the same scenarios, except that for chemical-specific parameters (i.e., oral and dermal absorption factors), the evaluations used values recommended by EPA or MDEP. The evaluations also used standard EPA cancer and non-cancer toxicity values -- i.e., Cancer Slope Factors (CSFs) and non-cancer Reference Doses (RfDs) -- as set forth on EPA's Integrated Risk Information System (IRIS) (or, where such values are not available on IRIS, values taken from other EPA or MDEP sources), together with EPA's recommended Relative Potency Factors (RPFs) for carcinogenic PAHs.

Based on these inputs, the risk evaluations calculated a cumulative Excess Lifetime Cancer Risk (ELCR) for the retained carcinogenic constituents and a Hazard Index (HI) for the retained constituents with non-cancer RfDs. The resulting ELCRs and HIs were then compared with the benchmarks set forth in the SOW of 1×10^{-5} for cancer risks and a HI of 1.0 for non-cancer impacts.

For averaging areas where lead was retained, a different procedure had to be used since there are no EPA-prescribed toxicity values for lead. In accordance with EPA guidance, lead was evaluated through the use of conservative models developed by EPA, including the Adult Lead Methodology (ALM) for the groundskeeper scenario at commercial averaging areas and the Integrated Exposure Uptake Biokinetic Model (IEUBK) for the child recreator scenario at the recreational averaging area. These models were used to back-calculate risk-based concentrations (RBCs) for lead in soil for use in the area-specific risk evaluations. These RBCs are 2,008 ppm for the adult groundskeeper scenario at the commercial areas and 1,313 ppm for the child recreator scenario at the recreational areas. Since highly intermittent exposures are not well represented by the ALM model, that model could not be applied to back-calculate an RBC for the utility worker scenario applicable to the 1- to 6-foot depth increment at commercial areas. Instead, based on agreement between EPA and GE, the average lead concentration for that depth interval at such areas was evaluated by comparison to a default level equivalent to the MCP Upper Concentration Limit (MCP UCL) for lead of 6,000 ppm. The above RBCs and default comparison level were previously approved by EPA for use in evaluating lead exposures in the parcel-specific risk evaluations at the Newell Street Area I RAA.

The area-specific risk evaluations performed for East Street Area 2-South are described and the results presented in Appendix F to this Conceptual Work Plan, which was prepared at GE's request by GE's risk assessment consultant, AMEC Earth & Environmental. The results are summarized, where applicable, in the area-specific evaluations presented in Section 4. Finally, it should be noted that EPA's PCB risk evaluation in Attachment A to Appendix D of the CD does not contain any exposure scenario or calculations for the 0- to 15-foot depth increment. Accordingly, there is no applicable risk evaluation scenario for that depth increment. Instead, since the applicable PCB Performance Standards for that depth increment (100 ppm) is the MCP UCL for PCBs in soil, the average concentrations of the retained non-PCB constituents in the 0- to 15-foot depth increment at each averaging area subject to an area-specific risk evaluation have been compared to the MCP UCLs for those constituents.

3.3.7 Post-Remediation Evaluations

For averaging areas where the evaluations of non-PCB constituents under existing conditions indicated the need for remediation to address such constituents, such remediation has been proposed and evaluations were then conducted for the constituents under post-remediation conditions to demonstrate that the proposed remediation will achieve the Performance Standards for the non-PCB constituents. These post-remediation evaluations followed the same procedures described above for comparisons of dioxin/furan TEQs to the applicable PRGs

(for areas where remediation is necessary to address such constituents), comparisons to the Method 1 (Wave 2) soil standards, and (where necessary) area-specific risk evaluations.

The specific removal actions proposed to achieve the non-PCB Performance Standards consist of soil removal/replacement and installation of an engineered barrier. Soil removal actions were taken into account in the post-remediation evaluations in the same general way in which they were considered for PCBs. Specifically, sample results from soil that is proposed for removal to address non-PCB constituents were eliminated from consideration, and it was assumed that such soil will be replaced with an equal volume of clean soil containing the concentrations of organic and inorganic constituents listed in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003). However, where removal is proposed to address non-PCB constituents in a given depth increment, the post-remediation evaluations for depth intervals that do not include that increment were based on existing conditions to be conservative. For example, if soil removal is proposed to address a sample collected from the 1- to 3-foot depth increment, the post-remediation evaluation for the 0- to 1-foot depth increment at that area did not incorporate that soil removal, even though the removal will in fact remove some of the soil from the top foot. Rather, the post-remediation evaluation for the 0- to 1-foot depth increment was based on existing conditions and only the post-remediation evaluations for the depth intervals that include the 1- to 3-foot depth increment took account of the soil removal.

Engineered barrier installation actions were taken into account in the post-remediation evaluations in the manner specified by Attachment F to the SOW. Specifically, sample results located beneath the engineered barrier were removed from the non-PCB evaluations, and averages were recalculated for the portion of the area not subject to the engineered barrier, when the horizontal extent of the detected constituents was defined within an averaging area and was included entirely underneath the barrier. For example, in the area covered by the engineered barrier, if a particular sample with an elevated Appendix IX+3 constituent is beneath the barrier and adjacent sample locations within the averaging area are also beneath the barrier, the post-remediation evaluation indicated that the subject sample is being addressed by the barrier and that sample is no longer included in the evaluation.

3.4 Performance Standards for NRR/E Activities

Attachment I to the SOW sets forth the Performance Standards and other requirements for the NRR/E activities at East Street Area 2-South. These Performance Standards and requirements apply to the RRZ (Averaging Area 4E). In connection with the removal actions for this area, GE is required to enhance the habitat in the RRZ

through the planting of herbaceous vegetation and placement of other items in this area. Specifically, the Performance Standards for this area are as follows:

- GE shall plant an herbaceous native grassland community within this averaging area, using a mixture of native grass and wildflower species.

- In addition to the vegetative enhancements, GE shall place uncontaminated stumps and rock piles randomly throughout this vegetated area to provide habitat for fossorial and ground-dwelling wildlife. GE understands that EPA will no longer require GE to place uncontaminated stumps and rock piles within the surface cover area based on comments received during similar NRR/E activities proposed for the Newell Street Area II RAA. However, GE proposes to install such materials within the portion of the RRZ which will not be subject to engineered barrier installation activities.

- GE shall place bluebird boxes along the edges of the RRZ adjacent to the Housatonic River.

To achieve the above-listed Performance Standards, Attachment I to the SOW sets forth more specific requirements relating to these activities. Conceptual plans for implementing these NRR/E activities following installation of the vegetative engineered barrier are described in Section 5.3.

4. PCB and Non-PCB Soil Evaluations

4.1 General

This section presents the results of the area-specific PCB and Appendix IX+3 evaluations which were performed for the identified averaging areas within East Street Area 2-South in accordance with the evaluation procedures summarized in Section 3 of this Conceptual Work Plan.

In this section, the following information is presented for each of the averaging areas located within East Street Area 2-South:

- Description of area and identification of Performance Standards;
- Evaluation of existing conditions with respect to PCBs and discussion of the need for remediation to address PCBs;
- Evaluation of existing conditions with respect to other Appendix IX+3 constituents and discussion of the need for remediation to address these constituents;
- Description of proposed removal actions;
- Evaluation of post-remediation conditions with respect to PCBs, if required; and
- Evaluation of post-remediation conditions with respect to other Appendix IX+3 constituents, if required.

Following the discussion of above-referenced area-specific evaluations, this section presents a utility corridor evaluation summary for PCBs. Finally, this section presents an overall summary of the removal actions proposed for East Street Area 2-South, including soil removal volumes, enhanced pavement areas, and engineered barrier installation areas.

In support of the evaluations presented in this section, GE has prepared backup documentation for these evaluations. Specifically, the spatial averaging tables and Theissen polygon maps developed in support of the area-specific and utility-related PCB evaluations are presented in Appendices C and D, respectively. The evaluation tables developed in support of the Appendix IX+3 evaluations summarized herein are presented in Appendix E. Finally, the area-specific risk evaluations are presented in Appendix F.

4.2 Evaluations for 60s Complex (Averaging Area 4A)

As shown on Figure 1-2, Averaging Area 4A is in the northwestern portion of East Street Area 2-South and consists of the portion of the 60s Building Complex located north of the RRZ (Averaging Area 4E) and west of the Former Gas Plant/Scrap Yard Area (Averaging Area 4B). This averaging area is owned by GE and will be subject to an ERE. The applicable Performance Standards for this area require the removal/replacement of soils and/or pavement enhancement, as necessary to achieve the following spatial average PCB concentrations: 25 ppm in unpaved portions of the 0- to 1-foot depth increment, 25 ppm in the entire 0- to 1-foot depth increment (considering paved and unpaved portions together), and 200 ppm in the 1- to 6-foot depth increment. Further, if, after incorporating any response actions anticipated to occur within the uppermost 6 feet, the spatial average PCB concentration in the 0- to 15-foot depth exceeds 100 ppm, installation of an engineered barrier is required. Finally, since this averaging area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of unpaved soils within the area must be less than the 125 ppm NTE concentration applicable to commercial areas.

4.2.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process involved the identification of any soil samples in the top foot of unpaved portions of this averaging area containing PCB concentrations greater than the applicable NTE level of 125 ppm. There are no such exceedances of the NTE level at this area. The next step involved the use of available PCB soil data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.2 above. The following table presents the existing average PCB concentrations that were calculated for Averaging Area 4A, together with references to the corresponding tables in Appendix C and the applicable Performance Standards.

Depth Increment	Appendix C Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’ (unpaved)	C-1	13.31	25
0 – 1’ (paved and unpaved)	C-2	6.01	25
1 – 6’	C-3	27.60	200
0 – 15’	C-4	9.85	100

As indicated in the preceding table, the existing average PCB concentration for each of the specified evaluation depth increments is below the corresponding Performance Standard and no exceedances of the NTE level exist for this averaging area. As a result, no remediation is required to achieve the PCB Performance Standards for this averaging area.

4.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Averaging Area 4A are presented in Table E-1. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.2.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-2 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. In addition to the comparison to the Screening PRGs, as noted above in Section 3.3.3, GE has screened out several Appendix IX+3 substances at Averaging Area 4B based on a different ground – very low frequency of detection. These substances are: (1) benzidine, which was detected in only one of 120 samples at this averaging area (at a concentration of 2.3 ppm); (2) 2-acetylaminofluorene, which has no PRG and was likewise detected in only one of 139 samples in this averaging area (at an estimated concentration of 0.16 ppm), (3) 3-methylcholanthrene, which has no PRG and was detected in only one of 139 samples in this averaging area (at an estimated concentration of 0.221 ppm), and (4) p-dimethylaminoazobenzene, which has no PRG and was detected in one of 139 samples in this averaging area (an a concentration of 0.39 ppm). As discussed above, GE believes that it is reasonable to eliminate these substances from further consideration at this averaging area based on very low frequency of detection. As shown in Table E-2, the following constituents remain after the screening step:

- Benzo(a)anthracene;
- Benzo(a)pyrene;
- Benzo(b)fluoranthene;
- Bis(2-chloroethyl)ether;
- Dibenzo(a,h)anthracene;
- Indeno(1,2,3-cd)pyrene;
- o-Toluidine; and,
- Arsenic.

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.2.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 (Wave 2) soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs (or other comparison criteria).

Tables E-3 through E-5 present the evaluations of retained constituents for the 0- to 1-foot, 1- to 6-foot, and 0- to 15-foot depth increments, respectively. As indicated in tables E-3 and E-5, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria) for the 0- to 1-foot and 0- to 15-foot depth increments, respectively. However, certain other constituents have existing average concentrations greater than the applicable Method 1 (Wave 2) soil standards in the 0- to 1-foot, 1- to 6-foot, 0- to 15-foot depth increments, as indicated in Tables E-3 through E-5. Since these average concentrations are not substantially above their corresponding Method 1 (Wave 2) soil standards, an area-specific risk evaluation has been performed for the soils within this averaging area in its existing condition.

That risk evaluation is included in Appendix F and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. For the 0- to 15-foot depth increment, Table E-6 demonstrates that the average concentrations for all non-PCB constituents are below their respective UCLs. For these reasons, no remediation is required to achieve the non-PCB Performance Standards for this averaging area.

4.3 Evaluations for Former Gas Plant/Scrap Yard Area (Averaging Area 4B)

As shown on Figure 1-2, Averaging Area 4B consists of the central and eastern portions of East Street Area 2-South, which is located east of the 60s Building Complex (Averaging Area 4A) and north of the 200-Foot Wide Industrial Averaging Strip (Averaging Area 4D) and a portion of the RRZ (Averaging Area 4E). This averaging area is owned by GE and will be subject to an ERE. In addition, this area also includes the subsurface of the CRA (Averaging Area 4C) and of a portion of the CRA access road area. The applicable Performance Standards for this averaging area require the removal/replacement of soils and/or installation of a soil cover or

pavement enhancement, as necessary to achieve the following spatial average PCB concentrations: 25 ppm in unpaved portions of the 0- to 1-foot depth increment, 25 ppm in the entire 0- to 1-foot depth increment (considering paved and unpaved portions together), and 200 ppm in the 1- to 6-foot depth increment. Further, if, after incorporating any response actions anticipated to occur within the uppermost 6 feet, the spatial average PCB concentration in the 0- to 15-foot depth exceeds 100 ppm, installation of an engineered barrier is required. Finally, since this averaging area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of unpaved soils within the area must be less than the 125 ppm NTE concentration applicable to commercial areas.

4.3.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process involved the identification of any soil samples in the top foot of unpaved portions of this averaging area containing PCB concentrations greater than the applicable NTE level of 125 ppm. This step resulted in the identification of the following 24 soil sample locations in the top foot of soil that contain PCBs at concentrations in excess of the NTE level:

- 206S;
- 95-07;
- 95-26;
- RAA4-4;
- RAA4-E30S;
- RAA4-F23S;
- RAA4-F27;
- RAA4-F28;
- RAA4-F29;
- RAA4-G28;
- RAA4-H24;
- RAA4-H27S;
- RAA4-H28S;
- RAA4-H29;
- RAA4-I23;
- RAA4-I30;
- RAA4-J27;
- RAA4-K23;
- RAA4-L23;
- RAA4-L25;
- X-12;
- Y-9;
- Y-15; and
- Y-20.

These sampling locations include several sample locations (RAA4-I30, RAA4-J27, and RAA4-L25) that are located in adjacent Averaging Area 4E, but with polygons extending into Averaging Area 4B, and other sampling locations (Y-9, Y-15, Y-20, and H-24) that are in paved areas of Averaging Area 4B with polygons extending into unpaved areas. As a result, soil removal/replacement and/or installation of a soil cover is necessary at each of the above-listed sample locations (or in the portions of the polygons associated with those locations extending into this averaging area or into unpaved areas of the averaging area).

The next step involved the use of available PCB soil data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.3 above. The following table presents the existing average PCB concentrations that were calculated for Averaging Area 4B, together with references to the corresponding tables in Appendix C and the applicable Performance Standards.

Depth Increment	Appendix C Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1' (unpaved)	C-5	116.93	25
0 – 1' (paved and unpaved)	C-6	158.65	25
1 – 6'	C-7	102.00	200
0 – 15'	C-8	68.49	100

As indicated in the preceding table, the existing average PCB concentration for the unpaved portion of the 0- to 1-foot depth increment and the overall average PCB concentration for the 0- to 1-foot depth increment both exceed the corresponding Performance Standards. In addition, as noted above, there are several exceedances of the NTE level in unpaved portions of this averaging area. As a result, remediation is required to achieve the PCB Performance Standards for this averaging area.

4.3.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Averaging Area 4B are presented in Table E-7. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.3.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-8 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzene;
- Ethylbenzene;
- Toluene;
- Xylenes (total);
- 1,4-Dichlorobenzene;
- 2-Methylnapthalene;
- 7,12-Dimethylbenz(a)anthracene;
- Acenapthylene;
- Acetophenone;
- Aniline;
- Benzo(a)anthracene;
- Benzo(a)pyrene;
- Benzo(b)fluoranthene;
- Benzo(g,h,i)perylene;
- Benzo(k)fluoranthene;
- Bis(2-Chloroethyl)ether;
- Bis(2-Ethylhexl)phthalate;
- Chrysene;
- Dibenzo(a,h)anthracene;
- Hexachlorobenzene;
- Indeno(1,2,3-cd)pyrene;
- Naphthalene;
- Phenanthrene;
- Arsenic;
- Chromium;
- Cyanide;
- Lead; and,
- Sulfide.

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.3.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs (or other comparison criteria).

Tables E-9A through E-11C present the evaluations of retained constituents for the 0- to 1-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As noted above, due to the large number of samples at this averaging area, the non-PCB evaluation tables in Appendix E have been divided into separate tables for VOCs, SVOCs, and dioxins/furans/inorganic compounds. As indicated in tables E-9C and E-11C, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria) for the 0- to 1-foot and 0- to 15-foot depth increments, respectively. However, certain other constituents have existing average concentrations greater than the applicable Method 1 (Wave 2) soil standards in the 0- to 1-foot, 1- to 6-foot, 0- to 15-foot depth increments, as indicated in Tables E-9B, E-9C, E-10B, E-10C, E-11B, and E-11C. As a result, remediation is required to achieve the non-PCB Performance Standards for this averaging area.

4.3.3 Proposed Remediation

Based on the PCB evaluations presented above, removal action is proposed at 24 sample locations to achieve the NTE Performance Standard of 125 ppm for unpaved soils in the 0- to 1-foot depth increment. Upon incorporating these proposed removal actions into the evaluations for the 0- to 1-foot depth increment, the average PCB concentration for the unpaved portion of the 0- to 1-foot depth increment was reduced to a level below the Performance Standard of 25 ppm. However, the average PCB concentration for the entire 0- to 1-foot depth increment was still in excess of the Performance Standard of 25 ppm. Therefore, additional removal actions are required for the 0- to 1-foot depth increment.

After calculating the effect of the soil removal in unpaved areas necessary to achieve the 25 ppm Performance Standard in such areas, where the top foot of soil remaining in the averaging area (taking paved and unpaved soil together) does not achieve 25 ppm in the top foot, GE is to perform pavement enhancement activities and, where such pavement enhancement occurs within the 100-year floodplain of the Housatonic River, provide flood storage compensation in the same general area, as specified in Section 3.2.1. GE will perform pavement enhancement activities and provide flood storage compensation as shown on Figure 4-1 (and as further described in Section 5.4) to achieve the Performance Standard of 25 ppm for the entire 0- to 1-foot depth increment.

Regarding evaluations of the need for removal actions to achieve the non-PCB Performance Standards applicable to this averaging area, only sample location 206S required removal actions for non-PCB constituents, to address elevated SVOC concentrations in the 0- to 1-foot depth increment at this location. However, since the extent of the PCB-related soil removal in the area of that sample location completely encompasses the area of elevated SVOC concentrations associated with location 206S, as determined through review of the soil sample data for the associated non-PCB delineation samples corresponding to that location, no additional removal actions are required to address non-PCB constituents within this averaging area.

In summary, GE is proposing to conduct the soil removal/replacement and enhanced pavement activities illustrated on Figure 4-1 to achieve the PCB and non-PCB Performance Standards at Averaging Area 4B. This remediation will involve the excavation of approximately 3,100 cubic yards of soil and approximately 43,300 square feet of pavement enhancement. As demonstrated in Sections 4.3.4 and 4.3.5, performance of these activities will result in achievement of the PCB and non-PCB Performance Standards.

4.3.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in removal of all unpaved soils containing PCBs in excess of the NTE level and achievement of the PCB Performance Standards for the relevant depth increments, as indicated in the following table.

Depth Increment	Appendix C Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1' (unpaved)	C-9	7.52	25
0 – 1' (paved and unpaved)	C-10	24.16	25
0 – 15'	C-11	60.93	100

4.3.5 Appendix IX+3 Evaluation - Post-Remediation Conditions

The evaluations presented in Section 4.3.2.2 indicated that remediation is required to achieve the non-PCB Performance Standards at this averaging area. Tables E-12 and E-13 present the post-remediation conditions for SVOCs in the 0- to 1-foot and 0- to 15-foot depth increments, respectively. To be conservative, the tables representing existing conditions (Tables 9A, 9C, 10A, 10B, 10C, 11A, and 11C) will be used to evaluate post-remediation conditions for substances other than SVOCs in the 0- to 1-foot and 0- to 15-foot depth increments and for all substances in the 1- to 6-foot depth increment. As shown in all of these tables, the average concentrations of several constituents at this commercial area in its post-remediation condition will still slightly exceed their corresponding Method 1 (Wave 2) soil standards. Therefore, an area-specific risk evaluation has been performed for the soils within this averaging area in its post-remediation condition.

That risk evaluation is included in Appendix F and indicates that, under those conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 1- to 6-foot depth increments are below the benchmarks specified in the SOW, and that the average lead concentrations are below the applicable RBCs. For the 0- to 15-foot depth increment, Table E-14 demonstrates that the average concentrations for all non-PCB constituents are below their respective UCLs. For these reasons, the proposed remediation at Averaging Area 4B will achieve the Performance Standards for non-PCB Appendix IX+3 constituents.

4.4 Evaluations of the 200-Foot Wide Industrial Averaging Strip (Averaging Area 4D)

As shown on Figure 1-2, Averaging Area 4D consists of a 200-foot wide largely unpaved strip of land located along the banks of the East Branch of the Housatonic River, south of the Former Gas Plant/Scrap Yard Area (Averaging Area 4B) and east of the RRZ (Averaging Area 4E). The averaging area also includes that portion of the subsurface soils under the CRA access road area located within the overall boundary of this averaging area. This commercial averaging area is owned by GE and will be subject to an ERE. The applicable Performance Standards for this area require the removal/replacement of soils and/or pavement enhancement, as necessary to achieve the following spatial average PCB concentrations: 25 ppm in unpaved portions of the 0- to 1-foot depth increment, 25 ppm in the entire 0- to 1-foot depth increment (considering paved and unpaved portions together), and 200 ppm in the 1- to 6-foot depth increment. Further, if, after incorporating any response actions anticipated to occur within the uppermost 6 feet, the spatial average PCB concentration in the 0- to 15-foot depth exceeds 100 ppm, installation of an engineered barrier is required. Finally, since this averaging area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of unpaved soils within the area must be less than the 125 ppm NTE concentration applicable to commercial areas.

4.4.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process involved the identification of any soil samples in the top foot of unpaved portions of this averaging area containing PCB concentrations greater than the applicable NTE level of 125 ppm. This step resulted in the identification of two soil sample locations (RAA4-I30 and RAA4-I31) that contain PCBs at concentrations in excess of the NTE level in unpaved soils within the 0- to 1-foot depth increment. Although sampling location RAA4-I30 is located in adjacent Averaging Area 4E, the polygons of that location extend into Averaging Area 4D. As a result, soil removal/replacement is necessary with respect to both sample locations.

The next step in the PCB evaluation process involved the use of available PCB soil data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.4 above. The following table presents the existing average PCB concentrations that were calculated for Averaging Area 4D, together with references to the corresponding tables in Appendix C and the applicable Performance Standards.

Depth Increment	Appendix C Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1' (unpaved)	C-12	15.66	25
0 – 1' (paved and unpaved)	C-13	16.58	25
1 – 6'	C-14	8.63	200
0 – 15'	C-15	10.87	100

As indicated in the preceding table, the existing average PCB concentration for the each of the specified evaluation depth increments is below the corresponding Performance Standard. However, remediation activities are necessary for this averaging area to address the exceedances of the NTE level discussed above.

4.4.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Averaging Area 4D are presented in Table E-15. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.4.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-16 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- 2-Methylnaphthalene;
- Benzo(a)anthracene;
- Benzo(a)pyrene;
- Benzo(b)fluoroanthene;
- Benzo(k)fluoroanthene;
- Dibenzo(a,h)anthracene;
- Indeno(1,2,3-cd)pyrene;
- Naphthalene;
- Phenanthrene; and,
- Arsenic.

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.4.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 (Wave 2) soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs (or other comparison criteria).

Tables E-17 through E-19 present the evaluations of retained constituents for the 0- to 1-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in tables E-17 and E-19, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria) for the 0- to 1-foot and 0- to 15-foot depth increments, respectively. In addition, the average concentrations for the other non-PCB constituents are below the corresponding MCP Method 1 (Wave 2) soil standards in the 0- to 1-foot, 1- to 6-foot, 0- to 15-foot depth increments, as indicated in Tables E-17 through E-19. However, in the Interim Letter Report, GE determined that removal of soil in the vicinity of sample location 211S was necessary due to elevated SVOC concentrations and therefore conducted delineation sampling in the 0- to 1-foot depth increment in the vicinity of that sample location. Accordingly, GE proposes to conduct response actions to address the soils associated with the 0- to 1-foot depth increment at this sample location.

4.4.3 Proposed Remediation

Based on the PCB evaluations presented above, GE proposes removal action in this averaging area to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 180 cubic yards of soil. As demonstrated in Sections 4.4.4 and 4.4.5, performance of these activities will result in achievement of the PCB and non-PCB Performance Standards applicable to Averaging Area 4D.

4.4.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in removal of all unpaved soils containing PCBs in excess of the NTE level and achievement of the PCB Performance Standards for the 0- to 1-foot and 0- to 15-foot depth increments, as indicated in the following table.

Depth Increment	Appendix C Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1' (unpaved)	C-16	11.22	25
0 – 1' (paved and unpaved)	C-17	12.58	25
0 – 15'	C-18	10.61	100

4.4.5 Appendix IX+3 Evaluation - Post-Remediation Conditions

Tables E-20 and E-21 present the post-remediation conditions for non-PCB constituents in the 0- to 1-foot and 0- to 15-foot depth increments, respectively. The remediation shown on Figure 4-1 will further lower post-remediation concentrations of the retained constituents in the 0- to 1-foot and 0- to 15-foot depth increments below the applicable Method 1 soil standards. As a result, performance of the proposed remediation will ensure achievement of the non-PCB Performance Standards at Averaging Area 4D.

4.5 Evaluations for the Riparian Removal Zone (Averaging Area 4E)

As shown on Figure 1-2, Averaging Area 4E consists of an approximately 200-foot wide largely paved strip of land located along the banks of the East Branch of the Housatonic River, south of the 60s Complex (Averaging Area 4A) and the Former Gas Plant/Scrap Yard Area (Averaging Area 4B) and west of the 200-foot Wide Industrial Averaging Strip (Averaging Area 4D). This averaging area is owned by GE and will be subject to an ERE. The applicable Performance Standards for this area require the removal of all concrete/asphalt/gravel surfaces, buildings/structures (except for the 64W oil/water separator), and underlying soil to a total depth of one foot. GE shall then replace that pavement/soil with a 1-foot thick vegetative engineered barrier, as described in Attachment G of the SOW, except that such a barrier is not needed in discrete portions of this area where the spatial average PCB concentrations do not exceed 10 ppm in the top foot, 15 ppm in the 1- to 3-foot depth increment, and 100 ppm in the top 15 feet (or unless GE elects to remove soil to reduce spatial average PCB concentrations to these levels), provided that the effectiveness of the barrier is not impaired by discontinuities in the barrier. GE shall also restore this area with a native grassland community, as necessary to meet the applicable NRR/E Performance Standards (described in Section 3.4). In addition, GE must obtain adequate flood storage compensation (as described in the CD) for the installed barrier. Since this averaging area will be subject to removal of 1 foot of material across the entire area followed by the placement of an engineered barrier and/or clean backfill (either with a minimum thickness of 1-foot), there is no need to compare PCB concentrations to the NTE levels.

As discussed above, soil sampling activities beneath paved areas/building slabs in this averaging area were initiated at the top of the soil column (i.e., beneath the pavement/slab and associated sub-base materials) at each location. Since the SOW requires the removal of all concrete/asphalt/gravel surfaces (including building slabs) and associated sub-base materials to a total depth of one foot within this averaging area, such removal will only partially address the soils in the 0- to 1-foot depth increment in paved areas (removal of the top foot of soil in unpaved areas will necessarily address all soils associated with samples collected from that depth interval). Further, the pavement thickness (and the associated sub-base materials) varies across this area (i.e., between 4 and 8 inches in thickness). As a conservative measure, GE has assumed that the required one-foot area-wide removal action will address only the 0- to 0.5-foot sample increment (i.e., six inches of soil removal) in paved areas. Therefore, the PCB soil sample data for the 0.5- to 1-foot depth increment (or the 0- to 1-foot depth increment in sample locations from paved areas where there is no 0.5- to 1-foot depth) in paved areas only was incorporated in the evaluation of the 1- to 3-foot depth increment to determine the need for removal actions to achieve the Performance Standard of 15 ppm applicable to this depth increment. The results of this evaluation were also incorporated into the evaluation of the 0- to 15-foot depth increment to determine the need for removal actions to achieve the Performance Standard of 100 ppm applicable to this depth increment. Similarly, any Appendix IX+3 soil samples collected from the 0- to 1-foot depth increment in paved areas were incorporated into the evaluations for the 1- to 3-foot and 0- to 15-foot depth increments, since such samples would only be partially addressed by the removal of concrete/asphalt/gravel surfaces (including building slabs) and sub-base materials to a total depth of one foot below grade.

4.5.1 PCB Evaluation – Existing Conditions

As discussed above, the identification of any soil samples in the top foot of unpaved portions of an averaging area containing PCB concentrations greater than the applicable NTE level is not necessary for this averaging area as the entire area will be covered by clean materials with a minimum thickness of one foot. Therefore, by definition, there will be no NTE exceedances in the top foot under post-remediation conditions.

Available PCB soil data and the spatial averaging procedures discussed in Section 3 were therefore used to calculate average PCB concentrations for each of the depth increments specified in Section 4.5 above. The following table presents the existing average PCB concentrations that were calculated for Averaging Area 4E, together with references to the corresponding tables in Appendix C and the applicable Performance Standards.

Depth Increment	Appendix C Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)[1]
0 – 1’	C-19	437.32	10
1– 3’ (paved and unpaved)	C-20	262.68	15
0 – 15’	C-21	185.25	100

Note:

1. These numerical Performance Standards only apply to the area not covered by the Engineered Barrier, while the existing average PCB concentrations shown are for the entirety of Averaging Area 4E.

As indicated in the preceding table, the existing average PCB concentration for the 0- to 1-foot, 1- to 3-foot, and 0- to 15-foot depth increments exceed the corresponding Performance Standards. As a result, remediation is required to achieve the applicable PCB Performance Standards for this averaging area.

4.5.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the RRZ are presented in Table E-22. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.5.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-23 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. In addition to the comparison to the Screening PRGs, as noted above in Section 3.3.3, GE has screened out two Appendix IX+3 substances at Averaging Area 4E based on very low frequency of detection. These substances are: (1) benzidine, which was detected in only one of 92 samples at this averaging area (at a concentration of 6.1 ppm), and (2) 3-methylcholanthrene, which has no PRG and was detected in only one of 100 samples in this averaging area (at an estimated concentration of 0.098 ppm). As discussed above, GE believes that it is reasonable to eliminate these substances from further consideration at this averaging area based on very low frequency of detection. As shown in Table E-23, the following constituents remain after the screening step:

- Acrylonitrile;
- Chlorobenzene;
- 1,2,4,5-Tetrachlorobenzene;
- 1,4-Dichlorobenzene;
- 2-Methylnaphthalene;
- 7,12-Dimethylbenz(a)anthracene;
- Acetophenone;
- Aniline;
- Benzo(a)anthracene;
- Benzo(a)pyrene;
- Benzo(b)fluoranthene;
- Benzo(g,h,i)perylene;
- Benzo(k)fluoranthene;
- bis(2-Chloroethyl)ether;
- Chrysene;
- Dibenzo(a,h)anthracene;
- Hexachlorobenzene;
- Indeno(1,2,3-cd)pyrene;
- Naphthalene;
- N-Nitroso-di-n-butylamine;
- N-Nitroso-di-n-propylamine;
- o-Toluidine;
- Pentachlorobenzene;
- Pentachlorophenol;
- Phenanthrene;
- Antimony;
- Arsenic;
- Barium;
- Cadmium;
- Chromium;
- Copper;
- Lead; and
- Sulfide.

These constituents were retained for further evaluation, along with dioxin/furan TEQs.

4.5.2.2 Evaluation of Retained Constituents

For the Appendix IX+3 constituents retained for further evaluation, the next component of the Appendix IX+3 evaluation involved the comparison of average constituent concentrations (except for dioxin/furan TEQs) to the applicable MCP Method 1 (Wave 2) soil standards and comparison of maximum dioxin/furan TEQ concentrations to the applicable EPA PRGs (or other comparison criteria).

Tables E-24 through E-26 present the evaluations of retained constituents for the 0- to 1-foot, 1- to 3-foot, and 0- to 15-foot depth increments. As indicated in tables E-24 and E-25, certain samples contain dioxin/furan TEQ concentrations greater than the applicable PRGs (or other comparison criteria) for the 0- to 1-foot and 1- to 3-foot depth increments, respectively. However, all dioxin/furan TEQ concentrations are less than the applicable PRG for the 0- to 15-foot depth increment. In addition, the average concentrations for certain other non-PCB constituents are greater than the corresponding MCP Method 1 (Wave 2) soil standards in the 0- to 1-foot, 1- to 3-foot, 0- to 15-foot depth increments, as indicated in Tables E-24 through E-26. As a result, remediation is proposed to achieve the non-PCB Performance Standards for this averaging area.

4.5.3 Proposed Remediation

Pursuant to the SOW, GE proposes to remove all concrete/asphalt/gravel surfaces, buildings/structures (except for the 64W oil/water separator), and underlying soil in this averaging are to a total depth of one foot. GE will then replace a portion of that pavement/soil with a 1-foot thick vegetative engineered barrier, as described in Attachment G of the SOW, to the limits shown on Figure 4-1, and the remainder of the averaging area with one foot of clean fill. As shown on that figure, GE is proposing the installation of a vegetative engineered barrier over the majority of the averaging area. Beyond the removal of the top foot of material across the entire averaging area and the subsequent installation of the vegetative engineered barrier or clean fill, GE has determined that limited additional soil removal for SVOCs is necessary at one location outside the limits of the engineered barrier, as shown on Figure 4-1, to achieve the applicable non-PCB Performance Standards.

The remediation proposed by GE will involve the excavation of approximately 11,900 cubic yards of soil and the installation of approximately 4.8 acres of engineered barrier. As demonstrated in Sections 4.4.4 and 4.4.5, performance of these activities will result in achievement of the PCB and non-PCB Performance Standards applicable to Averaging Area 4E.

4.5.4 PCB Evaluation – Post-Remediation Conditions

The numerical PCB Performance Standards for the RRZ apply only to the area not covered by the engineered barrier. The performance of the remediation shown on Figure 4-1 will result in the achievement of the PCB Performance Standards for all the relevant depth increments for that area, as indicated in the following table.

Depth Increment	Appendix C Table Reference	Post-Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	N/A	0.02[1]	10
1 – 3’ (paved and unpaved)	C-22	10.44	15
0 – 15’	C-23	2.49	100

Note:

1. The spatial average of 0.02 represents the removal to a depth of 1 foot across the entire averaging area followed by the placement of clean backfill at an assumed concentration equal to ½ the detection limit for PCBs (outside of the engineered barrier area).

4.5.5 Appendix IX+3 Evaluation - Post-Remediation Conditions

The evaluations presented in Section 4.5.2.2 indicated that remediation is required to achieve the non-PCB Performance Standards at this averaging area. Tables E-27 and E-28 present the post-remediation conditions for non-PCB constituents in the 1- to 3-foot and 0- to 15-foot depth increments, respectively. Pursuant to Attachment F to the SOW, for areas where an engineered barrier was installed, the sample results from soil underlying the barrier were eliminated from consideration, as long as the elevated concentrations were contained entirely underneath the barrier. Moreover, because one foot of clean backfill will be placed throughout the entire averaging area, there is no need to evaluate post-remediation concentrations in the 0- to 1-foot increment. Further, as discussed above, because the overall one-foot removal (including pavement and soil) in this averaging area may leave behind a portion of the top foot of soil alone in this averaging area, GE has conservatively included the original 0- to 1-foot results in the calculations for the 1- to 3-foot and 0- to 15-foot depth increments. Even with that conservative assumption, the remediation shown on Figure 4-1 will result in achievement of the applicable PRG (or other comparison criteria) for dioxin/furans in the 1- to 3-foot and 0- to 15-foot depth increments. Performance of this remediation will also lower post-remediation concentrations of the other retained constituents in the 1- to 3-foot and 0- to 15-foot depth increments, but certain of these constituents will still be present at average concentrations slightly greater than the corresponding Method 1 (Wave 2) soil standards. Accordingly, an area-specific risk evaluation has been performed for the soils within this averaging area in its post-remediation condition.

That risk evaluation is included in Appendix F and indicates that, under those conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 1- to 3-foot depth increment are below the benchmarks specified in the SOW. Both cancer and non-cancer risks in the 0- to 1-foot increment are also below the benchmarks specified in the SOW because the soil in that increment will consist entirely of clean backfill. For the 0- to 15-foot depth increment, Table E-29 demonstrates that the average concentrations for all non-PCB constituents are below their respective UCLs. For these reasons, the proposed remediation will achieve the Performance Standards for non-PCB Appendix IX+3 constituents at Averaging Area 4E.

4.6 Utility Corridor Evaluations

As noted in Section 3.2.1, where utilities potentially subject to emergency repair requirements are present and the spatial average PCB concentration for the soils in the utility corridor exceeds 200 ppm, GE is required under the CD and SOW to evaluate the need for additional response actions. The utility corridor evaluations were

performed in accordance with the evaluation procedures specified in Section 3.2.4 and are presented in Appendix D. Specifically, Figures D-1 through D-5 present the Theissen polygon mapping for the 1- to 6-foot depth increment for the utility corridors (or portions thereof) subject to evaluation. Table D-1 presents the spatial averaging evaluation for the 1- to 6-foot depth increment for the portions of the utility corridors subject to evaluation.

As indicated in Table D-1, the spatial average PCB concentration for the 1- to 6-foot depth increment for the portion of the utility corridors subject to evaluations is 346.18 ppm. This spatial average does not take into account the installation of the engineered barrier over the portions of these utility corridors located within Averaging Area 4E. Since the spatial average PCB concentration exceeds 200 ppm, GE has evaluated the need for further response actions in this area.

As previously indicted, each of the averaging areas within the East Street Area 2-South RAA is owned by GE and will be subject to an ERE. Under the terms of the ERE that will be applicable to these averaging areas, no non-emergency excavation will be allowed unless GE obtains a Conditional Exception from MDEP. In addition, emergency excavations would be subject to separate requirements. Therefore, the restrictions built into the ERE will allow the Agencies (as well as GE) an opportunity to evaluate any planned excavation in these areas and to ensure that appropriate measures are taken, including both health and safety precautions, disposition of all excavated materials, and placement of backfill materials that satisfy the requirements of the SOW. Finally, the majority of the soils containing elevated concentrations of PCBs are located beneath the proposed vegetative engineered barrier for Averaging Area 4E (the installation of which was not incorporated into the PCB spatial averaging evaluations for the utility corridors). In the event that emergency repairs are required in this area, GE may elect to abandon the utility in place and re-route the line(s) above-grade (if necessary). For these reasons, GE does not believe that additional remediation is necessary at this time to address soils within the utility corridors subject to evaluation.

4.7 Overall Summary

Based on the foregoing evaluations, the soil removal, pavement enhancement, and engineered barrier limits that will be necessary to meet the PCB and non-PCB Performance Standards for each of the averaging areas comprising the East Street Area 2-South RAA are shown on Figure 4-1. The following table presents the estimated soil removal volume, and limits of pavement enhancement, and/or engineered barrier area proposed for each averaging area (if any).

Averaging Area	Estimated Soil Removal Volume (cy)	Enhanced Pavement Area (sf)	Estimated Engineered Barrier Area (acre)
4A	0	0	0
4B	3,100	43,300	0
4D	180	0	0
4E	11,900	0	4.8
Total:	**15,180**	**43,300**	**4.8**

As indicated in the above table, the remediation for the East Street Area 2-South RAA will involve the excavation of a total of approximately 15,180 cubic yards of soil, and the installation of approximately 43,300 square feet of enhanced pavement and a total of approximately 4.8 acres of engineered barrier.

5. Preliminary Design Information and Future Design-Related Activities

5.1 General

Based on the PCB and Appendix IX+3 evaluations presented in Section 4 of this Conceptual Work Plan, the remediation identified for East Street Area 2-South will include soil removal/replacement, pavement enhancement, and installation of an engineered barrier, as depicted on Figure 4-1. This section presents preliminary design information for the proposed remediation, describes the implementation of NRR/E activities within the RRZ (Averaging Area 4E), summarizes maintenance and monitoring activities associated with the areas subject to enhanced pavement installation and/or installation of an engineered barrier, discusses flood storage compensation requirements, identifies the Applicable or Relevant and Appropriate Requirements (ARARs) for the remediation and associated activities at this RAA, describes future design-related activities, and describes the anticipated contents of the Final RD/RA Work Plan.

5.2 Preliminary Design Information

In general, the remediation activities for East Street Area 2-South will be implemented in accordance with GE's *Construction Quality Assurance Plan* (CQAP), which is part of GE's *Project Operations Plan* (POP). The POP was most recently submitted to EPA in July 2003, incorporating modifications previously approved by EPA. The CQAP contains several technical specifications, which will serve as the basis for the performance of the removal actions at East Street Area 2-South, with appropriate modifications and/or supplements as necessary.

With respect to soil removal/replacement, installation of enhanced pavement, and installation of the engineered barrier, GE has conducted numerous response actions of similar scope and complexity. It is anticipated that similar excavation/construction equipment and methods will be utilized for the response actions at East Street Area 2-South.

With respect to soil removal/replacement, to the extent relevant, the technical specifications contained in the CQAP relating to soil materials and to topsoil, seeding, and mulch will be followed in the performance of these actions, with modifications and/or supplements as needed. Further, potential sources of backfill and soil cover material will be identified and characterized in accordance with GE's *Soil Cover/Backfill Characterization Plan*, which is also part of the POP.

Enhanced pavement and engineered barrier installation activities will comply with the general requirements for such enhanced pavement and engineered barriers set forth in Attachment G to the SOW. Further, technical specifications for several components of the engineered barrier (e.g., impermeable geomembrane and geosynthetic drainage composite) are included in the CQAP. Additional design information relating to the enhancement of pavement and construction of engineered barriers will be presented in the Final RD/RA Work Plan.

Finally, Figure 5-1 shows the groundwater monitoring wells and other groundwater-related control wells and structures present within the East Street Area 2-South RAA. As shown on that figure, the area that will be subject to an engineered barrier contains a number of groundwater monitoring wells. During the final design process, GE will identify the monitoring wells that need to be retained for long-term groundwater monitoring and ongoing NAPL collection/recovery operations following performance of the proposed remediation. GE will develop plans for construction/installation of enhanced pavement and/or engineered barrier in proximity to these wells and for the proper abandonment of the monitoring wells that will no longer be necessary to support the long-term monitoring and ongoing NAPL collection/recovery operations.

5.3 Natural Resource Restoration/Enhancement (NRR/E) Activities

As discussed above, the CD and SOW require GE to implement a number of NRR/E activities at the RRZ in accordance with the Performance Standards and other requirements set forth in the CD and SOW. GE will implement the following NRR/E measures within the RRZ (Averaging Area 4E) in accordance with the applicable Performance Standards and requirements set out in Attachment I to the SOW:

- GE will plant a variety of herbaceous species that will develop into native grassland that can provide a habitat for a variety of small mammals and birds without interfering with the integrity of the engineered barrier (where present). The grassland species to be used in the plantings will include a mixture of native warm-season grass and wildflower species, such as big bluestem (*Andropogon gerardi*), little bluestem

(*Andropogon scoparius*), indian grass (*Scorghastrum nutans*), wild blue lupine (*Lupinus perennis*), Canada wild-rye (*Elymus canadensis*), Canada goldenrod (*Solidago Canadensis*), common milkweed (*Asclepias syriaca*), beard tongue (*Pestamon digitalis*), grass-leaved goldenrod (*Euthamia graminifolia*), blue verain showy tick-trefoil (*Desmodium canadense*), roundhead blush clover (*Lespidesa capitata*), and wild bergamont (*Monarada fistulosa*). To ensure soil stability and prevent erosion, a nurse crop of annual rye-grass (*Lolium temulentum*) will be added to the seed mixture. The seed mixture will be seeded at a rate of 25 pounds per acre.

- Consistent with a June 10, 2005 letter from the Commonwealth of Massachusetts to GE regarding NRR/E activities previously proposed for the Newell Street Area II parking lot area, GE does not anticipate placing uncontaminated stumps and rock piles randomly throughout the portion of the RRZ subject to installation of a vegetative engineered barrier. Rather, GE proposes to place these materials only within the portions of the RRZ that will not be subject to installation of an engineered barrier.

- GE will also place bluebird boxes along the edges of the RRZ adjacent to the Housatonic River, with a minimum distance of 300 yards between boxes.

Section 7.0 of Attachment I to the SOW provides general specifications that will be followed for all plantings to be conducted as part of habitat restoration/enhancement activities within the RRZ. Finally, Section 8.0 of Attachment I to the SOW requires that GE monitor, inspect, and maintain the plantings and structures in accordance with the Performance Standards and other requirements specified therein. Further details regarding the procedures for the planting and other NRR/E activities, as well as a plan for future monitoring, inspection, and maintenance activities associated with those activities at the RRZ, will be provided in the Final RD/RA Work Plan.

5.4 Flood Storage Compensation

Each of the averaging areas at East Street Area 2-South is located (in part or entirely) within the 100-year floodplain of the Housatonic River (which is situated at an elevation of approximately 990.5 feet above mean sea level in the vicinity of this RAA). As part of the design activities (discussed in Section 5.6 of this Conceptual Work Plan), GE will consider the net effect that the remediation and associated activities for East Street Area 2-South will have on the existing Housatonic River flood storage capacity. For the soil removal/replacement activities, it is expected that the excavation and backfill/restoration activities will be

conducted in such a manner as to re-establish the same general ground surface and topography of the affected areas, so that there would be no or minimal net change in flood storage capacity for these actions.

With respect to the performance of pavement enhancement activities and installation of engineered barrier, GE currently plans to offset any decrease in flood storage capacity through gains in flood storage capacity resulting from other projects in this general vicinity – e.g., the Upper ½-Mile Reach Removal Action, removal of buildings and pavement within the 100-year floodplain at the East Street Area 2-South RAA or at Newell Street Area I, and/or other actions in the relevant floodplain stretch that will result in a comparable gain in flood storage capacity. Toward that end, GE discussed with EPA during a November 16, 2005 technical meeting in Pittsfield, Massachusetts regarding GE's assessment of impacts to the flood storage volume resulting from removal actions and demolition activities performed to date within the 100-year floodplain of the Housatonic River. In the Final RD/RA Work Plan, GE will revise its assessment to provide specific calculations regarding the volume of flood storage capacity that will be lost due to performance of pavement enhancement activities and installation of engineered barrier at East Street Area 2-South.

5.5 Identification of ARARs

The remediation and associated activities to be conducted at East Street Area 2-South will be subject to several ARARs. Attachment B to the SOW identifies the chemical-, action-, and location-specific ARARs for the Removal Actions Outside the River. As noted above, the Removal Action for East Street Area 2-South includes soil removal/replacement, pavement enhancement, installation of an engineered barrier, and implementation of the required NRR/E activities. As shown on Figure 4-1, the majority of these activities will be performed within the 100-year floodplain of the Housatonic River. In these circumstances, the East Street Area 2-South Removal Action and associated activities will be subject to the following ARARs identified in Attachment B to the SOW: the action-specific ARARs identified in Table 2, subsection B ("Soil Removal"), subsection C ("Surface Cover Activities"), subsection G ("NRR/E Activities"), and potentially subsection K ("Other"); and the location-specific ARARs identified in Table 3, subsection B ("Floodplains, Wetlands, and Banks"). Further, if excavation activities at East Street Area 2-South involve the removal and on-site storage (at the GE Plant Area) of free product, intact drums, and/or other materials that cannot be consolidated at GE's On-Plant Consolidation Areas (OPCAs), and thus will be subsequently disposed of off-site, the ARARs identified in Table 2, subsection H ("Temporary On-Site Storage of Free Product, Drums, and Equipment That Will Be Disposed of Off-Site") of Attachment B to the SOW will apply to such storage. GE has not determined the disposition location for the excavated materials (i.e., GE's OPCAs or appropriate off-site disposal facilities). Depending on the selected

disposition, the transportation and disposition of such materials would likely be subject to additional ARARs. Additional details regarding the selected disposition location(s) and the applicable ARARs will be provided in the Final RD/RA Work Plan. Finally, all identified ARARs will be considered and incorporated in the final design of the East Street Area 2-South Removal Action.

5.6 Future Design-Related Activities

This Conceptual Work Plan has identified the areas and depths subject to remediation within East Street Area 2-South. Based on this information, GE will proceed with detailed and final design activities to support the performance of these response actions. Specifically, as part of the final design activities, GE will develop final plans related to soil removal/replacement, as well as construction and maintenance of the pavement enhancements and engineered barriers. Further, GE will prepare technical drawings and specifications for such activities, select a Remediation Contractor, and develop ancillary information related to project implementation. These activities will be conducted in the course of preparing a Final RD/RA Work Plan and are further discussed below.

5.6.1 Final Removal Limits

As part of final design activities, GE will develop the final limits for the soil removals, pavement enhancement, and installation of engineered barrier at East Street Area 2-South. As indicated by review of the removal limits shown on Figure 4-1, the maximum depth of the planned excavations is generally 3 feet. Therefore, the stability of the excavations is not expected to present a problem. In addition, the final soil removal, limits of pavement enhancement, and engineered barrier limits may be adjusted to address constructability issues.

5.6.2 Technical Plans and Specifications

For the construction-related removal actions (i.e., soil removal/replacement, pavement enhancement, and engineered barrier installation), technical plans and specifications will be developed as a component of the Final RD/RA Work Plan. These plans and specifications will define the acceptable construction materials and equipment to be used in these actions, as well as specific procedures to be used and expected performance of the Remediation Contractor. As discussed in Section 5.2, those plans and specifications will be based, to the extent

relevant, on the technical specifications provided in the CQAP, with modifications and/or supplements as necessary or appropriate.

5.6.3 Implementation Planning

The plans contained in GE's POP describe the minimum requirements, general activities, protocols, and methodologies that are applicable to the Removal Actions Outside the River. While the contents of the POP provide information and details sufficient to support various aspects of the removal actions, there are several instances where the POP requires more site-specific information. Several such items are listed below and will be incorporated in the final technical design or otherwise addressed in the Final RD/RA Work Plan as appropriate:

- Contractor Health and Safety Plan;
- Contractor Contingency and Emergency Procedures Plan;
- Identification of backfill material and soil cover sources;
- Incorporation of appropriate geotechnical information into the technical design for the construction of the engineered barrier;
- Locations and scope of ambient air monitoring activities during construction activities;
- Evaluation of materials subject to disposition, in accordance with the *Waste Characterization Plan* (part of the POP);
- Identification of the specific plant mixtures and other materials to be used in the NRR/E activities, and the methods for placement of those materials; and
- Organizations, roles, and responsibilities involved in construction quality assurance.

Additional information to be included in the Final RD/RA Work Plan, as required in Section 3.4 of the SOW, is presented below in Section 5.7.

5.7 Contents of Final RD/RA Work Plan

As discussed in Section 6, following EPA approval of this Conceptual Work Plan, GE will submit a Final RD/RA Work Plan which will include a detailed description regarding design and implementation of the proposed remediation activities. That plan will also include the following information:

- Final limits and depths for the soil removals, performance of pavement enhancement, and engineered barrier installation, as well as conversion of the removal depths to elevations;

- Detailed design of the soil removal/replacement/restoration activities and installation of pavement enhancements and engineered barriers, including the design-related information described in Sections 5.6.2 and 5.6.3;

- Procedures for planting and other NRR/E activities in the RRZ;

- Specific calculations regarding the amount of flood storage compensation required to offset the loss of flood storage capacity due to installation of pavement enhancements in Averaging Area 4B and the vegetative engineered barrier in the RRZ, as discussed in Section 5.4;

- Description of other implementation details concerning performance of these actions, including the items described in Section 5.6.4;

- Description, as necessary, of the procedures to be implemented to ensure attainment of the ARARs (identified in Section 5.5);

- Identification of the Removal Action team, including key personnel, roles and responsibilities, and lines of authority;

- Proposed implementation schedule;

- Any necessary updates or supplements to the CQAP;
- Post-Removal Site Control Plan;
- A monitoring, inspection, and maintenance plan for the NRR/E activities to be performed at the RRZ; and
- Summary of project closeout requirements.

6. Schedule

GE proposes to complete the remaining design-related activities and submit the Final RD/RA Work Plan for East Street Area 2-South within 6 months of EPA approval of this Conceptual Work Plan.

Figures

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

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND & BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.

0 500' 1000'
APPROXIMATE SCALE

X: 10111X10.DWG
L: ON=*, OFF=REF
P: PAGSET/PLT-DL2B
1/4/06 SYR-85-DMW
N/10111005/CONCEPT/10111B01.DWG

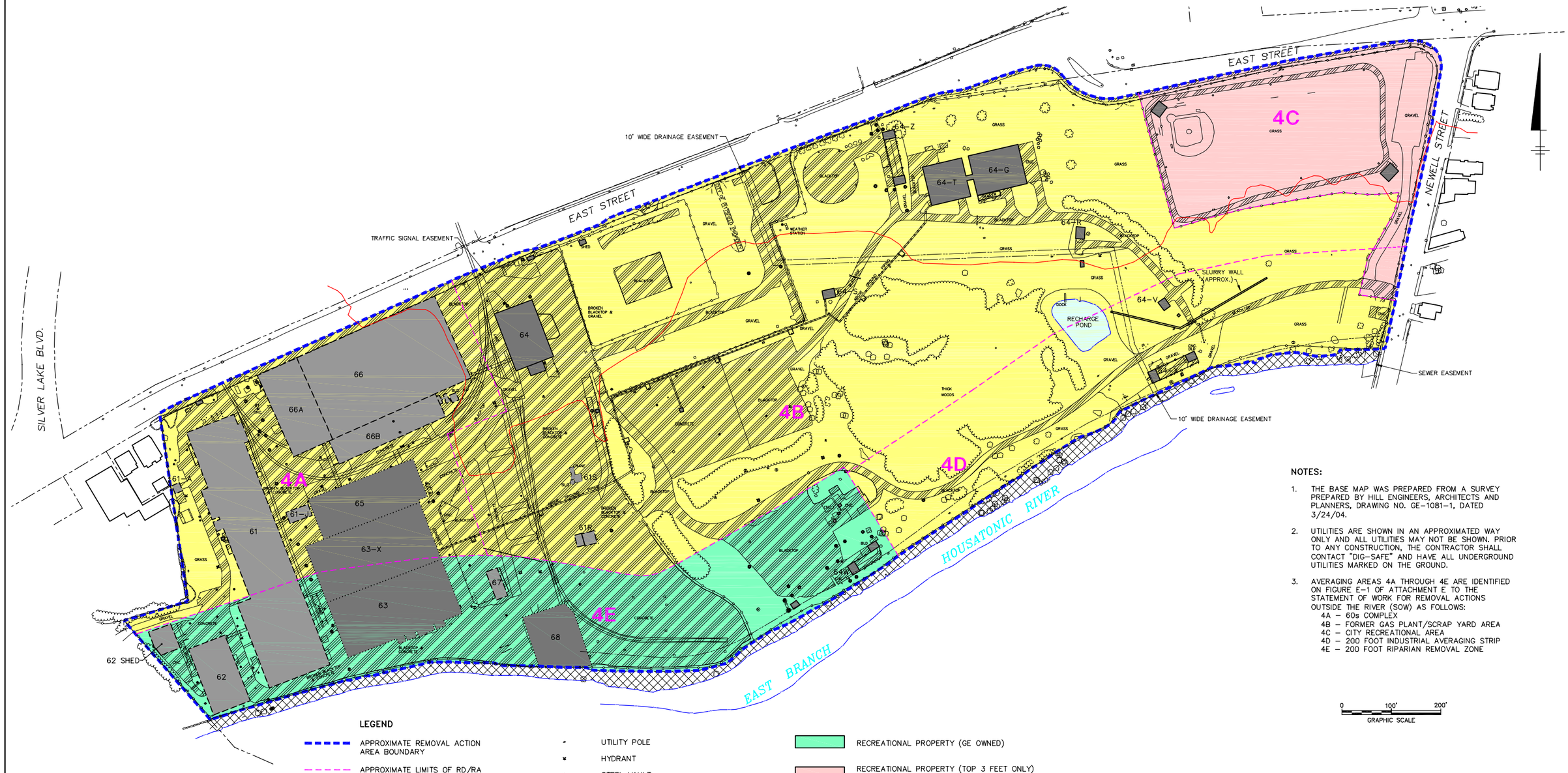
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH RAA

REMOVAL ACTION AREA

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

FIGURE
1-1



NOTES:

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.
3. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:
   - 4A – 60s COMPLEX
   - 4B – FORMER GAS PLANT/SCRAP YARD AREA
   - 4C – CITY RECREATIONAL AREA
   - 4D – 200 FOOT INDUSTRIAL AVERAGING STRIP
   - 4E – 200 FOOT RIPARIAN REMOVAL ZONE

0 100' 200'
GRAPHIC SCALE

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- LINE DIVIDING SUBSURFACE INCREMENTS BETWEEN AVERAGING AREAS 4B AND 4D
- PROPERTY LINE
- EASEMENT LINE
- EDGE OF WATER
- STONE WALL
- CHAIN LINK FENCE
- RETAINING WALL
- RAILROAD TRACKS
- TREELINE
- SHRUB
- UTILITY POLE
- HYDRANT
- STEEL VAULT
- ELECTRIC TRANSFORMER
- LIGHT
- CATCH BASIN
- BOLLARD
- BUILDING
- DEMOLISHED BUILDING
- BUILDING SUBJECT TO FUTURE DEMOLITION
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- RECREATIONAL PROPERTY (GE OWNED)
- RECREATIONAL PROPERTY (TOP 3 FEET ONLY) (GE OWNED)
- COMMERCIAL/INDUSTRIAL PROPERTY (GE OWNED)
- PAVED AREA
- 100-YEAR FLOODPLAIN BOUNDARY

X: 10111X05.DWG
L: ON=*, OFF=REF*
P: PAGESET/SYR-DL
1/4/06 SYR-85-DMW KMD DMW
N/10111005/CONCEPT/10111B02.DWG

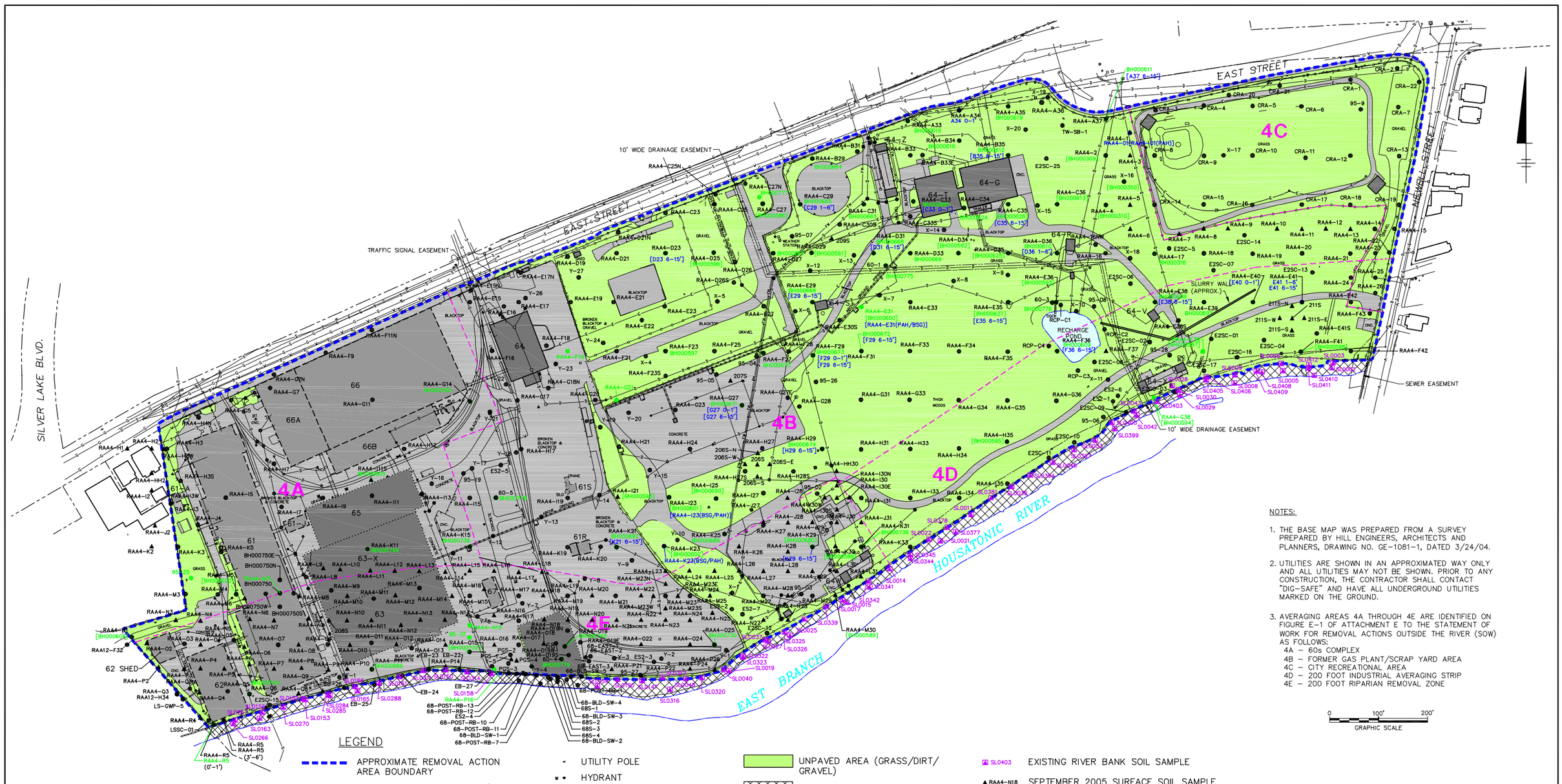
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH

SITE PLAN

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

FIGURE 1-2



NOTES:

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
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   - 4A – 60s COMPLEX
   - 4B – FORMER GAS PLANT/SCRAP YARD AREA
   - 4C – CITY RECREATIONAL AREA
   - 4D – 200 FOOT INDUSTRIAL AVERAGING STRIP
   - 4E – 200 FOOT RIPARIAN REMOVAL ZONE

0 100' 200'
GRAPHIC SCALE

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- LINE DIVIDING SUBSURFACE INCREMENTS BETWEEN AVERAGING AREAS 4B AND 4D
- PROPERTY LINE
- EASEMENT LINE
- EDGE OF WATER
- STONE WALL
- CHAIN LINK FENCE
- RETAINING WALL
- RAILROAD TRACKS
- TREELINE
- SHRUB
- UTILITY POLE
- HYDRANT
- STEEL VAULT
- ELECTRIC TRANSFORMER
- LIGHT
- CATCH BASIN
- BOLLARD
- BUILDING
- DEMOLISHED BUILDING
- BUILDING SUBJECT TO FUTURE DEMOLITION
- PAVED AREA (ASPHALT/ CONCRETE)
- UNPAVED AREA (GRASS/DIRT/ GRAVEL)
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- FM — FORCE MAIN
- G — GAS SERVICE
- S — SANITARY SEWER
- W — WATER SERVICE
- D — DRAIN LINE
- ▲ RAA4-6 SURFACE SOIL SAMPLE LOCATION (0– TO 1– FOOT SAMPLE DEPTH)
- ● E2SC-06 SOIL BORING LOCATION (1– FOOT OR GREATER SAMPLE DEPTH)
- SL0403 EXISTING RIVER BANK SOIL SAMPLE
- ▲ RAA4-N18 SEPTEMBER 2005 SURFACE SOIL SAMPLE LOCATION (0– TO 1– FOOT SAMPLE DEPTH)
- ● RAA4-N17 SEPTEMBER 2005 SOIL BORING LOCATION (1– FOOT OR GREATER SAMPLE DEPTH)
- ▲ BH000605 EPA SURFACE SOIL SAMPLE LOCATION (0– TO 1–FOOT SAMPLE DEPTH)
- ● BH000739 EPA SOIL BORING
- ● A34 0–1' BERKSHIRE GAS SOIL BORING LOCATION
- [BH000587] EPA SPLIT SAMPLE IDENTIFICATION
- [G27 0–1'] BERKSHIRE GAS SPLIT SAMPLE IDENTIFICATION

X: 10111X05, X77.DWG
L: ON=*, OFF=REF
P: PAGESET/SYR-85-DMW TJR DMW
1/4/06 SYR-85-DMW TJR DMW
N/10111005/CONCEPT/10111B23.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2–SOUTH RAA

SOIL SAMPLE LOCATIONS

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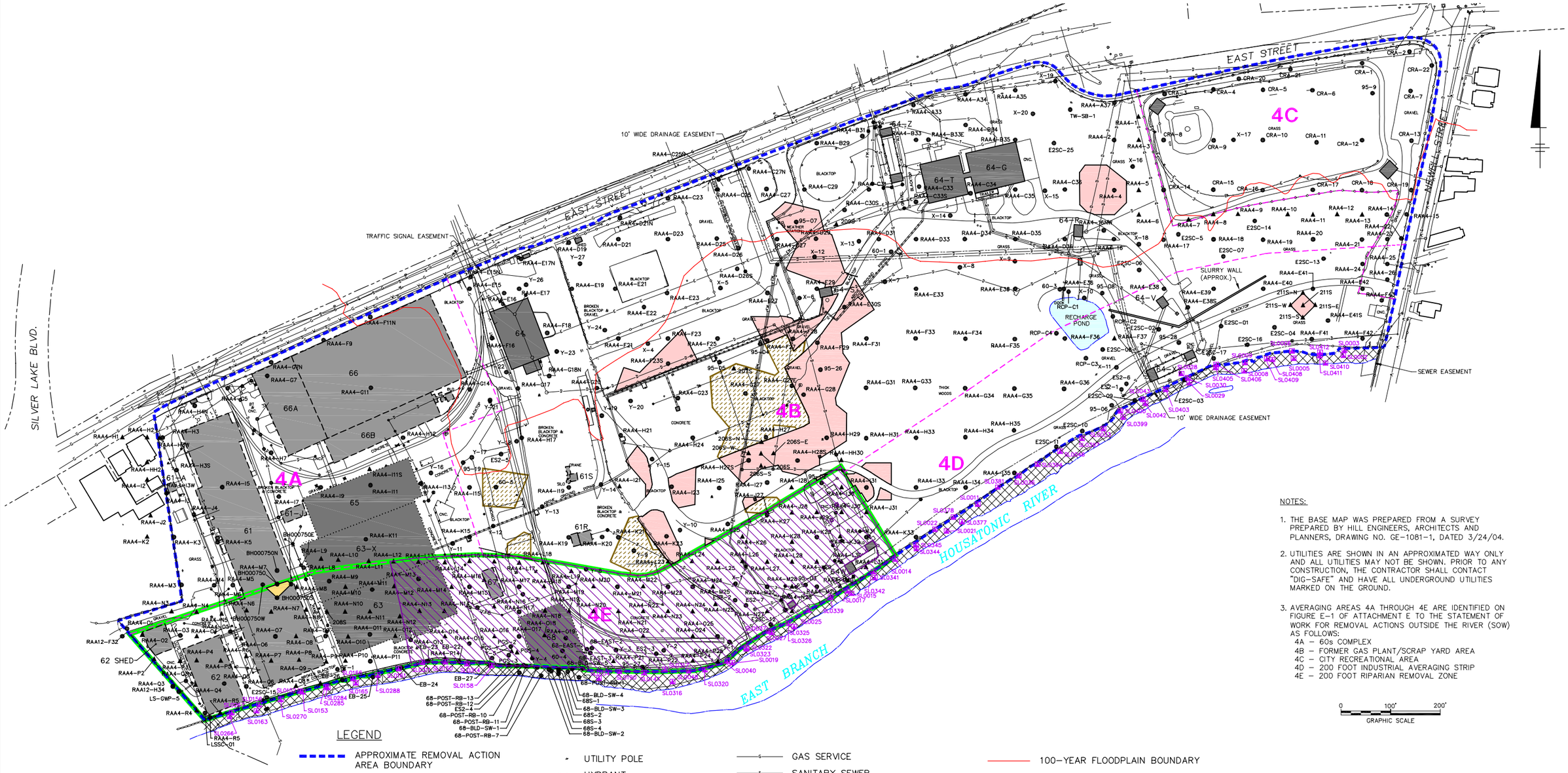
FIGURE
2-1



NOTES:

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   - 4E – 200 FOOT RIPARIAN REMOVAL ZONE

0 100' 200'
GRAPHIC SCALE

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- LINE DIVIDING SUBSURFACE INCREMENTS BETWEEN AVERAGING AREAS 4B AND 4D
- PROPERTY LINE
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- EDGE OF WATER
- STONE WALL
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- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- GAS SERVICE
- SANITARY SEWER
- WATER SERVICE
- FORCE MAIN
- DRAIN LINE
- RAA4-6 SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- SL0403 EXISTING RIVER BANK SOIL SAMPLE
- RAA4-N18 SEPTEMBER 2005 SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- RAA4-N17 SEPTEMBER 2005 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- 100-YEAR FLOODPLAIN BOUNDARY
- AREA SUBJECT TO 1-FOOT REMOVAL IN ACCORDANCE WITH THE SOW
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL (BELOW SLAB AND SUB-BASE)
- ENHANCED PAVEMENT
- VEGETATIVE ENGINEERED BARRIER

X: 10111X05, X06, X77.DWG
L: ON=*, OFF=REF
P: PAGESET/SYR-DL
1/4/06 SYR-85-DMW TJR DMW
N/10111005/CONCEPT/10111B31.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH RAA

PRELIMINARY SOIL - RELATED RESPONSE ACTIONS

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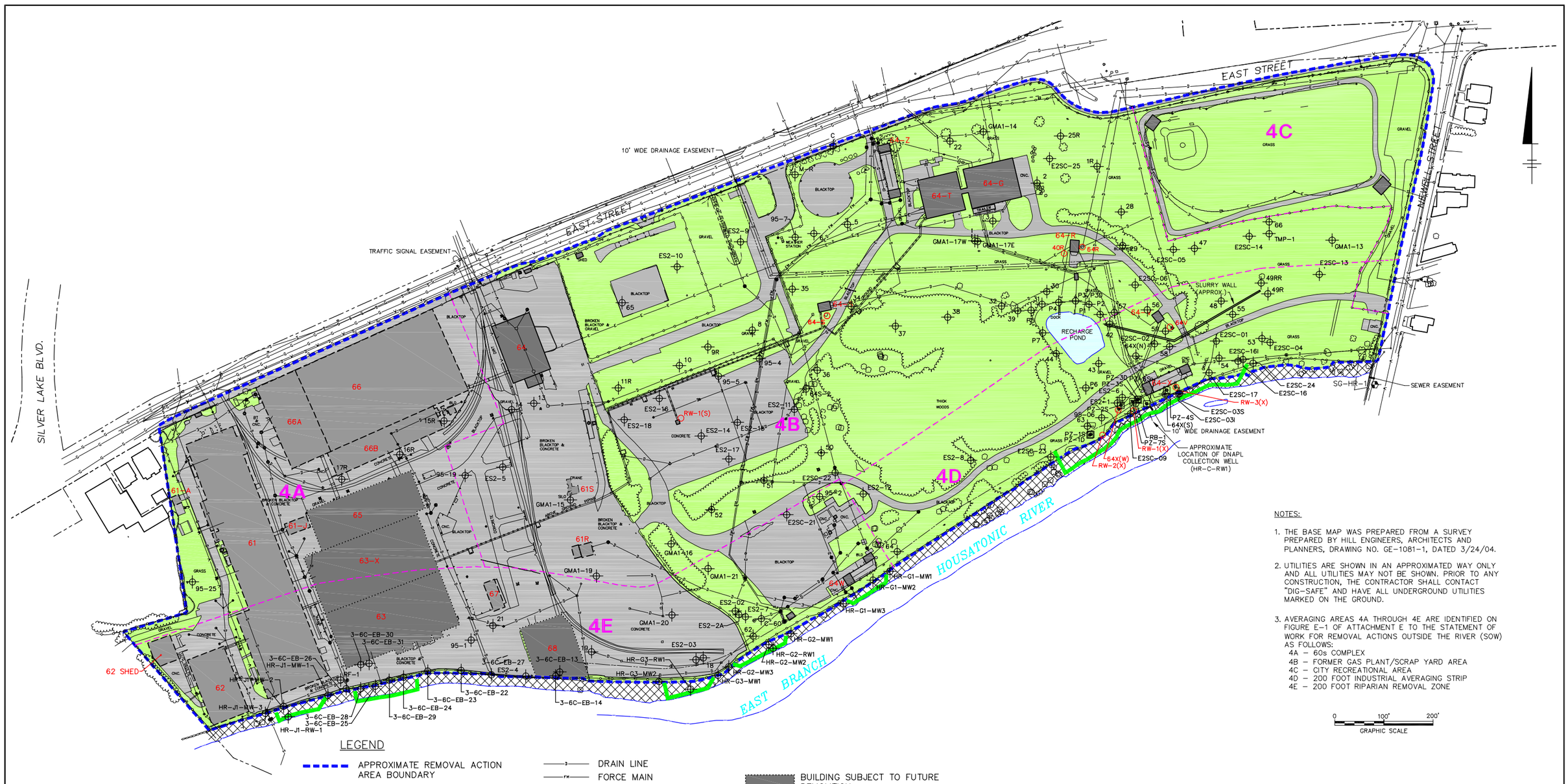
FIGURE
4-1



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- LINE DIVIDING SUBSURFACE INCREMENTS BETWEEN AVERAGING AREAS 4B AND 4D
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- UNPAVED AREA (GRASS/DIRT/ GRAVEL)
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- 43 MONITORING WELL
- PZ-6S PIEZOMETER
- 64V OIL RECOVERY CAISSON
- RW-1(X) ACTIVE PUMPING WELL
- SHEETPILE CONTAINMENT BARRIER

NOTES:

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   - 4E – 200 FOOT RIPARIAN REMOVAL ZONE

0 100' 200'
GRAPHIC SCALE

X: 10111X05, X77.DWG
L: ON=*, OFF=REF
P: PAGESET/SYR-DL
1/4/06 SYR-85-DMW TJR DMW
N/10111005/CONCEPT/10111B05.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH

GROUNDWATER RELATED COMPONENTS AT EAST STREET AREA 2-SOUTH

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FIGURE
5-1

Appendices

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engineers, scientists, economists

Appendix A

Data Validation Report – September 2005

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

APPENDIX A
SOIL SAMPLING DATA VALIDATION REPORT

EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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 supplemental investigation activities conducted at the East Street Area 2 – South Removal Action Area (RAA) located 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 (Appendix IX+3), by SGS Environmental Services, Inc. (formerly CT&E) of Charleston, West Virginia. Data validation was performed for 60 polychlorinated biphenyl (PCB) samples, 19 volatile organic compound (VOC) samples, 35 semi-volatile organic compound (SVOC) samples, 27 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 17 metals samples, and 17 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This attachment 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 A-1. Each sample subjected to evaluation is listed in Table A-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 A-1 for consistency with documents previously prepared for investigations conducted at this RAA.

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 A-1 for consistency with documents previously prepared for investigations conducted at this RAA.

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.

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 91% 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 FSP/QAPP. 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	14	0	1	38	3	4	60
VOCs	0	0	0	15	1	3	19
SVOCs	0	0	0	31	2	2	35
PCDDs/PCDFs	0	0	0	23	2	2	27
Metals	0	0	0	15	1	1	17
Cyanide/Sulfide	0	0	0	15	1	1	17
Total	**14**	**0**	**1**	**137**	**10**	**13**	**175**

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
SVOCs	Safrole	23	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 did not meet the 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	8	J
	Acetonitrile	7	J
	Acrolein	11	J
SVOCs	4-Nitroquinoline-1-oxide	25	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).

The 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 detect and non-detect compounds with %RSD values greater than 30% were qualified as estimated (J). The compound that exceeded the initial calibration criterion and the number of samples qualified due those exceedances are presented in the following table.

Compounds Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Hexachlorophene	23	J

The 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 compound that did not meet the initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compound Qualified Due to Initial Calibration Correlation Coefficients Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Benzidine	23	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% and less than 30% for PCDDs/PCDFs. 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	1,1,2,2-Tetrachloroethane	2	J
	1,2,3-Trichloropropane	1	J
	1,2-Dibromo-3-chloropropane	4	J
	1,4-Dioxane	6	J
	2-Butanone	2	J
	Acetone	6	J
	Acetonitrile	4	J
	Acrolein	7	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs (continued)	Acrylonitrile	2	J
	Carbon Disulfide	3	J
	Chloromethane	1	J
	Dibromochloromethane	4	J
	Dichlorodifluoromethane	7	J
	Isobutanol	3	J
	Methacrylonitrile	3	J
	Propionitrile	2	J
	Trichlorofluoromethane	1	J
	Vinyl Acetate	2	J
	Vinyl Chloride	4	J
	Xylenes (total)	4	J
SVOCs	1,3,5-Trinitrobenzene	15	J
	1,3-Dinitrobenzene	6	J
	2,3,4,6-Tetrachlorophenol	9	J
	2,4-Dimethylphenol	9	J
	2,4-Dinitrophenol	4	J
	2,6-Dichlorophenol	18	J
	2-Acetylaminofluorene	4	J
	2-Naphthylamine	4	J
	4,6-Dinitro-2-methylphenol	3	J
	4-Aminobiphenyl	4	J
	4-Nitrophenol	14	J
	4-Nitroquinoline-1-oxide	17	J
	4-Phenylenediamine	4	J
	a,a'-Dimethylphenethylamine	21	J
	Acetophenone	7	J
	Aniline	25	J
	Aramite	25	J
	Benzidine	22	J
	Benzo(k)fluoranthene	8	J
	bis(2-Chloroisopropyl)ether	13	J
	Diallate	4	J
	Ethyl Methanesulfonate	15	J
	Hexachlorobenzene	23	J
	Hexachlorocyclopentadiene	10	J
	Hexachlorophene	36	J
	Hexachloropropene	25	J
	Isosafrole	35	J
	Methapyrilene	7	J
	Methyl Methanesulfonate	8	J
	N-Nitroso-di-n-butylamine	32	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs (continued)	N-Nitrosodiethylamine	1	J
	N-Nitrosomethylethylamine	11	J
	N-Nitrosopiperidine	28	J
	N-Nitrosopyrrolidine	1	J
	Pentachlorobenzene	4	J
	Pyridine	8	J
	Safrole	4	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80% and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries were outside the 80% to 120% control limits, the affected samples with detected results at or near the PQL concentration (i.e., less than three times the PQL) were qualified as estimated (J). The analytes that did not meet 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	Selenium	10	J
	Thallium	9	J

Blank action levels for organic compounds and inorganic analytes detected in the blanks were calculated at five times the blank concentrations (blank action levels were calculated at 10 times the blank concentration for common laboratory contaminants). Detected sample results that were below the blank action level were qualified with a "U." The analytes 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 Qualified Due to Blank Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Cadmium	3	U
	Cyanide	1	U
	Tin	8	U

Matrix spike/Matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organic analysis require that the MS/MSD recoveries be within the laboratory-generated QC acceptance limits specified on the MS reporting form and inorganics MS/MSD recoveries must be within 75% to 125%. Organic and inorganic sample results associated with MS/MSD recoveries less than the specified control limit, but greater than 10% and 30%, respectively, were qualified as estimated (J). Organic non-detect sample results that exceeded these limits and had MS/MSD recoveries less than 10% were qualified as rejected (R). The compounds/analytes that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds/Analytes Qualified Due to MS/MSD Recovery Deviations

Analysis	Compound/Analyte	Number of Affected Samples	Qualification
VOCs	Trichloroethene	1	J
SVOCs	N-Nitroso-di-n-propylamine	1	J
	Pentachlorophenol	1	J
	1,4-Dichlorobenzene	2	J
	4-Chloro-3-Methylphenol	1	J
	4-Nitrophenol	1	R
	Acenaphthene	1	J
	Pyrene	1	J
Inorganics	Antimony	3	J
	Barium	3	J
	Copper	3	J
	Mercury	3	J
	Sulfide	3	J

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD 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
VOCs	Trichloroethene	1	J
SVOCs	1,4-Dichlorobenzene	2	J
	4-Chloro-3-Methylphenol	1	J
	Acenaphthene	1	J
	N-Nitroso-di-n-propylamine	1	J
	Pyrene	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 all of the VOC surrogate compounds must have a recovery between laboratory-specified control limits. Associated sample results were qualified as estimated (J) for all compounds when surrogate recovery criteria were outside control limits and greater than 10%. Associated non-detect sample results with surrogate recoveries less than 10% were qualified as rejected (R). 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
SVOCs	All Surrogate Recovery Acid compounds	1	R
	All Surrogate Recovery Base-neutral compounds	1	J

Internal standard compounds for VOCs 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. Sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%. Compounds associated with internal standards which exceeded 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 Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Fluoranthene	1	J
	Phenanthrene	1	J

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 analytes that did not meet ICP serial dilution requirements and the number of samples qualified due to those requirements are presented in the following table.

Analytes Qualified Due to ICP Serial Dilution Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Barium	3	J
	Chromium	3	J
	Cobalt	3	J
	Copper	3	J
	Lead	3	J
	Nickel	3	J
	Zinc	3	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. Detected 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 Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Lead	3	J
	Nickel	3	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 compounds/analytes that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Compounds/Analytes Qualified Due to Field Duplicate Deviations

Analysis	Compound/Analyte	Number of Affected Samples	Qualification
PCBs	Aroclor-1254	2	J
	Aroclor-1260	2	J
	Total PCBs	2	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	2	J
	1,2,3,4,6,7,8-HpCDF	2	J
	1,2,3,4,7,8,9-HpCDF	2	J
	1,2,3,4,7,8-HxCDD	2	J
	1,2,3,4,7,8-HxCDF	2	J
	1,2,3,6,7,8-HxCDF	2	J
	1,2,3,7,8-PeCDF	2	J
	HpCDDs (total)	2	J
	HpCDFs (total)	2	J
	OCDF	2	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	99.6	A total of 16 sample results were rejected due to surrogate recovery deviations. A total of 1 sample result was rejected due to MS/MSD % recovery deviation.
PCBs	100	None
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, 0.09% of the data required qualification due to laboratory duplicate RPD deviations, 0.40% of the data required qualification due to field duplicate RPD deviations, 0.11% of the data required qualification due to MS/MSD RPD deviations and 0.32% 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, LCSs, MS/MSD samples, and surrogate compound recoveries. For this analytical program, 10.3% of the data required qualification due to instrument calibration deviations, 0.03% of the data required qualification due to internal standards deviations, 0.37% of the data required qualification due to MS/MSD recovery deviations, and 1.8% 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 Agency-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, none of the data required qualification due to 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-846[1] 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 98.9% to 100% for individual analytical parameters and had an overall usability of 99.6%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for one SVOC due to low a MS/MSD recovery sample location RAA4-O22 (0 - 1). Resampling at this location is not recommended since duplicate analysis of the MS has demonstrated matrix interference and the same analytical performance limitations for the analysis could occur again; therefore, resampling at this location is not recommended.

The rejected sample data for these investigations include sample analyses results for 16 SVOCs for sample location RAA4-N4 (0 - 1) due to surrogate recoveries. Resampling at this location is not recommended since duplicate analysis of the sample location has demonstrated matrix interference and the same analytical performance limitations for the analysis could occur again; therefore, resampling at this location is not recommended.

[1] Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
PCBs											
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RB-091305	9/13/2005	Water	Tier II	No						
5I0P262	RAA4-HH30 (0 - 1)	9/12/2005	Soil	Tier I	No						
5I0P262	RAA4-I28 (0 - 1)	9/12/2005	Soil	Tier I	No						
5I0P262	RAA4-K26 (0 - 1)	9/12/2005	Soil	Tier I	No						
5I0P262	RAA4-L25 (0 - 1)	9/12/2005	Soil	Tier I	No						
5I0P262	RAA4-N27 (0 - 1)	9/12/2005	Soil	Tier I	No						
5I0P262	RB-091205	9/12/2005	Water	Tier I	No						
5I0P312	RAA4-N3 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P312	RB-091405	9/14/2005	Water	Tier II	No						
5I0P335	RAA4-N23 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-N24 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-N25 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-O24 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-P25 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P358	RAA4-DUP#1 (0 - 1)	9/16/2005	Soil	Tier II	No						RAA4-L23
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	No						RAA4-O18
5I0P358	RAA4-L23 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-M22 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-N18 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-N21 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-N22 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	No						
5I0P398	RAA4-E15N (1 - 6)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-E17N (1 - 6)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-L10 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-L19 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-L9 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-M18 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N17 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N17 (1 - 3)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N17 (3 - 6)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N20 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-P22 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P441	RAA4-C25N (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-C27N (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-D21N (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-D26 (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-F11N (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-F9 (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-G23 (3 - 6)	9/21/2005	Soil	Tier I	No						
5I0P441	RAA4-G7N (1 - 6)	9/21/2005	Soil	Tier I	No						
5I0P489	RAA4-16NW (1 - 6)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-G27E (1 - 6)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-H4N (1 - 6)	9/23/2005	Soil	Tier II	No						
5I0P512	RAA4-DUP-3 (0 - 1)	9/26/2005	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	75.3%	<50%	7.7 J	RAA4-P21
						Aroclor-1260	Field Duplicate RPD (Soil)	93.7%	<50%	9.6 J	
						Total PCBs	Field Duplicate RPD (Soil)	85.2%	<50%	17.3 J	
5I0P512	RAA4-M20 (0 - 1)	9/26/2005	Soil	Tier II	No						
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	75.3%	<50%	17 J	
						Aroclor-1260	Field Duplicate RPD (Soil)	93.7%	<50%	26 J	
						Total PCBs	Field Duplicate RPD (Soil)	85.2%	<50%	43 J	
5I0P512	RB-092605-1	9/26/2005	Water	Tier II	No						
5I0P583	RAA4-L24 (0 - 1)	9/28/2005	Soil	Tier I	No						

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
Metals											
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	Yes	Selenium	CRDL Standard %R	76.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	78.4%	80% to 120%	2.60 J	
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	Yes	Selenium	CRDL Standard %R	76.5%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	78.4%	80% to 120%	1.30 J	
						Tin	Method Blank	-	-	ND(10)	
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	Yes	Selenium	CRDL Standard %R	51.3%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	78.4%	80% to 120%	2.60 J	
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Antimony	MS %R	63.0%	75% to 125%	2.90 J	RAA4-O18
						Barium	MS %R	52.1%	75% to 125%	44.0 J	
						Barium	Serial Dilution	79.7%	<10%	44.0 J	
						Chromium	Serial Dilution	79.5%	<10%	23.0 J	
						Cobalt	Serial Dilution	79.3%	<10%	8.80 J	
						Copper	MS %R	44.5%	75% to 125%	620 J	
						Copper	Serial Dilution	79.8%	<10%	620 J	
						Lead	Laboratory Duplicate RPD (Soil)	94.6%	<35%	590 J	
						Lead	Serial Dilution	78.9%	<10%	590 J	
						Mercury	MS %R	275.0%	80% to 120%	1.20 J	
						Nickel	Laboratory Duplicate RPD (Soil)	35.8%	<35%	22.0 J	
						Nickel	Serial Dilution	79.3%	<10%	22.0 J	
						Selenium	CRDL Standard %R	51.3%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	78.4%	80% to 120%	1.60 J	
						Zinc	Serial Dilution	78.8%	<10%	430 J	
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Antimony	MS %R	63.0%	75% to 125%	2.90 J	
						Barium	MS %R	52.1%	75% to 125%	45.0 J	
						Barium	Serial Dilution	79.7%	<10%	45.0 J	
						Chromium	Serial Dilution	79.5%	<10%	16.0 J	
						Cobalt	Serial Dilution	79.3%	<10%	13.0 J	
						Copper	MS %R	44.5%	75% to 125%	530 J	
						Copper	Serial Dilution	79.8%	<10%	530 J	
						Lead	Laboratory Duplicate RPD (Soil)	94.6%	<35%	520 J	
						Lead	Serial Dilution	78.9%	<10%	520 J	
						Mercury	MS %R	275.0%	80% to 120%	1.40 J	
						Nickel	Laboratory Duplicate RPD (Soil)	35.8%	<35%	22.0 J	
						Nickel	Serial Dilution	79.3%	<10%	22.0 J	
						Selenium	CRDL Standard %R	51.3%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	78.4%	80% to 120%	2.20 J	
						Zinc	Serial Dilution	78.8%	<10%	350 J	
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Antimony	MS %R	63.0%	75% to 125%	11.0 J	
						Barium	MS %R	52.1%	75% to 125%	170 J	
						Barium	Serial Dilution	79.7%	<10%	170 J	
						Chromium	Serial Dilution	79.5%	<10%	66.0 J	
						Cobalt	Serial Dilution	79.3%	<10%	110 J	
						Copper	MS %R	44.5%	75% to 125%	930 J	
						Copper	Serial Dilution	79.8%	<10%	930 J	
						Lead	Laboratory Duplicate RPD (Soil)	94.6%	<35%	1100 J	
						Lead	Serial Dilution	78.9%	<10%	1100 J	
						Mercury	MS %R	275.0%	80% to 120%	1.60 J	
						Nickel	Laboratory Duplicate RPD (Soil)	35.8%	<35%	63.0 J	
						Nickel	Serial Dilution	79.3%	<10%	63.0 J	
						Selenium	CRDL Standard %R	51.3%	80% to 120%	ND(1.00) J	
						Zinc	Serial Dilution	78.8%	<10%	1600 J	
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	No						
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (0 - 1)	9/23/2005	Soil	Tier II	Yes	Selenium	CRDL Standard %R	136.0%	80% to 120%	0.530 J	
						Thallium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.5)	
						Selenium	CRDL Standard %R	136.0%	80% to 120%	0.850 J	
						Thallium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
Metals (continued)											
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
5I0P489	RAA4-A36 (6 - 15)	9/23/2005	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.5)	
						Selenium	CRDL Standard %R	136.0%	80% to 120%	0.720 J	
						Thallium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.5)	
						Selenium	CRDL Standard %R	136.0%	80% to 120%	0.520 J	
						Thallium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
VOCs											
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	28.4%	<25%	ND(7.3) J	
						1,4-Dioxane	CCAL %D	53.6%	<25%	ND(7.3) J	
						Acetone	CCAL %D	42.0%	<25%	ND(7.3) J	
						Methacrylonitrile	CCAL %D	32.0%	<25%	ND(7.3) J	
						Propionitrile	CCAL %D	34.4%	<25%	ND(7.3) J	
						Trichlorofluoromethane	CCAL %D	29.6%	<25%	ND(7.3) J	
						Vinyl Acetate	CCAL %D	90.0%	<25%	ND(7.3) J	
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.10) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.10) J	
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.10) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.10) J	
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.11) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.11) J	
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	42.8%	<25%	ND(0.0053) J	
						2-Butanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	29.0%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	36.0%	<25%	ND(0.0053) J	
						Carbon Disulfide	CCAL %D	47.2%	<25%	ND(0.0053) J	
						Dichlorodifluoromethane	CCAL %D	45.6%	<25%	ND(0.0053) J	
						Methacrylonitrile	CCAL %D	40.4%	<25%	ND(0.0053) J	
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	42.8%	<25%	ND(0.0052) J	
						2-Butanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	29.0%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	36.0%	<25%	ND(0.0052) J	
						Carbon Disulfide	CCAL %D	47.2%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	45.6%	<25%	ND(0.0052) J	
						Methacrylonitrile	CCAL %D	40.4%	<25%	ND(0.0052) J	
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	99.9%	<25%	ND(0.0059) J	
						1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	35.6%	<25%	ND(0.12) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.12) J	
						Acetonitrile	CCAL %D	60.0%	<25%	ND(0.12) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.12) J	
						Dibromochloromethane	CCAL %D	99.9%	<25%	ND(0.0059) J	
						Dichlorodifluoromethane	CCAL %D	99.9%	<25%	ND(0.0059) J	
						Vinyl Chloride	CCAL %D	32.4%	<25%	ND(0.0059) J	
						Xylenes (total)	CCAL %D	31.6%	<25%	ND(0.0059) J	
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	99.9%	<25%	ND(0.0054) J	RAA4-O18
						1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	35.6%	<25%	ND(0.11) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.11) J	
						Acetonitrile	CCAL %D	60.0%	<25%	ND(0.11) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.11) J	
						Dibromochloromethane	CCAL %D	99.9%	<25%	ND(0.0054) J	
						Dichlorodifluoromethane	CCAL %D	99.9%	<25%	ND(0.0054) J	
						Vinyl Chloride	CCAL %D	32.4%	<25%	ND(0.0054) J	
						Xylenes (total)	CCAL %D	31.6%	<25%	ND(0.0054) J	
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	99.9%	<25%	ND(0.0054) J	
						1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	35.6%	<25%	ND(0.11) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.11) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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)											
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Acetonitrile	CCAL %D	60.0%	<25%	ND(0.11) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.11) J	
						Dibromochloromethane	CCAL %D	99.9%	<25%	ND(0.0054) J	
						Dichlorodifluoromethane	CCAL %D	99.9%	<25%	ND(0.0054) J	
						Vinyl Chloride	CCAL %D	32.4%	<25%	ND(0.0054) J	
						Xylenes (total)	CCAL %D	31.6%	<25%	ND(0.0054) J	
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	99.9%	<25%	ND(0.0058) J	
						1,4-Dioxane	CCAL RRF	0.006	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	35.6%	<25%	ND(0.12) J	
						Acetonitrile	CCAL RRF	0.03	>0.05	ND(0.12) J	
						Acetonitrile	CCAL %D	60.0%	<25%	ND(0.12) J	
						Acrolein	CCAL RRF	0.035	>0.05	ND(0.12) J	
						Dibromochloromethane	CCAL %D	99.9%	<25%	ND(0.0058) J	
						Dichlorodifluoromethane	CCAL %D	99.9%	<25%	ND(0.0058) J	
						Trichloroethene	MS/MSD %R	215%, 136%	75% to 125%	0.19 J	
						Trichloroethene	MS/MSD RPD	45.0%	<24%	0.19 J	
						Vinyl Chloride	CCAL %D	32.4%	<25%	ND(0.0058) J	
						Xylenes (total)	CCAL %D	31.6%	<25%	ND(0.0058) J	
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL %D	34.0%	<25%	ND(0.20) J	
						Acetone	CCAL %D	33.6%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	42.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	35.2%	<25%	ND(0.0050) J	
						Chloromethane	CCAL %D	36.4%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	67.2%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	68.0%	<25%	ND(0.0050) J	
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	Yes	Acetone	CCAL %D	43.6%	<25%	ND(0.022) J	
						Isobutanol	CCAL %D	32.4%	<25%	ND(0.11) J	
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	Yes	Acetone	CCAL %D	43.6%	<25%	ND(0.022) J	
						Isobutanol	CCAL %D	32.4%	<25%	ND(0.11) J	
5I0P398	TRIP BLANK	9/20/2005	Water	Tier II	Yes	Acetone	CCAL %D	43.6%	<25%	ND(0.010) J	
						Isobutanol	CCAL %D	32.4%	<25%	ND(0.10) J	
5I0P489	RAA4-A36 (0 - 1)	9/23/2005	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.047	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	25.0%	<25%	ND(0.11) J	
5I0P489	RAA4-A36 (12 - 14)	9/23/2005	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acrolein	CCAL RRF	0.047	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	25.0%	<25%	ND(0.12) J	
5I0P489	RAA4-A36 (4 - 6)	9/23/2005	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.047	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	25.0%	<25%	ND(0.11) J	
5I0P489	TRIP BLANK	9/23/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						Acetone	CCAL %D	43.6%	<25%	ND(0.10) J	
						Propionitrile	CCAL %D	32.4%	<25%	ND(0.10) J	
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	CCAL RRF	0.047	>0.05	0.040 J	
						Acrolein	CCAL %D	25.0%	<25%	0.040 J	
SVOCs											
5I0P261	206S-E (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.6) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(18) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.6) J	
						Aniline	CCAL %D	99.9%	<25%	26 J	
						Aramite	CCAL %D	27.0%	<25%	ND(3.6) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.2) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(7.2) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	0.73 J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(3.6) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(3.6) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.2) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.2) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(3.6) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.6) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(3.6) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(3.6) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(3.6) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P261	206S-E (0 - 1)	9/13/2005	Soil	Tier II	Yes	Pyridine	CCAL %D	41.8%	<25%	ND(3.6) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.6) J	
5I0P261	206S-N (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(4.8) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(24) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(4.8) J	
						Aniline	CCAL %D	99.9%	<25%	ND(4.8) J	
						Aramite	CCAL %D	27.0%	<25%	ND(4.8) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(9.6) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(9.6) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	ND(4.8) J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(4.8) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(4.8) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(9.6) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(9.6) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(4.8) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(4.8) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(4.8) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(4.8) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(4.8) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(4.8) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(4.8) J	
5I0P261	206S-S (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(4.8) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(24) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(4.8) J	
						Aniline	CCAL %D	99.9%	<25%	14 J	
						Aramite	CCAL %D	27.0%	<25%	ND(4.8) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(9.7) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(9.7) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	ND(4.8) J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(4.8) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(4.8) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(9.7) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(9.7) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(4.8) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(4.8) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(4.8) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(4.8) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(4.8) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(4.8) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(4.8) J	
5I0P261	206S-W (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.5) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(17) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.5) J	
						Aniline	CCAL %D	99.9%	<25%	5.2 J	
						Aramite	CCAL %D	27.0%	<25%	ND(3.5) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.0) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(7.0) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	0.73 J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(3.5) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(3.5) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.0) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.0) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(3.5) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.5) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(3.5) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(3.5) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(3.5) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(3.5) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.5) J	
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.9) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(20) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.9) J	
						Aniline	CCAL %D	99.9%	<25%	4.8 J	
						Aramite	CCAL %D	27.0%	<25%	ND(3.9) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	Yes	Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.8) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(7.8) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	6.0 J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(3.9) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(3.9) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.8) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.8) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(3.9) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.9) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(3.9) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(3.9) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(3.9) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(3.9) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.9) J	
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.8) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(19) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.8) J	
						Aniline	CCAL %D	99.9%	<25%	1.9 J	
						Aramite	CCAL %D	27.0%	<25%	ND(3.8) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.7) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(7.7) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	0.40 J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(3.8) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(3.8) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.7) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.7) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(3.8) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.8) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(3.8) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(3.8) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(3.8) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(3.8) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.8) J	
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.5) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(18) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.5) J	
						Aniline	CCAL %D	99.9%	<25%	ND(3.5) J	
						Aramite	CCAL %D	27.0%	<25%	ND(3.5) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.0) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(7.0) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	ND(3.5) J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(3.5) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(3.5) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.0) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.0) J	
						Hexachloropropene	CCAL %D	31.3%	<25%	ND(3.5) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.5) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(3.5) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(3.5) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(3.5) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(3.5) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.5) J	
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(4.3) J	
						4-Nitrophenol	CCAL %D	33.4%	<25%	ND(22) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(4.3) J	
						Aniline	CCAL %D	99.9%	<25%	0.44 J	
						Aramite	CCAL %D	27.0%	<25%	ND(4.3) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(8.7) J	
						Benzidine	CCAL %D	28.0%	<25%	ND(8.7) J	
						Benzo(k)fluoranthene	CCAL %D	99.9%	<25%	4.6 J	
						Ethyl Methanesulfonate	CCAL %D	26.7%	<25%	ND(4.3) J	
						Hexachlorobenzene	CCAL %D	30.9%	<25%	ND(4.3) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(8.7) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(8.7) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	Yes	Hexachloropropene	CCAL %D	31.3%	<25%	ND(4.3) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(4.3) J	
						Methyl Methanesulfonate	CCAL %D	29.5%	<25%	ND(4.3) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.7%	<25%	ND(4.3) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(4.3) J	
						Pyridine	CCAL %D	41.8%	<25%	ND(4.3) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(4.3) J	
5I0P312	RAA4-BH000750 (1 - 3)	9/14/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(3.5) J	
						4-Nitrophenol	CCAL %D	28.5%	<25%	ND(18) J	
						Aniline	CCAL %D	153.0%	<25%	ND(3.5) J	
						Aramite	CCAL %D	31.4%	<25%	ND(3.5) J	
						Benzidine	CCAL %D	27.1%	<25%	ND(7.1) J	
						Hexachlorobenzene	CCAL %D	29.5%	<25%	ND(3.5) J	
						Hexachlorocyclopentadiene	CCAL %D	28.2%	<25%	ND(3.5) J	
						Hexachlorophene	CCAL %D	99.3%	<25%	ND(7.1) J	
						Hexachloropropene	CCAL %D	26.8%	<25%	ND(3.5) J	
						Isosafrole	CCAL %D	126.8%	<25%	ND(3.5) J	
						N-Nitroso-di-n-butylamine	CCAL %D	26.9%	<25%	ND(3.5) J	
						N-Nitrosopiperidine	CCAL %D	27.0%	<25%	ND(3.5) J	
5I0P312	RAA4-BH000750 (3 - 6)	9/14/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(0.36) J	
						4-Nitrophenol	CCAL %D	28.5%	<25%	ND(1.9) J	
						Aniline	CCAL %D	153.0%	<25%	ND(0.36) J	
						Aramite	CCAL %D	31.4%	<25%	ND(0.73) J	
						Benzidine	CCAL %D	27.1%	<25%	ND(0.73) J	
						Hexachlorobenzene	CCAL %D	29.5%	<25%	ND(0.36) J	
						Hexachlorocyclopentadiene	CCAL %D	28.2%	<25%	ND(0.36) J	
						Hexachlorophene	CCAL %D	99.3%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	26.8%	<25%	ND(0.36) J	
						Isosafrole	CCAL %D	126.8%	<25%	ND(0.73) J	
						N-Nitroso-di-n-butylamine	CCAL %D	26.9%	<25%	ND(0.73) J	
						N-Nitrosopiperidine	CCAL %D	27.0%	<25%	ND(0.36) J	
5I0P312	RAA4-BH000750E (1 - 3)	9/14/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	50.1%	<25%	ND(0.35) J	
						1,3-Dinitrobenzene	CCAL %D	46.7%	<25%	ND(0.71) J	
						2-Acetylaminofluorene	CCAL %D	37.7%	<25%	ND(0.71) J	
						2-Naphthylamine	CCAL %D	32.7%	<25%	ND(0.71) J	
						4-Aminobiphenyl	CCAL %D	40.2%	<25%	ND(0.71) J	
						4-Nitrophenol	CCAL %D	38.4%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.4%	<25%	ND(0.71) J	
						4-Phenylenediamine	CCAL %D	26.6%	<25%	ND(0.71) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.2%	<25%	ND(0.71) J	
						Aramite	CCAL %D	41.0%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	87.3%	<25%	ND(0.71) J	
						Diallate	CCAL %D	39.7%	<25%	ND(0.71) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.71) J	
						Isosafrole	CCAL %D	166.8%	<25%	ND(0.71) J	
						Pentachlorobenzene	CCAL %D	25.0%	<25%	ND(0.35) J	
						Safrole	CCAL %D	25.2%	<25%	ND(0.35) J	
5I0P312	RAA4-BH000750S (1 - 3)	9/14/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	50.1%	<25%	ND(0.35) J	
						1,3-Dinitrobenzene	CCAL %D	46.7%	<25%	ND(0.71) J	
						2-Acetylaminofluorene	CCAL %D	37.7%	<25%	ND(0.71) J	
						2-Naphthylamine	CCAL %D	32.7%	<25%	ND(0.71) J	
						4-Aminobiphenyl	CCAL %D	40.2%	<25%	ND(0.71) J	
						4-Nitrophenol	CCAL %D	38.4%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.4%	<25%	ND(0.71) J	
						4-Phenylenediamine	CCAL %D	26.6%	<25%	ND(0.71) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.2%	<25%	ND(0.71) J	
						Aramite	CCAL %D	41.0%	<25%	ND(0.71) J	
						Benzidine	CCAL %D	87.3%	<25%	ND(0.71) J	
						Diallate	CCAL %D	39.7%	<25%	ND(0.71) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.71) J	
						Isosafrole	CCAL %D	166.8%	<25%	ND(0.71) J	
						Pentachlorobenzene	CCAL %D	25.0%	<25%	ND(0.35) J	
						Safrole	CCAL %D	25.2%	<25%	ND(0.35) J	
5I0P312	RAA4-BH000750W (1 - 3	9/14/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	50.1%	<25%	ND(0.36) J	

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ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P312	RAA4-BH000750W (1 - 3	9/14/2005	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	46.7%	<25%	ND(0.73) J	
						2-Acetylaminofluorene	CCAL %D	37.7%	<25%	ND(0.73) J	
						2-Naphthylamine	CCAL %D	32.7%	<25%	ND(0.73) J	
						4-Aminobiphenyl	CCAL %D	40.2%	<25%	ND(0.73) J	
						4-Nitrophenol	CCAL %D	38.4%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.4%	<25%	ND(0.73) J	
						4-Phenylenediamine	CCAL %D	26.6%	<25%	ND(0.73) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.2%	<25%	ND(0.73) J	
						Aramite	CCAL %D	41.0%	<25%	ND(0.73) J	
						Benzidine	CCAL %D	87.3%	<25%	ND(0.73) J	
						Diallate	CCAL %D	39.7%	<25%	ND(0.73) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.73) J	
						Isosafrole	CCAL %D	166.8%	<25%	ND(0.73) J	
						Pentachlorobenzene	CCAL %D	25.0%	<25%	ND(0.36) J	
						Safrole	CCAL %D	25.2%	<25%	ND(0.36) J	
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	50.1%	<25%	ND(0.35) J	
						1,3-Dinitrobenzene	CCAL %D	46.7%	<25%	ND(0.70) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2-Acetylaminofluorene	CCAL %D	37.7%	<25%	ND(0.70) J	
						2-Chlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2-Methylphenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						2-Naphthylamine	CCAL %D	32.7%	<25%	ND(0.70) J	
						2-Nitrophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						4-Aminobiphenyl	CCAL %D	40.2%	<25%	ND(0.70) J	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						4-Nitrophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						4-Nitroquinoline-1-oxide	CCAL %D	39.4%	<25%	ND(0.70) J	
						4-Phenylenediamine	CCAL %D	26.6%	<25%	ND(0.70) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.2%	<25%	ND(0.70) J	
						Aramite	CCAL %D	41.0%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	87.3%	<25%	ND(0.70) J	
						Diallate	CCAL %D	39.7%	<25%	ND(0.70) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.70) J	
						Isosafrole	CCAL %D	166.8%	<25%	ND(0.70) J	
						Pentachlorobenzene	CCAL %D	25.0%	<25%	ND(0.35) J	
						Pentachlorophenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						Phenol	Surrogate Recovery Acid	2.9%, 3.5%	19.0% to 122.0%, 25.0% to 121.0%	R	
						Safrole	CCAL %D	25.2%	<25%	ND(0.35) J	
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.4%	<25%	ND(0.35) J	
						4-Nitrophenol	CCAL %D	28.5%	<25%	0.66 J	
						Aniline	CCAL %D	153.0%	<25%	ND(0.35) J	
						Aramite	CCAL %D	31.4%	<25%	ND(0.70) J	
						Benzidine	CCAL %D	27.1%	<25%	ND(0.70) J	
						Hexachlorobenzene	CCAL %D	29.5%	<25%	ND(0.35) J	
						Hexachlorocyclopentadiene	CCAL %D	28.2%	<25%	ND(0.35) J	
						Hexachlorophene	CCAL %D	99.3%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	26.8%	<25%	ND(0.35) J	
						Isosafrole	CCAL %D	126.8%	<25%	ND(0.70) J	
						N-Nitroso-di-n-butylamine	CCAL %D	26.9%	<25%	ND(0.70) J	
						N-Nitrosopiperidine	CCAL %D	27.0%	<25%	ND(0.35) J	
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	56.6%	<25%	ND(5.5) J	
						1,3-Dinitrobenzene	CCAL %D	39.2%	<25%	ND(5.5) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	38.2%	<25%	ND(5.5) J	
						2,4-Dimethylphenol	CCAL %D	27.0%	<25%	ND(5.5) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(5.5) J	
						4-Nitroquinoline-1-oxide	CCAL %D	63.2%	<25%	ND(5.5) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	40.6%	<25%	ND(5.5) J	
						Aniline	CCAL %D	99.9%	<25%	3.8 J	
						Aramite	CCAL %D	30.3%	<25%	ND(5.5) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(11) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(11) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.2%	<25%	ND(5.5) J	
						Hexachlorobenzene	CCAL %D	32.1%	<25%	ND(5.5) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(11) J	
						Hexachlorophene	CCAL %D	47.5%	<25%	ND(11) J	
						Hexachloropropene	CCAL %D	32.4%	<25%	ND(5.5) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(5.5) J	
						N-Nitroso-di-n-butylamine	CCAL %D	32.9%	<25%	ND(5.5) J	
						N-Nitrosomethylethylamine	CCAL %D	30.6%	<25%	ND(5.5) J	
						N-Nitrosopiperidine	CCAL %D	26.3%	<25%	ND(5.5) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(5.5) J	
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.2%	<25%	ND(3.6) J	RAA4-O18
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.6) J	
						a,a'-Dimethylphenethylamine	CCAL %D	100.0%	<25%	ND(3.6) J	
						Aniline	CCAL %D	95.9%	<25%	ND(3.6) J	
						Aramite	CCAL %D	41.4%	<25%	ND(3.6) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.2) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.2) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.2) J	
						Hexachloropropene	CCAL %D	35.6%	<25%	ND(3.6) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.6) J	
						N-Nitroso-di-n-butylamine	CCAL %D	36.5%	<25%	ND(3.6) J	
						N-Nitrosopiperidine	CCAL %D	30.3%	<25%	ND(3.6) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.6) J	
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	Yes	2,6-Dichlorophenol	CCAL %D	26.2%	<25%	ND(3.6) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.6) J	
						a,a'-Dimethylphenethylamine	CCAL %D	100.0%	<25%	ND(3.6) J	
						Aniline	CCAL %D	95.9%	<25%	ND(3.6) J	
						Aramite	CCAL %D	41.4%	<25%	ND(3.6) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.3) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.3) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.3) J	
						Hexachloropropene	CCAL %D	35.6%	<25%	ND(3.6) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.6) J	
						N-Nitroso-di-n-butylamine	CCAL %D	36.5%	<25%	ND(3.6) J	
						N-Nitrosopiperidine	CCAL %D	30.3%	<25%	ND(3.6) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(3.6) J	
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	Yes	1,4-Dichlorobenzene	MS/MSD %R	843%,365%	28% to 104%	3.2 J	
						1,4-Dichlorobenzene	MS/MSD RPD	79.0%	<27%	3.2 J	
						2,6-Dichlorophenol	CCAL %D	26.2%	<25%	ND(3.9) J	
						4-Chloro-3-Methylphenol	MS/MSD %R	198%,136%	26% to 103%	ND(3.9) J	
						4-Chloro-3-Methylphenol	MS/MSD RPD	37.0%	<33%	ND(3.9) J	
						4-Nitrophenol	MS/MSD %R	10.0%,6.0%	11% to 114%	R	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(3.9) J	
						a,a'-Dimethylphenethylamine	CCAL %D	100.0%	<25%	ND(3.9) J	
						Acenaphthene	MS/MSD %R	405%,194%	31% to 137%	ND(3.9) J	
						Acenaphthene	MS/MSD RPD	70.0%	<19%	ND(3.9) J	
						Aniline	CCAL %D	95.9%	<25%	ND(3.9) J	
						Aramite	CCAL %D	41.4%	<25%	ND(3.9) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(7.8) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(7.8) J	
						Hexachlorophene	CCAL %D	99.8%	<25%	ND(7.8) J	
						Hexachloropropene	CCAL %D	35.6%	<25%	ND(3.9) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(3.9) J	
						N-Nitroso-di-n-butylamine	CCAL %D	36.5%	<25%	ND(3.9) J	
						N-Nitroso-di-n-propylamine	MS %R	181.0%	41% to 126%	ND(3.9) J	
						N-Nitroso-di-n-propylamine	MS/MSD RPD	50.0%	<38%	ND(3.9) J	
						N-Nitrosopiperidine	CCAL %D	30.3%	<25%	ND(3.9) J	
						Pyrene	MS/MSD %R	556%,263%	35% to 142%	0.63 J	
						Pyrene	MS/MSD RPD	72.0%	<36%	0.63 J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Safrole	ICAL RRF	0.043	>0.05	ND(3.9) J	
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	26.6%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.5%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.010) J	
						Aramite	CCAL %D	40.8%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	64.6%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	25.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.2%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.010) J	
						N-Nitrosodiethylamine	CCAL %D	27.4%	<25%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.8%	<25%	ND(0.010) J	
						N-Nitrosomethylethylamine	CCAL %D	27.8%	<25%	ND(0.010) J	
						N-Nitrosopiperidine	CCAL %D	33.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	34.0%	<25%	ND(18) J	
						2,6-Dichlorophenol	CCAL %D	26.3%	<25%	ND(3.6) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.3%	<25%	ND(3.6) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.035	>0.05	ND(3.6) J	
						Aramite	CCAL %D	33.5%	<25%	ND(3.6) J	
						Hexachlorophene	CCAL %D	98.7%	<25%	ND(7.3) J	
						Hexachloropropene	CCAL %D	34.3%	<25%	ND(3.6) J	
						Isosafrole	CCAL %D	121.4%	<25%	ND(3.6) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.3%	<25%	ND(3.6) J	
						N-Nitrosomethylethylamine	CCAL %D	32.6%	<25%	ND(3.6) J	
						N-Nitrosopiperidine	CCAL %D	26.3%	<25%	ND(3.6) J	
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	34.0%	<25%	ND(1.9) J	
						2,6-Dichlorophenol	CCAL %D	26.3%	<25%	ND(0.36) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.3%	<25%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.035	>0.05	ND(0.73) J	
						Aramite	CCAL %D	33.5%	<25%	ND(0.73) J	
						Hexachlorophene	CCAL %D	98.7%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	34.3%	<25%	ND(0.36) J	
						Isosafrole	CCAL %D	121.4%	<25%	ND(0.73) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.3%	<25%	ND(0.73) J	
						N-Nitrosomethylethylamine	CCAL %D	32.6%	<25%	ND(0.73) J	
						N-Nitrosopiperidine	CCAL %D	26.3%	<25%	ND(0.36) J	
5I0P398	RAA4-O19E (1 - 3)	9/20/2005	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	34.0%	<25%	ND(1.8) J	Used original analysis
						2,6-Dichlorophenol	CCAL %D	26.3%	<25%	ND(0.35) J	
						Aramite	CCAL %D	33.5%	<25%	ND(0.71) J	
						Fluoranthene	Internal Standard Phenanthrene-d10 %R	257.8%	50% to 200%	0.16 J	
						Hexachlorophene	CCAL %D	98.7%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	34.3%	<25%	ND(0.35) J	
						Isosafrole	CCAL %D	121.4%	<25%	ND(0.71) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.3%	<25%	ND(0.71) J	
						N-Nitrosomethylethylamine	CCAL %D	32.6%	<25%	ND(0.71) J	
						N-Nitrosopiperidine	CCAL %D	26.3%	<25%	ND(0.35) J	
						Phenanthrene	Internal Standard Phenanthrene-d10 %R	257.8%	50% to 200%	0.051 J	
5I0P398	RAA4-O19N (1 - 3)	9/20/2005	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	34.0%	<25%	ND(1.9) J	
						2,6-Dichlorophenol	CCAL %D	26.3%	<25%	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.035	>0.05	ND(0.76) J	
						Aramite	CCAL %D	33.5%	<25%	ND(0.76) J	
						Hexachlorophene	CCAL %D	98.7%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	34.3%	<25%	ND(0.38) J	
						Isosafrole	CCAL %D	121.4%	<25%	ND(0.76) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.3%	<25%	ND(0.76) J	
						N-Nitrosomethylethylamine	CCAL %D	32.6%	<25%	ND(0.76) J	
						N-Nitrosopiperidine	CCAL %D	26.3%	<25%	ND(0.38) J	
5I0P398	RAA4-O19S (1 - 3)	9/20/2005	Soil	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.36) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.72) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P398	RAA4-O19S (1 - 3)	9/20/2005	Soil	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.72) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.36) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.36) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.36) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.36) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.36) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.72) J	
						Isosafrole	CCAL %D	121.0%	<25%	ND(0.72) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.72) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.72) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.36) J	
5I0P398	RAA4-O19W (1 - 3)	9/20/2005	Soil	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.35) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.70) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.70) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.35) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.35) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.35) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.35) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.35) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.70) J	
						Isosafrole	CCAL %D	121.0%	<25%	ND(0.70) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.70) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.70) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.35) J	
5I0P489	RAA4-A36 (0 - 1)	9/23/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	63.2%	<25%	ND(0.36) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.36) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.72) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.72) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.72) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.36) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.36) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.72) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.36) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.36) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.36) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.72) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.72) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.72) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.72) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.72) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.36) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.36) J	
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	63.2%	<25%	ND(0.36) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.36) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.72) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.72) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.72) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.36) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.36) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.72) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.36) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.36) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.36) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.72) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.72) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.72) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.72) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.72) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.36) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	Yes	Safrole	ICAL RRF	0.043	>0.05	ND(0.36) J	
5I0P489	RAA4-A36 (6 - 15)	9/23/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	63.2%	<25%	ND(0.38) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.38) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.76) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.76) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.38) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.38) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.76) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.38) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.38) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.38) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.76) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.76) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.76) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.76) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.76) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.38) J	
5I0P512	211S-E (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	63.2%	<25%	ND(0.34) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.34) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.34) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.68) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.68) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.68) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.34) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.34) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.68) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.34) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.34) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.34) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.68) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.68) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.68) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.68) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.68) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.34) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.34) J	
5I0P512	211S-N (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	60.3%	<25%	ND(0.34) J	
						4-Nitroquinoline-1-oxide	CCAL %D	38.0%	<25%	ND(0.69) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.69) J	
						a,a'-Dimethylphenethylamine	CCAL %D	27.6%	<25%	ND(0.69) J	
						Aniline	CCAL %D	43.6%	<25%	ND(0.34) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.69) J	
						Benzidine	CCAL %D	37.3%	<25%	ND(0.69) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.0%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	32.1%	<25%	ND(0.34) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.69) J	
						Hexachlorophene	CCAL %D	99.4%	<25%	ND(0.69) J	
						Hexachloropropene	CCAL %D	29.5%	<25%	ND(0.34) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.69) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.6%	<25%	ND(0.69) J	
						N-Nitrosomethylethylamine	CCAL %D	25.6%	<25%	ND(0.69) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.34) J	
5I0P512	211S-S (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	60.3%	<25%	ND(0.35) J	
						4-Nitroquinoline-1-oxide	CCAL %D	38.0%	<25%	ND(0.70) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.70) J	
						a,a'-Dimethylphenethylamine	CCAL %D	27.6%	<25%	ND(0.70) J	
						Aniline	CCAL %D	43.6%	<25%	ND(0.35) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.70) J	
						Benzidine	CCAL %D	37.3%	<25%	ND(0.70) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P512	211S-S (0 - 1)	9/26/2005	Soil	Tier II	Yes	bis(2-Chloroisopropyl)ether	CCAL %D	30.0%	<25%	ND(0.35) J	
						Hexachlorobenzene	CCAL %D	32.1%	<25%	ND(0.35) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.70) J	
						Hexachlorophene	CCAL %D	99.4%	<25%	ND(0.70) J	
						Hexachloropropene	CCAL %D	29.5%	<25%	ND(0.35) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.70) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.6%	<25%	ND(0.70) J	
						N-Nitrosomethylethylamine	CCAL %D	25.6%	<25%	ND(0.70) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.35) J	
5I0P512	211S-W (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	63.2%	<25%	ND(0.34) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	32.7%	<25%	ND(0.34) J	
						2,4-Dimethylphenol	CCAL %D	30.1%	<25%	ND(0.34) J	
						4-Nitroquinoline-1-oxide	CCAL %D	39.5%	<25%	ND(0.68) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.68) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.2%	<25%	ND(0.68) J	
						Acetophenone	CCAL %D	26.5%	<25%	ND(0.34) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.34) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.68) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	33.0%	<25%	ND(0.34) J	
						Ethyl Methanesulfonate	CCAL %D	25.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	26.0%	<25%	ND(0.34) J	
						Hexachlorocyclopentadiene	CCAL %D	32.2%	<25%	ND(0.34) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.68) J	
						Hexachlorophene	CCAL %D	97.0%	<25%	ND(0.68) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.68) J	
						Methapyrilene	CCAL %D	25.9%	<25%	ND(0.68) J	
						N-Nitroso-di-n-butylamine	CCAL %D	30.8%	<25%	ND(0.68) J	
						N-Nitrosopiperidine	CCAL %D	27.1%	<25%	ND(0.34) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.34) J	
5I0P512	RAA4-DUP-3 (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	60.3%	<25%	ND(0.36) J	RAA4-P21
						4-Nitroquinoline-1-oxide	CCAL %D	38.0%	<25%	ND(0.71) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.71) J	
						a,a'-Dimethylphenethylamine	CCAL %D	27.6%	<25%	ND(0.71) J	
						Aniline	CCAL %D	43.6%	<25%	ND(0.36) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.71) J	
						Benzidine	CCAL %D	37.3%	<25%	ND(0.71) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.0%	<25%	ND(0.36) J	
						Hexachlorobenzene	CCAL %D	32.1%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	0.029 J	
						Hexachlorophene	CCAL %D	99.4%	<25%	0.029 J	
						Hexachloropropene	CCAL %D	29.5%	<25%	ND(0.36) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.71) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.6%	<25%	ND(0.71) J	
						N-Nitrosomethylethylamine	CCAL %D	25.6%	<25%	ND(0.71) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.36) J	
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	60.3%	<25%	ND(0.36) J	
						1,4-Dichlorobenzene	MSD %R	27.0%	28% to 104%	ND(0.36) J	
						1,4-Dichlorobenzene	MS/MSD RPD	28.0%	<27%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL %D	38.0%	<25%	ND(0.72) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.72) J	
						a,a'-Dimethylphenethylamine	CCAL %D	27.6%	<25%	ND(0.72) J	
						Aniline	CCAL %D	43.6%	<25%	ND(0.36) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.72) J	
						Benzidine	CCAL %D	37.3%	<25%	ND(0.72) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.0%	<25%	ND(0.36) J	
						Hexachlorobenzene	CCAL %D	32.1%	<25%	ND(0.36) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.72) J	
						Hexachlorophene	CCAL %D	99.4%	<25%	ND(0.72) J	
						Hexachloropropene	CCAL %D	29.5%	<25%	ND(0.36) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.72) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.6%	<25%	ND(0.72) J	
						N-Nitrosomethylethylamine	CCAL %D	25.6%	<25%	ND(0.72) J	
						Pentachlorophenol	MS %R	16.0%	17% to 109%	ND(1.8) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.36) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P512	RB-092605-1	9/26/2005	Water	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	56.3%	<25%	ND(0.010) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	34.2%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2,4-Dimethylphenol	CCAL %D	29.2%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.050) J	
						2-Picoline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.020) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.050) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	40.6%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Acenaphthene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Acenaphthylene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Acetophenone	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Aniline	CCAL %D	99.9%	<25%	ND(0.010) J	
						Aniline	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Anthracene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Aramite	CCAL %D	44.4%	<25%	ND(0.010) J	
						Aramite	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	36.4%	<25%	ND(0.020) J	
						Benzidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.020) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzyl Alcohol	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.020) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.0060) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Chrysene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Diallate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
SVOCs (continued)											
5I0P512	RB-092605-1	9/26/2005	Water	Tier II	Yes	Dimethylphthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Diphenylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluoranthene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluorene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.020) J	
						Hexachloropropene	CCAL %D	34.6%	<25%	ND(0.010) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Isodrin	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Isophorone	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Isosafrole	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Methapyrilene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Naphthalene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	35.8%	<25%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomethylethylamine	CCAL %D	28.4%	<25%	ND(0.010) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopiperidine	CCAL %D	27.5%	<25%	ND(0.010) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopyrrolidine	CCAL %D	26.0%	<25%	ND(0.010) J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						o-Toluidine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenacetin	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenanthrene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pronamide	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyrene	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyridine	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
						Thionazin	Surrogate Recovery Base-neutral	39.0%, 25.0%	43.0% to 116.0%, 33.0% to 141.0%	ND(0.010) J	
PCDDs/PCDFs											
5I0P261	RAA4-I30E (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-I30N (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-I30S (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-I30W (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P335	RAA4-M23E (0 - 1)	9/15/2005	Soil	Tier II	No						

TABLE A - 1
ANALYTICAL DATA VALIDATION SUMMARY
EAST STREET AREA 2 - SOUTH
DATA COLLECTED AND ANALYZED IN 2005

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
PCDDs/PCDFs (continued)											
5I0P335	RAA4-M23N (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-M23S (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-M23W (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	No						RAA4-O18
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	No						
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	No						
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (0 - 1)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (6 - 15)	9/23/2005	Soil	Tier II	No						
5I0P512	RAA4-DUP-3 (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	54.5%	<50%	0.000020 J	RAA4-P21
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	59.1%	<50%	0.000087 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	61.3%	<50%	0.000026 J	
						1,2,3,4,7,8-HxCDD	Field Duplicate RPD (Soil)	55.7%	<50%	0.0000022 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	50.0%	<50%	0.000096 J	
						1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	51.2%	<50%	0.000045 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	50.8%	<50%	0.000022 J	
						HpCDDs (total)	Field Duplicate RPD (Soil)	50.0%	<50%	0.000048 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	56.0%	<50%	0.00018 J	
						OCDF	Field Duplicate RPD (Soil)	66.7%	<50%	0.00011 J	
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	54.5%	<50%	0.000035 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	59.1%	<50%	0.00016 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	61.3%	<50%	0.000049 J	
						1,2,3,4,7,8-HxCDD	Field Duplicate RPD (Soil)	55.7%	<50%	0.0000039 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	50.0%	<50%	0.00016 J	
						1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	51.2%	<50%	0.000076 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	50.8%	<50%	0.000037 J	
						HpCDDs (total)	Field Duplicate RPD (Soil)	50.0%	<50%	0.000080 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	56.0%	<50%	0.00032 J	
						OCDF	Field Duplicate RPD (Soil)	66.7%	<50%	0.00022 J	
5I0P512	RB-092605-1	9/26/2005	Water	Tier II	No						
Cyanides/Sulfides											
5I0P261	RAA4-J27 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-L26 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-M25 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P261	RAA4-N28 (0 - 1)	9/13/2005	Soil	Tier II	No						
5I0P312	RAA4-N4 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P312	RAA4-N6 (0 - 1)	9/14/2005	Soil	Tier II	No						
5I0P335	RAA4-P24 (0 - 1)	9/15/2005	Soil	Tier II	No						
5I0P358	RAA4-DUP#2 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Sulfide	MS %R	56.0%	75% to 125%	22.0 J	RAA4-O18
5I0P358	RAA4-O18 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Sulfide	MS %R	56.0%	75% to 125%	21.0 J	
5I0P358	RAA4-O22 (0 - 1)	9/16/2005	Soil	Tier II	Yes	Cyanide	Rinse Blank	-	-	ND(0.58)	
						Sulfide	MS %R	56.0%	75% to 125%	60.0 J	
5I0P358	RB-091605-1	9/16/2005	Water	Tier II	No						
5I0P398	RAA4-L18 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P398	RAA4-N19 (0 - 1)	9/20/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (0 - 1)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (1 - 6)	9/23/2005	Soil	Tier II	No						
5I0P489	RAA4-A36 (6 - 15)	9/23/2005	Soil	Tier II	No						
5I0P512	RAA4-P21 (0 - 1)	9/26/2005	Soil	Tier II	No						

Appendix B

PCB Data Tables

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

Appendix B Tables

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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 4A										
RAA4-F9	1-6	9/21/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.23	0.21	0.44
RAA4-F11N	1-6	9/21/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.027 J	0.027 J
RAA4-G5	0-1	6/11/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.59	0.64	1.23
	1-6	6/11/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.2	1.3	4.5
	6-15	6/11/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA4-G7	0-1	7/2/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.8	ND(0.42)	3.8
	1-6	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	7/2/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-G7N	1-6	9/21/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.029 J	0.060	0.089
RAA4-G11	0-1	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.17	0.15	0.32
	1-6	6/28/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.096	0.11	0.206
	6-15	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-G14	0-1	7/8/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.1	1.5	3.6
	1-6	7/8/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.88	0.56	1.44
	6-12	7/8/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.7	0.98	2.68
RAA4-H3	0-1	6/11/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	30	20	50
	1-6	6/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.064	0.063	0.127
	6-15	6/11/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-H3S	0-1	5/21/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.090	0.035 J	0.125
	1-6	5/21/2003	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	26	24	50
RAA4-H3W	0-1	5/21/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	6.4	6.4
RAA4-H4N	1-6	9/23/2005	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.4	0.95	2.35
RAA4-H7	0-1	6/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.036 J	0.036 J
	1-6	6/13/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
	6-15	6/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-H12	0-1	5/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.2	1.2
	1-6	5/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.30	0.30
RAA4-I3	0-1	6/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.5	4.0	6.5
	1-6	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.8	0.69	2.49
	6-15	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-I3W	0-1	5/21/2003	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	11	4.1	15.1
RAA4-I5	0-1	7/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.2	1.2
	1-6	7/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.038	0.064	0.102
	6-15	7/3/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA4-I7	0-1	5/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.15	0.15
	1-6	5/15/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-I9	0-1	6/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.48	0.58	1.06
	1-6	6/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.46	0.46
	6-15	6/17/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.029 J	0.072	0.101
RAA4-I11	1-6	6/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/25/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-I13	6-15	7/2/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.052	0.152
RAA4-J4	0-1	5/21/2003	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	37	16	53
	1-6	5/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.34	0.19	0.53
RAA4-K3	0-1	6/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.27	0.32	0.59
	1-6	6/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	6/11/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA4-K5	0-1	6/11/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	5.8	13	18.8
	1-6	6/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.095	0.205
	6-15	6/11/2002	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [0.053]	ND(0.042) [ND(0.041)]	ND(0.042) [0.053]
RAA4-K11	0-1	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.066	0.044	0.11
	1-6	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	7/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-L8	0-1	6/13/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.12
	1-6	6/13/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.23	0.38	0.61
	6-15	6/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-L9	0-1	9/20/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.36	0.25	0.61
RAA4-L10	0-1	9/20/2005	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.7	1.1	2.8
RAA4-L11	0-1	5/14/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.6	0.55	2.15
RAA4-L12	0-1	5/14/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [0.019 J]	ND(0.037) [0.019 J]
RAA4-M3	0-1	6/11/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.23	0.28	0.51
	1-6	6/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	6/11/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA4-M4	0-1	5/21/2003	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	8.0	1.8	9.8
	1-6	5/21/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-M5	0-1	4/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.82 J	3.0	3.8 J
	1-6	4/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.073	0.073
	6-15	4/25/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-M7	0-1	7/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.033 J	ND(0.036)	0.033 J
	1-6	7/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	7/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-N3	0-1	9/14/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.87	1.3	2.17
RAA4-O1	0-1	4/25/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	13	12	25
	1-6	4/25/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	6.0	7.6	13.6
	6-15	4/25/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
Parcel 4B										
RAA4-1	0-1	1/30/2001	R	R	R	R	R	R	R	R
RAA4-2	0-1	1/24/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.4	ND(0.24)	1.4
	1-6	1/24/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
	6-15	1/24/2001	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)
RAA4-3	0-1	1/30/2001	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.68	ND(0.051)	0.68
RAA4-4	0-1	1/24/2001	ND(24)	ND(24)	ND(24)	ND(24)	ND(24)	180	320	500
	1-6	1/24/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.4	ND(0.22)	1.4
	6-15	1/24/2001	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-5	0-1	1/30/2001	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.8	6.6	9.4
RAA4-6	0-1	1/30/2001	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	14	14
RAA4-7	0-1	1/30/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.55	0.73	1.28
RAA4-8	0-1	1/30/2001	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	3.5 [5.4]	3.5 [5.4]
RAA4-9	0-1	1/30/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.44	1.2	1.64
RAA4-10	0-1	1/30/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	3.9	3.9
RAA4-11	0-1	1/30/2001	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	5.0	5.0
RAA4-12	0-1	1/30/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	7.9	7.9
RAA4-13	0-1	1/30/2001	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	0.79	0.79
RAA4-14	0-1	1/30/2001	ND(0.044)	ND(0.044)	ND(0.044)	0.14	ND(0.044)	0.66	0.90	1.7
	1-3	1/3/2002	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [0.022 J]	ND(0.041) [0.022 J]
RAA4-15	0-1	1/30/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.34	0.50	0.84
	1-3	1/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.035 J	0.041	0.076
RAA4-16	0-1	1/24/2001	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)
	1-6	1/24/2001	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
	6-15	1/24/2001	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	20	20
RAA4-16NW	1-6	9/23/2005	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	18	18
RAA4-17	0-1	1/29/2001	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	3.3	6.8	10.1
	1-6	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.030 J	0.030 J
	6-15	1/29/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.50	0.50
RAA4-18	0-1	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.46	1.5	1.96
	1-6	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.35	0.73	1.08
	6-15	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.26	0.26

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-19	0-1	1/29/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	2.2	2.2
	1-6	1/29/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/29/2001	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]
RAA4-20	0-1	1/29/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.53	1.4	1.93
	1-6	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-21	0-1	1/29/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-3	1/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.16	0.22	0.38
	3-6	1/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	1/29/2001	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA4-22	0-1	1/31/2001	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	0.24	0.46	0.70
	1-3	1/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	1/31/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	1/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA4-23	0-1	1/2/2002	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	18	20	38
	1-3	1/2/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.028 J	0.030 J	0.058 J
RAA4-A33	0-1	5/16/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.28	0.78	1.06
	1-6	5/16/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.28	0.61	0.89
	6-15	5/16/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.29	0.29
RAA4-A34	0-1	5/16/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.29	0.40
	1-6	5/16/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	0.81	0.98	1.79
	6-15	5/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-A35	0-1	5/16/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.67	0.67
	1-6	5/16/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)
	6-10	5/16/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)
RAA4-A37	0-1	5/15/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.10	0.20	0.30
	1-6	5/15/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	1.2	1.2
	6-15	5/15/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	0.75 J	0.75 J
RAA4-B29	0-1	5/20/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.4	1.4
	1-6	5/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.3	1.3
	6-15	5/20/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.019 J	0.019 J
RAA4-B31	0-1	5/20/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	4.1	8.3	12.4
	1-6	5/20/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.040	ND(0.038)	0.040
	6-15	5/20/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	3.5	3.5
RAA4-B33	0-1	5/16/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	0.67	0.67
RAA4-B33E	1-6	5/20/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.46	ND(0.037)	0.46
	6-15	5/20/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-B34	0-1	5/16/2002	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	1.1	1.1
	1-6	5/16/2002	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
	6-15	5/16/2002	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-B35	0-1	5/15/2002	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	1.2	1.2
	1-6	5/15/2002	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)
	6-15	5/15/2002	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	1.0	1.0
RAA4-C23	0-1	6/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.17	0.35
	1-6	6/5/2002	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.011 J [ND(0.037)]	0.022 J [0.012 J]	0.033 J [0.012 J]
	6-15	6/5/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.63	1.5	2.13
RAA4-C25	0-1	6/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.050	0.070	0.12
	1-6	6/4/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.044	0.044
	6-15	6/4/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.16	0.16
RAA4-C25N	1-6	9/21/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-C27	0-1	4/22/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.4	20	27.4
	1-6	4/22/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.73	0.73
	6-15	4/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.39	1.1	1.49

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-C27N	1-6	9/21/2005	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.26	0.41	0.67
RAA4-C29	0-1	5/21/2002	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	0.049 [0.077]	0.18 [0.26]	0.229 [0.337]
	1-6	5/21/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.14
	6-15	5/21/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12 J	ND(0.039)	0.12 J
RAA4-C30S	0-1	5/20/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.5	2.5
	1-6	5/20/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.88	0.88
RAA4-C31	0-1	5/20/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.3	15	21.3
	1-6	5/20/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.1	7.9	11
	6-15	5/20/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.3	1.3
RAA4-C33	0-1	5/20/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	16	15	31
	1-6	5/20/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	5.2	6.9	12.1
	6-15	5/20/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	2.0	4.7	6.7
RAA4-C33S	0-1	5/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.87	1.1	1.97
	1-6	5/15/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.9	1.9	3.8
RAA4-C34	0-1	5/17/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.56	0.56
	1-6	5/17/2002	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	1.1	1.1
	6-15	5/17/2002	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	0.89	0.89
RAA4-C35	0-1	5/17/2002	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	ND(0.89)	1.9	1.9
	1-6	5/17/2002	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	8.9	8.9
	6-15	5/17/2002	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	5.9	5.9
RAA4-D19	0-1	6/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.24	0.27	0.51
	1-6	6/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	6/4/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-D21	0-1	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.032 J	0.051	0.083
	1-6	5/30/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	5/30/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-D21N	1-6	9/21/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.037	0.037
RAA4-D23	0-1	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.024 J	0.036	0.060
	1-6	5/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	5/30/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.72	0.72
RAA4-D25	0-1	4/24/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.060	0.12	0.18
	1-6	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.014 J	0.014 J
	6-15	4/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-D26	1-6	9/21/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.028 J	0.060	0.088
RAA4-D26S	0-1	5/21/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.019 J	0.019 J
	1-6	5/21/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	19	19
RAA4-D27	0-1	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.32 J	1.0	1.32
	1-6	5/21/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	0.99	0.99
	6-15	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.0	3.0
RAA4-D29	6-15	4/23/2002	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	13	23	36
RAA4-D31	1-6	5/21/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	0.99	ND(0.40)	0.99
	6-15	5/21/2002	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	56	56
RAA4-D33	0-1	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.82	1.9	2.72
	1-6	5/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	2.3	6.4	8.7
	6-15	5/21/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)
RAA4-D34	0-1	4/23/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	3.7	20	23.7
	1-6	4/23/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	9.2	ND(3.8)	9.2
	6-15	4/23/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	2.0	ND(2.0)	2.0
RAA4-D36	0-1	5/15/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	2.4	2.4
	1-6	5/15/2002	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	21	21
	6-15	5/15/2002	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	120	120
RAA4-E15	0-1	6/7/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.16	0.42	0.58
	1-6	6/7/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.027 J	0.027 J
	6-15	6/7/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-E15N	1-6	9/20/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.42	0.53
RAA4-E16	0-1	5/21/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.035 J	0.035 J
	1-6	5/21/2003	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	0.036 J [0.041 J]	0.036 J [0.041 J]
RAA4-E17	6-15	6/7/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-E17N	1-6	9/20/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.30	0.32	0.62
RAA4-E19	0-1	5/30/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	2.3	2.3
	1-6	5/30/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.70	0.67	1.37
	6-15	5/30/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.040	0.077	0.117
RAA4-E21	0-1	5/30/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.028 J	0.028 J
	1-6	5/30/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	5/30/2002	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [0.022 J]	ND(0.039) [0.022 J]
RAA4-E22	0-1	5/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.53	0.64	1.17
	1-6	5/21/2003	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	4.0	3.4	7.4
RAA4-E23	1-6	4/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	12	11	23
	6-15	4/24/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.93	2.4	3.33
RAA4-E27	0-1	6/4/2002	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	110 [29]	110 [29]
	1-6	6/4/2002	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	770	770
	6-15	6/4/2002	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	680	680
RAA4-E29	6-15	5/21/2002	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	160	160
RAA4-E30S	0-1	5/20/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	66	130	196
	1-6	5/20/2003	ND(3.9) [ND(3.9)]	ND(3.9) [ND(3.9)]	ND(3.9) [ND(3.9)]	ND(3.9) [ND(3.9)]	ND(3.9) [ND(3.9)]	11 J [23 J]	20 [32]	31 J [55 J]
RAA4-E33	0-1	6/24/2002	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	49	49
	1-6	6/24/2002	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	34	34
	6-15	6/24/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.6	10	15.6
RAA4-E35	0-1	5/17/2002	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	28	41	69
	1-6	5/17/2002	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)	19	30	49
	6-15	5/17/2002	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.55	0.55
RAA4-E36	1-6	4/23/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	26	26
RAA4-F16	0-1	5/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.23	0.23
	1-6	5/15/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.068]	ND(0.038) [0.068]
RAA4-F18	0-1	5/21/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.055	0.185
	1-6	5/21/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-F21	6-15	10/18/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.44	0.52	0.96
RAA4-F23S	0-1	5/21/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	220	220
	1-6	5/21/2003	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	570	570
RAA4-F25	0-1	6/4/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	1.5	1.5
	1-6	10/18/2002	ND(230)	ND(230)	ND(230)	ND(230)	ND(230)	ND(230)	520	520
	6-15	10/18/2002	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	71	71
RAA4-F27	0-1	5/22/2002	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	ND(77) [ND(38)]	1500 [1300]	1500 [1300]
	1-6	5/22/2002	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	ND(400)	3900	3900
	6-15	5/22/2002	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	110	110
RAA4-F28	0-1	5/20/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	550	550
	1-6	5/20/2003	ND(190)	ND(190)	ND(190)	ND(190)	ND(190)	ND(190)	1900	1900
RAA4-F29	0-1	5/22/2002	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	ND(7.1) [ND(7.3)]	150 [110]	240 [180]	390 [290]
	1-6	5/22/2002	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	49	55	104
	6-15	5/22/2002	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	23	8.4	31.4
RAA4-F31	0-1	5/22/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.70	0.70
	1-6	5/22/2002	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	200	160	360
	6-15	5/22/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	15	17	32
RAA4-F33	0-1	5/28/2002	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	ND(0.88)	1.7	2.4	4.1
	1-6	5/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.034 J	0.052	0.086
	6-15	5/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-F34	0-1	5/28/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.55	0.83	1.38
	1-6	5/28/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.052	0.12	0.172
	6-15	5/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.016 J	0.016 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-F35	0-1	5/28/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.3	ND(0.040)	1.3
	1-6	5/28/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.5	8.9	16.4
	6-15	5/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-G17	6-15	6/7/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.054	0.054
RAA4-G18N	0-1	5/21/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	4.4	1.7	6.1
	1-6	5/21/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	47	ND(3.8)	47
RAA4-G20	0-1	5/21/2003	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	29	29
	1-6	5/21/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	11	9.1	20.1
RAA4-G23	0-1	5/20/2003	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	70 J [21 J]	70 J [21 J]
	1-3	5/20/2003	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	22	22
	3-6	9/21/2005	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	78	200	278
RAA4-G27	0-1	5/22/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	870	870
	1-6	5/22/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	150	150
	6-15	5/22/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	520	520
RAA4-G27E	1-6	9/23/2005	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	150	330	480
RAA4-G28	0-1	5/20/2003	ND(89)	ND(89)	ND(89)	ND(89)	ND(89)	520	1200	1720
	1-6	5/20/2003	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	380	380
RAA4-G31	0-1	6/24/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.8	1.8
	1-6	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/24/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-G33	0-1	6/20/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.68	0.95	1.63
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	6-15	6/20/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-G34	0-1	6/24/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	1.9	1.5	3.4
	1-6	6/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-H17	0-1	6/14/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	7.2	11	18.2
	6-15	6/14/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.064	0.064
RAA4-H21	0-1	6/4/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.6	5.8	7.4
	1-6	6/4/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	210	210
	6-15	6/4/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	32	32
RAA4-H24	0-1	6/10/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	140	260	400
	1-6	6/10/2002	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	ND(3.6) [ND(1.8)]	20 [22]	32 [41]	52 [63]
	6-15	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	77	77
RAA4-H27	1-6	10/18/2002	ND(89) [ND(46)]	ND(89) [ND(46)]	ND(89) [ND(46)]	ND(89) [ND(46)]	ND(89) [ND(46)]	490 [ND(46)]	1200 [92]	1690 [92]
	6-15	10/18/2002	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.2	8.0	11.2
RAA4-H27S	0-1	5/20/2003	ND(37)	ND(37)	ND(37)	ND(37)	ND(37)	640	1600	2240
	1-6	5/20/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	150	180	330
RAA4-H28S	0-1	5/20/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	52	120	172
	1-6	5/20/2003	ND(39)	ND(39)	ND(39)	ND(39)	ND(39)	ND(39)	260	260
RAA4-H29	0-1	5/22/2002	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	1300	1300
	1-6	5/22/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	710	710
	6-15	5/22/2002	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	16	16
RAA4-H31	0-1	6/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.37	0.50	0.87
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/20/2002	ND(0.039)	ND(0.039)	ND(0.039)	1.0	ND(0.039)	0.54	0.62	2.16
RAA4-HH30	0-1	9/12/2005	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	9.7	23	32.7
RAA4-I15	0-1	4/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.0	4.7	6.7
RAA4-I19	0-1	6/7/2002	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	28	20	48
	1-6	6/7/2002	ND(7.7)	ND(7.7)	ND(7.7)	ND(7.7)	ND(7.7)	18	ND(7.7)	18
	6-15	6/7/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	20	20
RAA4-I21	0-1	4/22/2002	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	8.1	10	18.1
RAA4-I23	0-1	4/25/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	86	79	165
	1-6	4/25/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	83	90	173
	6-15	4/25/2002	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	ND(2.1) [ND(0.86)]	22 [18]	34 [24]	56 [42]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-I25	0-1	6/3/2002	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	3.8	8.4	12.2
	1-6	6/3/2002	ND(78)	ND(78)	ND(78)	ND(78)	ND(78)	ND(78)	500	500
	6-15	6/3/2002	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	160	160
RAA4-I27	0-1	6/3/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	26	26
	1-6	6/3/2002	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	58	58
	6-15	10/18/2002	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	24	24
RAA4-I28	0-1	9/12/2005	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	5.1	5.1
RAA4-K19	0-1	6/13/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	25	13	38
	6-15	6/13/2002	ND(0.041) J	ND(0.041) J	ND(0.041) J	ND(0.041) J	ND(0.041) J	0.035 J	0.024 J	0.059 J
RAA4-K20	0-1	5/21/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	160	85	245
	1-6	5/21/2003	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	48	17	65
RAA4-K21	6-15	6/3/2002	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	9.7	9.7
RAA4-K23	1-6	4/25/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	330	330
	6-15	4/25/2002	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	290	290
RAA4-K25	0-1	6/3/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	2.9	6.9	9.8
	1-6	6/3/2002	ND(80)	ND(80)	ND(80)	ND(80)	ND(80)	ND(80)	870	870
	6-15	6/3/2002	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	ND(0.22) [ND(0.21)]	1.4 [1.3]	1.4 [1.3]
RAA4-L23	0-1	9/16/2005	ND(37) [ND(37)]	ND(37) [ND(37)]	ND(37) [ND(37)]	ND(37) [ND(37)]	ND(37) [ND(37)]	280 [420]	170 [280]	450 [700]
Parcel 4C										
CRA-1	0-2	1/17/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.54	0.74	1.28
	2-5	1/17/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/17/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-2	0-2	1/17/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.49	0.70	1.19
	2-5	1/17/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/17/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-3	0-2	1/17/2001	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)
	2-5	1/17/2001	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)
	5-14	1/17/2001	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]
CRA-4	0-2	1/18/2001	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.10	0.10	0.20
	2-5	1/18/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.18	0.26	0.44
	5-14	1/18/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-5	0-2	1/18/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.35	0.49	0.84
	2-5	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-6	0-2	1/18/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.064	0.22	0.284
	2-5	1/18/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	5-14	1/18/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-7	0-2	1/18/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.048	0.063	0.111
	2-5	1/18/2001	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	5-14	1/18/2001	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]
CRA-8	0-2	1/22/2001	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)
	2-5	1/22/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-14	1/22/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.094	0.094
CRA-9	0-2	1/22/2001	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	5.6	5.6
	2-5	1/22/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.029 J	0.029 J
	5-14	1/22/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-10	0-2	1/22/2001	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.28	0.45	0.73
	2-5	1/22/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/22/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-11	0-2	1/23/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.28	0.78	1.06
	2-5	1/23/2001	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]
	5-14	1/23/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-12	0-2	1/23/2001	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	3.4	3.4
	2-5	1/23/2001	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.8	0.92	2.72
	5-14	1/23/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
CRA-13	0-2	1/23/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	2-5	1/23/2001	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	5-14	1/23/2001	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
CRA-14	0-2	1/19/2001	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	0.61	1.2	1.81
	2-5	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
CRA-15	0-2	1/19/2001	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	0.80	1.5	2.3
	2-5	1/19/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/19/2001	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.13	0.13
CRA-16	0-2	1/19/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.32	0.57	0.89
	2-5	1/19/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.35	0.79	1.14
	5-14	1/19/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.063	0.082	0.145
CRA-17	0-2	1/19/2001	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	42	42
	2-5	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-18	0-2	1/23/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.32	0.32
	2-5	1/23/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	5-14	1/23/2001	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-19	0-2	1/23/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.14	0.24	0.38
	2-5	1/23/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/23/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
CRA-20	0-2	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.026 J	0.032 J	0.058 J
	2-5	1/31/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.13	0.22	0.35
	5-14	1/31/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-21	0-2	1/31/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	2-5	1/31/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.085	0.12	0.205
	5-14	1/31/2001	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]
CRA-22	0-2	1/31/2001	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	0.43	0.52	0.95
	2-5	1/31/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	5-14	1/31/2001	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Parcel 4D										
RAA4-24	0-1	1/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.080	0.22	0.15	0.45
	1-3	1/2/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-25	0-1	1/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.97	0.97
	1-3	1/2/2002	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [0.022 J]	0.026 J [0.023 J]	0.026 J [0.045 J]
RAA4-26	0-1	1/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.38	0.38
	1-3	1/2/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.074	0.074
RAA4-E38	0-1	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.24	0.36
	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.079	0.13	0.209
	6-15	5/14/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.53	0.53
RAA4-E38S	0-1	5/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.19	0.19
	1-6	5/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.7	1.7
RAA4-E39	0-1	5/14/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.16	0.16
	1-6	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.28	0.28
	6-15	5/14/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.3	3.3
RAA4-E40	0-1	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.67	1.2	1.87
	1-6	5/13/2002	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.024 J]	ND(0.038) [0.024 J]
	6-15	5/13/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.0	6.0
RAA4-E41	1-6	5/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.024 J	0.024 J
	6-15	5/13/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.5	2.5
RAA4-E41S	0-1	5/14/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.19	0.29	0.48
	1-6	5/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-E42	0-1	1/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	ND(0.40)	0.22
	1-3	1/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	1/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	1/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-F36	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-F37	0-1	5/14/2002	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	61	61
RAA4-F41	0-1	4/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.071	0.14	0.211
	1-6	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	4/24/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	0.012 J
RAA4-F42	0-1	5/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.36	0.42	0.78
	1-6	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	5/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-F43	0-1	7/8/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	7/8/2002	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]
	6-15	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-G35	0-1	6/24/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.26	0.26
	1-6	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-G36	0-1	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.045	0.045
	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	6-15	5/14/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.044	0.066
RAA4-H33	0-1	6/20/2002	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	ND(0.43) [ND(0.43)]	1.3 [2.9]	1.6 J [3.4 J]	2.9 J [6.3 J]
	1-6	6/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.34	0.54	0.88
	6-15	6/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.21	0.21
RAA4-H34	0-1	6/6/2002	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	13	26	39
	1-6	6/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.76	1.0	1.76
	6-15	6/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-H35	0-1	4/23/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.28	0.40
	1-6	4/23/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	4/23/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-I31	0-1	5/29/2002	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	120	110	230
	1-6	5/29/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.22	0.34	0.56
	6-15	5/29/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.015 J	0.015 J
RAA4-I33	0-1	6/6/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.4	5.7	9.1
	1-6	6/6/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.45	0.86	1.31
	6-15	6/6/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.043	0.043
RAA4-I34	0-1	6/6/2002	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	1.5	3.5	5.0
	1-6	6/6/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.067	0.12	0.187
	6-15	6/6/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-I35	0-1	6/6/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.34	0.50	0.84
	1-6	6/6/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	3.0	3.0
	6-15	6/6/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-K33	0-1	6/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.094	0.16	0.254
	1-6	6/6/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.033 J	0.037	0.070
	6-15	6/6/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.016 J	0.016 J
Parcel 4E										
RAA4-I30	0-1	6/25/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	390	390
RAA4-J27	0-1	9/13/2005	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	2800	2800
RAA4-J28	0-1	6/25/2002	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	ND(8.9)	54	54
RAA4-J29	0-1	6/25/2002	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	6.6	7.2	13.8
RAA4-J30	0-1	6/25/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.1	1.1
RAA4-J31	0-1	6/25/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	8.5	15	23.5
RAA4-K26	0-1	9/12/2005	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	170	170
RAA4-K27	0-1	6/17/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	39	39
	1-3	6/17/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	540	540
	3-6	6/17/2002	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	1100	1100
	6-15	6/17/2002	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	ND(4.9) [ND(9.6)]	78 [270]	78 [270]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-K28	0-1	6/25/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.51	0.76	1.27
RAA4-K29	0-1	5/29/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	2.4	2.2	4.6
	1-3	5/29/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.052	0.052
	3-6	5/29/2002	ND(0.040)	ND(0.040)	ND(0.040)	0.15	ND(0.040)	0.30	0.18	0.63
	6-15	5/29/2002	ND(39)	ND(39)	ND(39)	300	ND(39)	570	280	1150
RAA4-K30	0-1	4/22/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	6.1	14	20.1
RAA4-K31	0-1	6/17/2002	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	16	29	45
	1-3	6/17/2002	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	110	120	230
	3-6	6/17/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	220	220
	6-15	6/17/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	140	140
RAA4-L13	0-1	5/16/2003	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	4.5	ND(0.73)	4.5
RAA4-L14	0-1	5/20/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	96	90	186
RAA4-L15	0-1	5/20/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	180	98	278
RAA4-L16	0-1	5/21/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	180	200	380
RAA4-L17	0-1	5/20/2003	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	1600	ND(200)	1600
RAA4-L18	0-1	9/20/2005	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	41	39	80
RAA4-L19	0-1	9/20/2005	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	15 J	39	54
RAA4-L24	0-1	9/28/2005	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	4.0	9.2	13.2
RAA4-L25	0-1	9/12/2005	ND(180)	ND(180)	ND(180)	ND(180)	ND(180)	2200	ND(180)	2200
RAA4-L26	0-1	9/13/2005	ND(35)	ND(35)	ND(35)	ND(35)	ND(35)	50	74	124
RAA4-L27	0-1	6/25/2002	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	970	970
RAA4-L28	0-1	6/25/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	1.2	1.5	2.7
RAA4-L29	0-1	6/25/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	24	24
RAA4-L30	0-1	6/25/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	4.1	4.1
RAA4-L31	0-1	6/25/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	11	8.0	19
RAA4-M6	0-1	5/16/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.2	1.4	2.6
RAA4-M8	0-1	6/25/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.5	3.1	6.6
RAA4-M9	0-1	7/2/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.13	0.063	0.193
	1-3	7/2/2002	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.059 [0.096]	0.021 J [0.049]	0.080 [0.145]
	3-6	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	7/2/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-M10	0-1	5/14/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.12	0.040	0.16
RAA4-M11	0-1	7/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.33	0.12	0.45
	1-3	7/2/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)
	3-6	7/2/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)
	6-15	7/2/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-M12	0-1	5/14/2003	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	4.6	1.3	5.9
RAA4-M13	0-1	6/28/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	140	ND(18)	140
	1-3	6/28/2002	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	120	ND(3.9)	120
	3-6	6/28/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	6/28/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.030 J	ND(0.045)	0.030 J
RAA4-M14	0-1	6/26/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.039	0.031 J	0.070
RAA4-M15	0-1	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.068	0.060	0.128
	1-3	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.017 J	0.018 J	0.035 J
	6-15	7/8/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.014 J	ND(0.041)	0.014 J
RAA4-M16	0-1	7/8/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	85	47	132
RAA4-M17	6-15	6/10/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-M18	0-1	9/20/2005	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	4.3	4.3
RAA4-M19	0-1	6/10/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	2.3	0.85	3.15
	1-3	6/10/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	8.5	2.6	11.1
	3-6	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	22	8.0	30
	6-15	6/10/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.20	0.11	0.31
RAA4-M20	0-1	9/26/2005	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	7.9	3.6	11.5

TABLE B-1
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CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-M21	0-1	6/13/2002	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	78	20	98
	1-3	6/13/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	140	33	173
	3-6	6/13/2002	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	44	ND(3.7)	44
	6-15	6/13/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.018 J	ND(0.042)	0.018 J
RAA4-M22	0-1	9/16/2005	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	440	310	750
RAA4-M23	0-1	6/14/2002	ND(75)	ND(75)	ND(75)	ND(75)	ND(75)	1100	690	1790
	1-3	6/14/2002	ND(74)	ND(74)	ND(74)	ND(74)	ND(74)	ND(74)	970	970
	3-6	6/14/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	110	110
	6-15	6/14/2002	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	0.042 [0.034 J]	ND(0.042) [ND(0.039)]	0.042 [0.034 J]
RAA4-M24	0-1	5/21/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	300	280	580
	1-3	5/21/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	370	240	610
	3-6	5/21/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	97	42	139
RAA4-M25	0-1	9/13/2005	ND(35)	ND(35)	ND(35)	ND(35)	ND(35)	120	44	164
RAA4-M27	0-1	5/29/2002	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	14	18	32
	1-3	5/29/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.33	0.45	0.78
	3-6	5/29/2002	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	1.4	ND(0.77)	1.4
	6-15	5/29/2002	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [0.066]	ND(0.045) [ND(0.046)]	0.058 [0.17]	0.068 [0.16]	0.126 [0.396]
RAA4-M28	0-1	6/25/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.026 J	0.041	0.067
RAA4-M29	0-1	6/18/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	0.22	0.44
	1-3	6/18/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.86	0.75	1.61
	3-6	6/18/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA4-M30	0-1	4/22/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	15	34	49
RAA4-N4	0-1	9/14/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.82	0.50	1.32
RAA4-N5	0-1	6/26/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA4-N6	0-1	9/14/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.021 J	0.051	0.072
RAA4-N7	0-1	5/14/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.042	0.044	0.086
RAA4-N8	0-1	6/25/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	6.5	13	19.5
RAA4-N10	0-1	5/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.073	0.183
RAA4-N11	0-1	5/14/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.015 J	0.015 J
RAA4-N12	0-1	5/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.30	ND(0.038)	0.30
RAA4-N13	0-1	5/14/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	10	ND(2.1)	10
RAA4-N14	0-1	5/16/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	200	ND(18)	200
RAA4-N16	0-1	6/26/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	23	5.6	28.6
RAA4-N17	0-1	9/20/2005	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	30 J	51	81
	1-3	9/20/2005	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	42	83	125
	3-6	9/20/2005	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.7	2.8	4.5
RAA4-N18	0-1	9/16/2005	ND(52)	ND(52)	ND(52)	ND(52)	ND(52)	210	360	570
RAA4-N19	0-1	9/20/2005	ND(3600)	ND(3600)	ND(3600)	ND(3600)	ND(3600)	ND(3600)	8300	8300
RAA4-N20	0-1	9/20/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.31	0.55	0.86
RAA4-N21	0-1	9/16/2005	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	3.3	0.65	3.95
RAA4-N22	0-1	9/16/2005	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	13	4.3	17.3
RAA4-N23	0-1	9/15/2005	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	260	150	410
RAA4-N24	0-1	9/15/2005	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	430	280	710
RAA4-N25	0-1	9/15/2005	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	36	18	54
RAA4-N27	0-1	9/12/2005	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	140	240	380
RAA4-N28	0-1	9/13/2005	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	3.7	8.2	11.9
RAA4-O2	0-1	5/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.91	0.84	1.75
RAA4-O3	0-1	6/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.017 J	0.070	0.087
	1-3	6/12/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.043	0.043
	3-6	6/12/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.020 J	0.020 J
	6-15	6/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.025 J	0.025 J
RAA4-O4	0-1	6/26/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.33	0.34	0.67

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-O5	0-1	6/12/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	12	17	29
	1-3	6/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.1	0.56	1.66
	3-6	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.91	0.41	1.32
	6-15	6/12/2002	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	0.33 [ND(0.042)]	1.5 [ND(0.042)]	1.83 [ND(0.042)]
RAA4-O6	0-1	6/25/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.2	3.1	4.3
RAA4-O7	0-1	7/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.22	0.21	0.43
	1-3	7/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.24	0.24	0.48
	3-6	7/3/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.12	0.088	0.208
	6-15	7/3/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA4-O8	0-1	5/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA4-O9	0-1	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.0	0.92	1.92
	1-3	6/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.027 J	0.065	0.092
	3-6	6/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/12/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA4-O10	0-1	5/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.039	0.039
RAA4-O11	0-1	7/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.074	0.045	0.119
	1-3	7/2/2002	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [ND(0.037)]	ND(0.040) [0.022 J]	ND(0.040) [0.034 J]	ND(0.040) [0.056 J]
	3-6	7/2/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	7/2/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA4-O12	0-1	5/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.60	0.33	0.93
RAA4-O13	0-1	6/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.10	0.23
	1-3	6/12/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	0.057	0.177
	3-6	6/12/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.041 J	0.041 J
	6-15	6/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA4-O14	0-1	6/26/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	6.5	3.0	9.5
RAA4-O15	0-1	6/14/2002	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	97	97
	1-3	6/14/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	75	28	103
	3-6	6/14/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	4.3	2.0	6.3
	6-15	6/14/2002	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.6	ND(1.0)	1.6
RAA4-O16	0-1	6/26/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	120	140	260
RAA4-O17	0-1	6/10/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.31	0.64	0.95
	1-3	6/10/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	15	52	67
	3-6	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	16	31	47
	6-15	6/10/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	2.0	3.9	5.9
RAA4-O18	0-1	9/16/2005	ND(180) [ND(180)]	ND(180) [ND(180)]	ND(180) [ND(180)]	ND(180) [ND(180)]	ND(180) [ND(180)]	ND(180) [ND(180)]	4400 [6300]	4400 [6300]
RAA4-O19	0-1	6/27/2002	ND(17)	ND(17)	ND(17)	ND(17)	ND(17)	180	600	780
	1-3	6/27/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	32	23	55
	3-6	6/27/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	24	24
	6-15	6/27/2002	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	8.5	ND(2.5)	8.5
RAA4-O22	0-1	9/16/2005	ND(190)	ND(190)	ND(190)	ND(190)	ND(190)	3600	4000	7600
RAA4-O24	0-1	9/15/2005	ND(39)	ND(39)	ND(39)	ND(39)	ND(39)	160	270	430
RAA4-O25	6-15	6/14/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	290	ND(20)	290
RAA4-P2	0-1	6/25/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	2.6	2.3	4.9
RAA4-P3	0-1	7/8/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA4-P4	0-1	5/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-P5	0-1	5/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.10	0.079	0.179
RAA4-P6	0-1	6/26/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	1.2	1.3	2.5
RAA4-P7	0-1	5/14/2003	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	2.5	1.8	4.3
RAA4-P8	0-1	5/16/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.43	0.19	0.62
RAA4-P9	0-1	6/25/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	5.0	3.3	8.3
RAA4-P10	0-1	5/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.82	0.62	1.44
RAA4-P11	0-1	5/20/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	5.4	5.2	10.6
RAA4-P14	0-1	6/26/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.33	0.30	0.63

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
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
RAA4-P21	0-1	9/26/2005	ND(0.72) [ND(0.36)]	ND(0.72) [ND(0.36)]	ND(0.72) [ND(0.36)]	ND(0.72) [ND(0.36)]	ND(0.72) [ND(0.36)]	17 J [7.7 J]	26 J [9.6 J]	43 J [17.3 J]
RAA4-P22	0-1	9/20/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.79	0.84	1.63
RAA4-P24	0-1	9/15/2005	ND(39)	ND(39)	ND(39)	ND(39)	ND(39)	500	210	710
RAA4-P25	0-1	9/15/2005	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	8.8	8.2	17
RAA4-Q3	0-1	6/28/2002	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	1.1	2.5	3.6
	1-3	6/28/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.50	0.42	0.92
	3-6	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	6/28/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.032 J	ND(0.046)	0.032 J
RAA4-Q3N	0-1	5/15/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.30	0.30
	1-3	5/15/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.80	0.38	1.18
	3-6	5/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-Q4	0-1	6/26/2002	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	19	19
RAA4-Q05	0-1	6/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.77	0.60	1.37
	1-3	6/27/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.13	0.23	0.36
	3-6	6/27/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	6/27/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.014 J	0.018 J	0.032 J
RAA4-Q6	0-1	6/18/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.5	2.5
	1-3	6/18/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.10	0.10
	3-6	6/18/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.083	0.083
	6-15	6/18/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.46	0.42	0.88
RAA4-Q8	0-1	6/26/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.73	0.56	1.29
RAA4-Q9	0-1	6/26/2002	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	17	11	28
RAA4-R4	0-1	6/26/2002	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	70 [54]	ND(2.0) [ND(4.0)]	70 [54]
RAA4-R5	0-1	6/26/2002	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	1300	ND(38)	1300
	1-3	5/15/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.9	1.9
	3-6	5/15/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.16	0.11	0.27
Lyman Street RAA										
I9-8-3-RAA4-J-2	0-1	11/25/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.12	0.30	0.42
I9-8-3-RAA4-K-2	0-1	11/25/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
I9-8-4-RAA4-H1	0-1	12/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.68	0.67	1.35
I9-8-4-RAA4-H-2	0-1	11/25/2003	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	1.0 [1.9]	1.1 [1.8]	2.1 [3.7]
I9-8-4-RAA4-HH-2	0-1	11/25/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.43	0.54	0.97
I9-8-4-RAA4-I-2	0-1	11/25/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.46	0.49	0.95
RAA12-F32	1-3	9/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.14	0.12	0.26
	3-6	9/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	9/3/2002	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	9/3/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA12-H34	6-10	8/30/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.024 J	ND(0.040)	0.024 J
	10-15	8/30/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
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 B-2
EPA SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 4A											
RAA4-I11S	2S-BH000605-0-0000	0-1	4/25/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.26 J	3.3	3.56
RAA4-K15	2S-BH000739-0-0010	1-6	4/18/2002	ND(550)	ND(550)	ND(550)	ND(550)	ND(550)	2000	ND(550) J	2000
RAA4-M5	2S-BH000603-0-0000	0-1	4/25/2002	ND(0.075) J	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	0.18 J	4.7	4.88
	2S-BH000603-0-0010	1-6	4/25/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.049 J	0.049 J
RAA4-O1	2S-BH000604-0-0000	0-1	4/25/2002	ND(0.36)	0.23 J	0.47	0.058 J	NA	5.4	9.9	16.1
Parcel 4B											
60-1	2S-BH000775-0-0000	0-1	7/16/2002	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	16	18	34
	2S-BH000775-0-0010	1-6	7/16/2002	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	22	22
	2S-BH000775-0-0060	6-15	7/16/2002	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	21	21
60-5	2S-BH000778-0-0000	0-1	7/17/2002	ND(53)	ND(53)	ND(53)	ND(53)	ND(53)	570	290	860
	2S-BH000778-0-0010	1-6	7/17/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	12	5.7	17.7
	2S-BH000778-0-0060	6-15	7/17/2002	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	4.7	2.1	6.8
RAA4-2	2S-BH000309-0-0060	6-15	1/24/2001	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.26	0.26
RAA4-4	2S-BH000310-0-0060	6-15	1/24/2001	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
RAA4-16	2S-BH000311-0-0060	6-15	1/24/2001	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	11	11
RAA4-17	2S-BH000316-0-0060	6-15	1/29/2001	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	0.60	0.60
RAA4-A33	2S-BH000615-0-0060	6-15	5/16/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.29	0.29
RAA4-A35	2S-BH000619-0-0010	1-6	5/16/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.77	0.77
RAA4-A37	2S-BH000611-0-0060	6-15	5/15/2002	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	0.12 J	0.19 J	0.31 J
RAA4-B29	2S-BH000664-0-0060	6-15	5/20/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.051	0.051
RAA4-B34	2S-BH000616-0-0060	6-15	5/16/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.76	0.76
RAA4-B35	2S-BH000612-0-0060	6-15	5/15/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.14 J	1.5	1.64
RAA4-C27	2S-BH000586-0-0000	0-1	4/22/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.65 J	9.3	9.95
RAA4-C29	2S-BH000665-0-0010	1-6	5/21/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.12	0.12
	2S-BH000665-0-0060	6-15	5/21/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.037 J	0.037 J
RAA4-C31	2S-BH000663-0-0010	1-6	5/20/2002	ND(0.38) [ND(0.37)]	ND(0.38) [ND(0.37)]	ND(0.38) [ND(0.37)]	ND(0.38) [ND(0.37)]	ND(0.38) [ND(0.37)]	0.76 J [0.89]	8.1 [9.5]	8.86 [10.4]
	2S-BH000663-0-0060	6-15	5/20/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.34 J	6.2	6.54
RAA4-C33	2S-BH000661-0-0010	1-6	5/20/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	1.3	7.2	8.5
	2S-BH000661-0-0060	6-15	5/20/2002	ND(0.35) J	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	0.87	7.7	8.57
RAA4-C34	2S-BH000624-0-0010	1-6	5/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.6	1.6
	2S-BH000624-0-0060	6-15	5/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.6	1.6
RAA4-C35	2S-BH000626-0-0010	1-6	5/17/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	0.95	6.0	6.95
	2S-BH000626-0-0060	6-15	5/17/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.64 J	5.0	5.64
RAA4-C36	2S-BH000613-0-0060	6-15	5/15/2002	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	1.0 J	12	13
RAA4-D25	2S-BH000596-0-0000	0-1	4/24/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.022 J	0.090	0.112
RAA4-D27	2S-BH000667-0-0010	1-6	5/21/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.76	0.76
RAA4-D31	2S-BH000668-0-0010	1-6	5/21/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	0.36 J	1.3 J	1.66 J
	2S-BH000668-0-0060	6-15	5/21/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	3.3 J	73	76.3
RAA4-D33	2S-BH000669-0-0010	1-6	5/21/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.71 J	5.9	6.61
	2S-BH000669-0-0060	6-15	5/21/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.058	0.058
RAA4-D34	2S-BH000592-0-0000	0-1	4/23/2002	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)	4.1	4.1
	2S-BH000592-0-0060	6-15	4/23/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.72	0.72
RAA4-D35	2S-BH000625-0-0060	6-15	5/17/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	1.3 J	23	24.3
RAA4-D36	2S-BH000610-0-0060	6-15	5/15/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	15 J	270	285
RAA4-E29	2S-BH000666-0-0010	1-6	5/21/2002	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	14 J	71	85
	2S-BH000666-0-0060	6-15	5/21/2002	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	15	130	145
RAA4-E35	2S-BH000627-0-0060	6-15	5/17/2002	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	0.78 J	16	16.8
RAA4-F23	2S-BH000597-0-0010	1-6	4/24/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	5.5	5.5
	2S-BH000597-0-0060	6-15	4/24/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.7	1.7
RAA4-F27	2S-BH000670-0-0060	6-15	5/22/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	3.2 J	73	76.2
RAA4-F29	2S-BH000673-0-0010	1-6	5/22/2002	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	40 J	180 J	220 J
RAA4-F29	2S-BH000673-0-0060	6-15	5/22/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	1.2 J	1.5	2.7

TABLE B-2
EPA SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA4-F31	2S-BH000672-0-0010	1-6	5/22/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	120	120	240
	2S-BH000672-0-0060	6-15	5/22/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	11	29	40
RAA4-G27	2S-BH000671-0-0010	1-6	5/22/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	5.8 J	110	116
	2S-BH000671-0-0060	6-15	5/22/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	96	310	406
RAA4-H29	2S-BH000674-0-0010	1-6	5/22/2002	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	100 J	480	580
	2S-BH000674-0-0060	6-15	5/22/2002	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	13 J	92	105
RAA4-I21	2S-BH000590-0-0000	0-1	4/22/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	3.7 J	23	26.7
RAA4-I23	2S-BH000601-0-0000	0-1	4/25/2002	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	62 J	140	202
	2S-BH000601-0-0060	6-15	4/25/2002	ND(0.42) [ND(0.41)]	ND(0.42) [ND(0.41)]	ND(0.42) [ND(0.41)]	ND(0.42) [ND(0.41)]	ND(0.42) [ND(0.41)]	2.0 J [2.7 J]	15 [24]	17 [26.7]
RAA4-K23	2S-BH000602-0-0000	0-1	4/25/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	100 J	210	310
X-16	2S-BH000350-0-0060	6-15	1/31/2001	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.14 J	0.14 J
Parcel 4C											
CRA-3	2S-BH000292-0-0050	5-14	1/17/2001	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019) J	ND(0.019)
CRA-8	2S-BH000301-0-0050	5-14	1/22/2001	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	0.14	0.14
CRA-13	2S-BH000306-0-0020	2-5	1/23/2001	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
Parcel 4D											
RAA4-E38	2S-BH000608-0-0060	6-15	5/14/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.62	0.62
RAA4-E39	2S-BH000607-0-0010	1-6	5/14/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.054 J	0.95	1.0
RAA4-F36	2S-BH000609-0-0000	0-1	5/14/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	3.1	3.1
	2S-BH000609-0-0010	1-6	5/14/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	2S-BH000609-0-0060	6-15	5/14/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-F41	2S-BH000598-0-0000	0-1	4/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.15	0.15
RAA4-H35	2S-BH000595-0-0000	0-1	4/23/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.35	0.35
SL0003	080598SB07	0-0.5	8/5/1998	NA	NA	NA	NA	ND(0.37)	0.85	2.7	3.55
	080598SB08	1-1.5	8/5/1998	NA	NA	NA	NA	ND(0.088)	0.25	0.71	0.96
	080598SB09	2-2.5	8/5/1998	NA	NA	NA	NA	ND(0.072)	0.15	0.39	0.54
SL0005	080598SB13	0-0.5	8/5/1998	NA	NA	NA	NA	ND(9.8)	12	62	74
	080598SB14	1-1.5	8/5/1998	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	1.4	10	11.4
	080598SB15	2-2.5	8/5/1998	NA	NA	NA	NA	ND(0.37)	2.4 J	3.0	5.4
SL0006	080598SB16	0-0.5	8/5/1998	NA	NA	NA	NA	ND(0.58)	1.6	7.8	9.4
	080598SB17	1-1.5	8/5/1998	NA	NA	NA	NA	ND(0.092)	0.16	0.78	0.94
	080598SB18	2-2.5	8/5/1998	NA	NA	NA	NA	ND(0.093)	0.17 J	0.79	0.96
SL0009	080598SB25	0-0.5	8/5/1998	NA	NA	NA	NA	ND(0.37)	0.64	3.7	4.34
	080598SB26	1-1.5	8/5/1998	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	0.15	0.95	1.1
SL0011	080798CT04	0-0.5	8/7/1998	NA	NA	NA	NA	ND(0.056)	0.14	0.78	0.92
	080798CT05	1-1.5	8/7/1998	NA	NA	NA	NA	ND(0.018)	ND(0.018)	0.021	0.021
	080798CT06	2-2.5	8/7/1998	NA	NA	NA	NA	ND(0.018)	ND(0.018)	0.034	0.034
SL0022	080798SB07	0-0.5	8/7/1998	NA	NA	NA	NA	ND(0.55)	1.5	4.0	5.5
	080798SB08	1-1.5	8/7/1998	NA	NA	NA	NA	ND(0.035)	0.11	0.24	0.35
	080798SB09	2-2.5	8/7/1998	NA	NA	NA	NA	ND(0.035)	0.046	0.12	0.166
SL0028	080698SB01	0-0.5	8/6/1998	NA	NA	NA	NA	ND(0.22)	ND(0.22)	0.58	0.58
	080698SB02	1-1.5	8/6/1998	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	0.24	1.7	1.94
SL0030	080698SB05	0-0.5	8/6/1998	NA	NA	NA	NA	ND(1.7) [ND(0.86)]	ND(1.7) [0.98]	8.6 [6.0]	8.6 [6.98]
	080698SB07	1-1.5	8/6/1998	NA	NA	NA	NA	ND(0.93)	ND(0.93)	6.3	6.3
SL0033	080698SB14	0-0.5	8/6/1998	ND(0.090)	ND(0.090)	ND(0.090)	ND(0.090)	ND(0.090)	0.10	0.57	0.67
	080698SB15	1-1.5	8/6/1998	NA	NA	NA	NA	ND(0.017)	ND(0.017)	0.062	0.062
	080698SB16	2-2.5	8/6/1998	NA	NA	NA	NA	ND(0.017)	ND(0.017)	0.034	0.034
SL0036	080698SB24	0-0.5	8/6/1998	NA	NA	NA	NA	ND(0.053)	0.12	0.53	0.65
	080698SB25	1-1.5	8/6/1998	NA	NA	NA	NA	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
	080698SB26	2-2.5	8/6/1998	NA	NA	NA	NA	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
SL0043	080698CT07	0-0.5	8/6/1998	NA	NA	NA	NA	ND(3.5)	ND(3.5)	20	20
SL0046	080698CT14	0-0.5	8/6/1998	NA	NA	NA	NA	ND(0.17) [ND(0.17)]	ND(0.17) [ND(0.17)]	0.43 J [0.56]	0.43 J [0.56]
	080698CT16	1-1.5	8/6/1998	NA	NA	NA	NA	ND(0.017)	ND(0.017)	0.058	0.058
	080698CT17	2-2.5	8/6/1998	NA	NA	NA	NA	ND(0.017)	0.022 J	0.11	0.132

TABLE B-2
EPA SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SL0345	083198MS24	0-0.5	8/31/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	7.4	7.4
	083198MS25	1-1.5	8/31/1998	NA	NA	NA	NA	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)
	083198MS26	2-2.5	8/31/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)
SL0378	090198MS08	0-0.5	9/1/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	0.89 J	0.89 J
	090198MS09	1-1.5	9/1/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)
	090198MS10	2-2.5	9/1/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.52)
SL0381	090198MS17	0-0.5	9/1/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	1.4	1.4
	090198MS18	1-1.5	9/1/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.52)
	090198MS19	2-2.5	9/1/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	2.5	2.5
SL0394	090198MS27	0-0.5	9/1/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	0.39 J	0.39 J
	090198MS28	1-1.5	9/1/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)
	090198MS29	2-2.5	9/1/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.026 J	ND(0.057)	0.026 J
SL0397	090298MS05	0-0.5	9/2/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)
	090298MS06	1-1.5	9/2/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)
	090298MS07	2-2.5	9/2/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	ND(0.55)	ND(0.55)
SL0399	090298MS11	0-0.5	9/2/1998	NA	NA	NA	NA	ND(0.57)	ND(0.57)	3.8	3.8
	090298MS12	1-1.5	9/2/1998	NA	NA	NA	NA	ND(0.51) [ND(0.53)]	ND(0.51) [ND(0.53)]	13 [13]	13 [13]
	090298MS14	2-2.5	9/2/1998	NA	NA	NA	NA	ND(0.58)	ND(0.58)	17	17
SL0400	090298MS15	0-0.5	9/2/1998	NA	NA	NA	NA	ND(1.2)	ND(1.2)	31	31
	090298MS16	1-1.5	9/2/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	5.4	5.4
	090298MS17	2-2.5	9/2/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	5.6	5.6
SL0403	090298MS24	0-0.5	9/2/1998	NA	NA	NA	NA	ND(0.54) [ND(0.53)]	ND(0.54) [ND(0.53)]	25 [0.52 J]	25 [0.52 J]
	090298MS26	1-1.5	9/2/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	6.7	6.7
	090298MS27	2-2.5	9/2/1998	NA	NA	NA	NA	ND(0.54)	ND(0.54)	0.94	0.94
SL0405	090398MS04	0-0.5	9/3/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	21	21
	090398MS05	1-1.5	9/3/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	6.8	6.8
	090398MS06	2-2.5	9/3/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	3.3	3.3
SL0406	090398MS07	0-0.5	9/3/1998	NA	NA	NA	NA	ND(0.61)	ND(0.61)	4.7	4.7
	090398MS08	1-1.5	9/3/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	ND(0.55)	ND(0.55)
	090398MS09	2-2.5	9/3/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)
SL0409	090398MS16	0-0.5	9/3/1998	NA	NA	NA	NA	ND(2.8)	ND(2.8)	69	69
	090398MS17	1-1.5	9/3/1998	NA	NA	NA	NA	ND(2.7)	ND(2.7)	47	47
	090398MS18	2-2.5	9/3/1998	NA	NA	NA	NA	ND(2.7) [ND(1.1)]	ND(2.7) [ND(1.1)]	41 [31]	41 [31]
SL0411	090398MS23	0-0.5	9/3/1998	NA	NA	NA	NA	ND(0.58)	ND(0.58)	7.0	7.0
	090398MS24	1-1.5	9/3/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	0.85	0.85
	090398MS25	2-2.5	9/3/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	24	24
SL0412	090398MS26	0-0.5	9/3/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	25	25
	090398MS27	1-1.5	9/3/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	26	26
	090398MS28	2-2.5	9/3/1998	NA	NA	NA	NA	ND(0.54)	ND(0.54)	1.9	1.9
Parcel 4E											
60-4	2S-BH000779-0-0000	0-1	7/17/2002	ND(39)	ND(39)	ND(39)	ND(39)	ND(39)	360	90 J	450
	2S-BH000779-0-0010	1-6	7/17/2002	ND(4.3) [ND(6.8)]	ND(4.3) [ND(6.8)]	ND(4.3) [ND(6.8)]	ND(4.3) [ND(6.8)]	ND(4.3) [ND(6.8)]	27 [47]	13 [22]	40 [69]
	2S-BH000779-0-0060	6-15	7/17/2002	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	89	34	123
RAA4-K29	2S-BH000680-0-0060	6-15	5/29/2002	ND(78)	ND(78)	ND(78)	500	ND(78)	960	360 J	1820
RAA4-K30	2S-BH000588-0-0000	0-1	4/22/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	1.4 J	16	17.4
RAA4-M30	2S-BH000589-0-0000	0-1	4/22/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	7.3 J	86	93.3
RAA4-O15	2S-BH000732-0-0060	6-15	6/14/2002	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.7	1.5 J	4.2
RAA4-O19	2S-BH000745-0-0060	6-15	6/26/2002	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	29	6.7	35.7
RAA4-O25	2S-BH000730-0-0060	6-15	6/14/2002	ND(61)	ND(61)	ND(61)	ND(61)	ND(61)	590 J	ND(61) J	590 J
RAA4-P11	2S-BH000999-0-0040	4-6	5/20/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
SL0014	080798CT13	0-0.5	8/7/1998	NA	NA	NA	NA	ND(0.35) [ND(0.17)]	0.65 [0.42]	2.8 [2.0]	3.45 [2.42]
	080798CT15	1-1.5	8/7/1998	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	1.6	2.9	4.5
	080798CT16	2-2.5	8/7/1998	NA	NA	NA	NA	ND(0.086)	0.41	0.93	1.34

TABLE B-2
EPA SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SL0017	080798CT23	0-0.5	8/7/1998	NA	NA	NA	NA	ND(0.88)	2.0	11	13
	080798CT24	1-1.5	8/7/1998	NA	NA	NA	NA	ND(3.6)	6.5	52	58.5
	080798CT25	2-2.5	8/7/1998	NA	NA	NA	NA	ND(5.5)	7.0	66	73
SL0025	080798SB17	0-0.5	8/7/1998	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	0.39	2.2	2.59
	080798SB18	1-1.5	8/7/1998	NA	NA	NA	NA	ND(0.017)	0.067	0.23	0.297
	080798SB19	2-2.5	8/7/1998	NA	NA	NA	NA	ND(3.4)	5.1	35	40.1
SL0037	080798SB26	0-0.5	8/7/1998	NA	NA	NA	NA	ND(0.90)	2.7	9.1	11.8
	080798SB27	1-1.5	8/7/1998	NA	NA	NA	NA	ND(0.18)	1.2	1.9	3.1
	080798SB28	2-2.5	8/7/1998	NA	NA	NA	NA	ND(0.18)	1.4	2.0	3.4
SL0040	080798CT33	0-0.5	8/7/1998	ND(110)	ND(110)	ND(110)	ND(110)	ND(110)	ND(110)	160	160
	080798CT34	1-1.5	8/7/1998	NA	NA	NA	NA	ND(18)	77	31	108
	080798CT35	2-2.5	8/7/1998	NA	NA	NA	NA	ND(18)	85	34	119
SL0048	081098SB01	0-0.5	8/10/1998	NA	NA	NA	NA	ND(53)	700	92 J	792
	081098SB02	1-1.5	8/10/1998	NA	NA	NA	NA	ND(7.0)	63	13 J	76
	081098SB03	2-2.5	8/10/1998	NA	NA	NA	NA	ND(3.5)	43	12 J	55
SL0147	081798CT07	0-0.5	8/17/1998	NA	NA	NA	NA	ND(9.3)	57	52 J	109
	081798CT08	1-1.5	8/17/1998	NA	NA	NA	NA	ND(1.8)	12	12	24
	081798CT09	2-2.5	8/17/1998	NA	NA	NA	NA	ND(1.8)	17	18	35
SL0150	081798CT16	0-0.5	8/17/1998	NA	NA	NA	NA	ND(18) [ND(18)]	110 [110]	130 [110 J]	240 [220]
	081798CT18	1-1.5	8/17/1998	NA	NA	NA	NA	ND(92)	140	1100	1240
	081798CT19	2-2.5	8/17/1998	NA	NA	NA	NA	ND(46)	ND(46)	100	100
SL0152	081798CT23	0-0.5	8/17/1998	NA	NA	NA	NA	ND(18)	ND(18)	40	40
	081798CT24	1-1.5	8/17/1998	NA	NA	NA	NA	ND(0.088)	0.16	0.72	0.88
	081798CT25	2-2.5	8/17/1998	NA	NA	NA	NA	ND(0.37)	0.64	3.1	3.74
SL0153	081798CT26	0-0.5	8/17/1998	NA	NA	NA	NA	ND(1.8)	4.4	24	28.4
	081798CT27	1-1.5	8/17/1998	ND(9.1)	ND(9.1)	ND(9.1)	ND(9.1)	ND(9.1)	16	140	156
	081798CT28	2-2.5	8/17/1998	NA	NA	NA	NA	ND(3.6)	5.0	54	59
SL0156	081798BT30	0-0.5	8/17/1998	NA	NA	NA	NA	ND(3.7)	14	46	60
	081798BT31	1-1.5	8/17/1998	NA	NA	NA	NA	ND(0.35)	0.93	2.5	3.43
	081798BT32	2-2.5	8/17/1998	NA	NA	NA	NA	ND(0.48)	3.8	1.6 J	5.4
SL0158	081798BT11	0-0.5	8/17/1998	NA	NA	NA	NA	ND(19)	46	130	176
	081798BT12	1-1.5	8/17/1998	NA	NA	NA	NA	ND(18)	ND(18)	53	53
	081798BT13	2-2.5	8/17/1998	NA	NA	NA	NA	ND(38)	ND(38)	110	110
SL0161	081798BT20	0-0.5	8/17/1998	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	23	30	53
	081798BT21	1-1.5	8/17/1998	NA	NA	NA	NA	ND(4.0)	24	38	62
	081798BT22	2-2.5	8/17/1998	NA	NA	NA	NA	ND(0.59)	5.0 J	9.0	14
SL0163	081798BT26	0-0.5	8/17/1998	NA	NA	NA	NA	ND(19) [ND(19)]	27 [26]	47 [42]	74 [68]
	081798BT28	1-1.5	8/17/1998	NA	NA	NA	NA	ND(0.90)	3.4	8.1	11.5
	081798BT29	2-2.5	8/17/1998	NA	NA	NA	NA	ND(0.89)	3.6	9.6	13.2
SL0166	081798BT39	0-0.5	8/17/1998	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	29	56	85
	081798BT40	1-1.5	8/17/1998	NA	NA	NA	NA	ND(1.8)	14	27	41
	081798BT41	2-2.5	8/17/1998	NA	NA	NA	NA	ND(1.8)	12	20	32
SL0176	081898CT33	0-0.5	8/18/1998	NA	NA	NA	NA	ND(3.8) [ND(3.8)]	4.7 [6.2]	24 [30]	28.7 [36.2]
	081898CT35	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.18)	0.21	0.84	1.05
	081898CT36	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.18)	0.20	0.85	1.05
SL0187	081898CT37	0-0.5	8/18/1998	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	14	14
	081898CT38	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.020)	0.038	0.28	0.318
	081898CT39	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.39)	ND(0.39)	2.4	2.4
SL0190	081998BT07	0-0.5	8/19/1998	NA	NA	NA	NA	ND(1900) J	13000 J	ND(1900) J	13000 J
	081998BT08	1-1.5	8/19/1998	NA	NA	NA	NA	ND(190)	1000	220 J	1220
	081998BT09	2-2.5	8/19/1998	NA	NA	NA	NA	ND(36)	370	130 J	500

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SL0267	082598MS17	0-0.5	8/25/1998	NA	NA	NA	NA	ND(0.36)	ND(0.36)	2.7	2.7
	082598MS18	1-1.5	8/25/1998	NA	NA	NA	NA	ND(0.018)	0.036	0.28	0.316
	082598MS19	2-2.5	8/25/1998	NA	NA	NA	NA	ND(0.018)	ND(0.018)	0.15	0.15
SL0270	082598MS26	0-0.5	8/25/1998	NA	NA	NA	NA	ND(0.89)	2.4	6.8	9.2
	082598MS27	1-1.5	8/25/1998	NA	NA	NA	NA	ND(1.7)	4.2	13	17.2
	082598MS28	2-2.5	8/25/1998	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	1.4 J	3.1	4.5
SL0285	082698MS08	0-0.5	8/26/1998	NA	NA	NA	NA	ND(1.7)	5.9	16	21.9
	082698MS09	1-1.5	8/26/1998	NA	NA	NA	NA	ND(0.19)	0.36	0.85	1.21
	082698MS10	2-2.5	8/26/1998	NA	NA	NA	NA	ND(1.8)	2.2	11	13.2
SL0288	082698MS17	0-0.5	8/26/1998	NA	NA	NA	NA	ND(9.2)	32	110	142
	082698MS18	1-1.5	8/26/1998	NA	NA	NA	NA	ND(8.8)	ND(8.8)	48	48
	082698MS19	2-2.5	8/26/1998	NA	NA	NA	NA	ND(18)	ND(18)	170	170
SL0311	082798MS04	0-0.5	8/27/1998	NA	NA	NA	NA	ND(2.8)	ND(2.8)	56	56
	082798MS05	1-1.5	8/27/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	19	19
	082798MS06	2-2.5	8/27/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	9.2	9.2
SL0314	082798MS14	0-0.5	8/27/1998	NA	NA	NA	NA	ND(11)	ND(11)	180	180
	082798MS15	1-1.5	8/27/1998	NA	NA	NA	NA	ND(5.4)	ND(5.4)	150	150
	082798MS16	2-2.5	8/27/1998	NA	NA	NA	NA	ND(2.6)	ND(2.6)	65	65
SL0316	082798MS20	0-0.5	8/27/1998	NA	NA	NA	NA	ND(1.2)	ND(1.2)	31	31
	082798MS21	1-1.5	8/27/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	21	21
	082798MS22	2-2.5	8/27/1998	NA	NA	NA	NA	ND(5.8)	ND(5.8)	130	130
SL0317	082798MS23	0-0.5	8/27/1998	NA	NA	NA	NA	ND(30)	ND(30)	360	360
	082798MS24	1-1.5	8/27/1998	NA	NA	NA	NA	ND(2.6)	ND(2.6)	35	35
	082798MS25	2-2.5	8/27/1998	NA	NA	NA	NA	ND(2.7)	ND(2.7)	59	59
SL0320	082898MS08	0-0.5	8/28/1998	NA	NA	NA	NA	ND(5.4)	ND(5.4)	99	99
	082898MS09	1-1.5	8/28/1998	NA	NA	NA	NA	ND(5.3)	ND(5.3)	180	180
	082898MS10	2-2.5	8/28/1998	NA	NA	NA	NA	ND(56) [ND(11)]	ND(56) J [1800 J]	1900 J [220 J]	1900 J [2020 J]
SL0323	082898MS18	0-0.5	8/28/1998	NA	NA	NA	NA	ND(2.8)	ND(2.8)	110	110
	082898MS19	1-1.5	8/28/1998	NA	NA	NA	NA	ND(2.7)	ND(2.7)	110	110
	082898MS20	2-2.5	8/28/1998	NA	NA	NA	NA	ND(11)	ND(11)	160 J	160 J
SL0326	082898MS28	0-0.5	8/28/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	4.4	4.4
	082898MS29	1-1.5	8/28/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	5.6	5.6
	082898MS30	2-2.5	8/28/1998	NA	NA	NA	NA	ND(0.53)	ND(0.53)	10	10
SL0339	083198MS04	0-0.5	8/31/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	8.4	8.4
	083198MS05	1-1.5	8/31/1998	NA	NA	NA	NA	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)
	083198MS06	2-2.5	8/31/1998	NA	NA	NA	NA	ND(0.52) [ND(0.53)]	16 J [3.0 J]	ND(0.52) J [1.7 J]	16 J [4.7 J]
SL0342	083198MS14	0-0.5	8/31/1998	NA	NA	NA	NA	ND(2.6)	ND(2.6)	70	70
	083198MS15	1-1.5	8/31/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	16	16
	083198MS16	2-2.5	8/31/1998	NA	NA	NA	NA	ND(0.52)	ND(0.52)	10	10

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. NA - Not Analyzed - EPA did not report results for this analyte.
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 - Estimated Value.

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel 4A											
Y-11	P2Y110002	0-2	6/12/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	ND(0.12)	14	6.5	20.5
	P2Y110204	2-4	6/12/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	10	12	22
	P2Y110406	4-6	6/12/1991	ND(0.25)	NA	ND(0.25)	ND(0.25)	ND(0.25)	22	12	34
	P2Y110608	6-8	6/12/1991	ND(0.20)	NA	ND(0.20)	ND(0.20)	ND(0.20)	15	6.2	21.2
	P2Y110810	8-10	6/12/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	7.0	2.5	9.5
Y-16	P2Y160002	0-2	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y160204	2-4	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.12	ND(0.050)	0.12
	P2Y160406	4-6	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	ND(0.050)	0.070
	P2Y160608	6-8	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y160810	8-10	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.080	ND(0.020)	0.080
	P2Y161012	10-12	6/14/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-21	P2Y210002	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.35	0.56	0.91
	P2Y210204	2-4	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.1	1.1
	P2Y210406	4-6	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.26	0.26
	P2Y210608	6-8	6/24/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
	P2Y210810	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y211012	10-12	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y211214(CC)	12-14	6/24/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.44	0.44
	P2Y211214(IT)	12-14	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.21	0.21
	P2Y211416	14-16	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Parcel 4B											
206S	206S0-6	0-0.5	9/17/1997	ND(8.5)	ND(17)	ND(8.5)	ND(8.5)	ND(8.5)	ND(8.5)	310 B	310
207S	207S0-6	0-0.5	9/17/1997	ND(1.8)	ND(9.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	1.8 B	1.8
209S	209S0-6	0-0.5	9/17/1997	ND(0.38)	ND(0.76)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.8 B	3.8
95-04	204B0002	0-2	3/11/1996	ND(0.37)	ND(0.76)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	3.8	3.8
	204B0204	2-4	3/11/1996	ND(2.0)	ND(4.1)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	390	390
	204B0810	8-10	3/11/1996	ND(0.36)	ND(0.74)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	150	150
	204B1012	10-12	3/11/1996	ND(2.1)	ND(4.2)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	4.8	4.8
95-05	205B0204	2-4	2/12/1996	ND(0.35)	ND(0.71)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	29	29
	205B0406	4-6	2/12/1996	ND(0.74)	ND(1.5)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	140	140
	205B0810	8-10	2/12/1996	ND(0.043)	ND(0.087)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	7.5	7.5
	205B1012	10-12	2/12/1996	ND(1.9)	ND(3.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	68	68
	205B1214	12-14	2/12/1996	ND(2.0)	ND(4.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	66	66
95-07	207B0002	0-2	2/23/1996	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	3100	3100
	207B0204	2-4	2/23/1996	ND(0.18)	ND(0.37)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.37)
	207B0406	4-6	2/23/1996	ND(1.9)	ND(3.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	13 P	13
	207B0608	6-8	2/23/1996	ND(0.36)	ND(0.72)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.72)
	207B0810	8-10	2/23/1996	ND(0.38)	ND(0.77)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	1.1	1.1
	207B1214	12-14	2/23/1996	ND(0.38)	ND(0.78)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.78)
	207B1416	14-16	2/23/1996	ND(2.3)	ND(4.6)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(4.6)
95-08	208B0002	0-2	2/29/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.65	0.65
	208B0204	2-4	2/29/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	5.2	5.2
	208B0406	4-6	2/29/1996	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.072)
	208B0608	6-8	2/29/1996	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.032 JP	0.032 J
	208B0810	8-10	2/29/1996	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.048 J	0.048 J
	208B1012	10-12	2/29/1996	ND(0.041)	ND(0.083)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.083)
	208B1214	12-14	2/29/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.076)
	208B1416	14-16	2/29/1996	ND(0.045)	ND(0.091)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.091)

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
95-19	219B0102	1-2	2/13/1996	ND(0.038)	ND(0.072)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	4.8	4.8
	219B0204	2-4	2/13/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.9	1.9
	219B0406	4-6	2/13/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.66 P	0.66
	219B0608	6-8	2/13/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.22	0.22
	219B0810	8-10	2/13/1996	ND(0.18)	ND(0.38)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.98 P	0.98
	219B1012	10-12	2/13/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.21	0.21
	219B1214	12-14	2/13/1996	ND(0.044)	ND(0.089)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.15	0.15
	219B1416	14-16	2/13/1996	ND(0.044)	ND(0.090)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.072	0.072
95-26	226B0002	0-2	2/22/1996	ND(0.78)	ND(1.6)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	330 P	330
	226B00204	2-4	2/22/1996	ND(0.040)	ND(0.081)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	11 P	11
	226B0406	4-6	2/22/1996	ND(0.041)	ND(0.084)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	5.4	5.4
	223B0608	6-8	2/22/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.034 J	0.034 J
	226B0810	8-10	2/22/1996	ND(0.042)	ND(0.086)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	1.4 P	1.4
	226B1012	10-12	2/22/1996	ND(0.42)	ND(0.86)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	0.44 J	0.44 J
E2SC-05	E2SC-05-CS01	0-1	10/25/1998	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.6	1.6
	E2SC-05-CS0106	1-6	10/25/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.29	0.29
	E2SC-05-CS0615	6-15	10/25/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.13
E2SC-06	E2SC-06-CS01	0-1	10/23/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.59	0.59
	E2SC-06-CS0106	1-6	10/23/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.072	0.072
	E2SC-06-CS0615	6-15	10/23/1998	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
E2SC-07	E2SC-07-CS01	0-1	10/28/1998	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	0.79	0.79
	E2SC-07-CS0106	1-6	10/28/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.28	0.28
	E2SC-07-CS0615	6-15	10/28/1998	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.4	1.4
E2SC-14	E2SC-14-CS01	0-1	10/8/1998	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)	0.60	0.60
	E2SC-14-CS0106	1-6	10/8/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	E2SC-14-CS0615	6-15	10/8/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-25	E2SC-25-CS01	0-1	8/16/1999	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	3.1	3.1
	E2SC-25-CS0106	1-6	8/16/1999	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)
	E2SC-25-CS0615	6-15	8/16/1999	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.4	2.4
ES2-5	P205B0002	0-2	1/18/1991	ND(0.45)	NA	ND(0.45)	ND(0.45)	0.45	5.4	1.1	6.95
	P205B0204	2-4	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P205B0406	4-6	1/18/1991	ND(0.15) [ND(0.020)]	NA	ND(0.15) [ND(0.020)]	ND(0.15) [ND(0.020)]	ND(0.15) [ND(0.020)]	0.71 [ND(0.020)]	ND(0.13) [2.8]	0.71 [2.8]
	P205B0608	6-8	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P205B0810	8-10	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	ND(0.050)	0.070
	P205B1012	10-12	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P205B1214	12-14	1/18/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P205B1416	14-16	1/18/1991	ND(0.21)	NA	ND(0.21)	ND(0.21)	0.21	1.3	0.46	1.97
RCP-C1	RCP-SS-C1	0-1	10/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.21)	1.8	1.8
	RCP-SS-C2	1-2	10/24/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.40)	18	18
TW-SB-1	ESA2-TW-SB-1	0-1	5/27/1999	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	7.2	7.2
	ESA2-TW-SB-1	1-2	5/27/1999	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	6.8	6.8
	ESA2-TW-SB-1	2-4	5/27/1999	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)
	ESA2-TW-SB-1	4-6	5/27/1999	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)
	ESA2-TW-SB-1	6-8	5/27/1999	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)
	ESA2-TW-SB-1	8-10	5/27/1999	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)
	ESA2-TW-SB-1	10-14	5/27/1999	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)
X-4	P2X040002	0-2	6/25/1991	ND(0.050)	NA	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.43	0.43
	P2X040204	2-4	6/25/1991	ND(2.8)	NA	NA	ND(2.8)	ND(2.8)	ND(4.4)	100	100
	P2X040406	4-6	6/25/1991	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	22	ND(0.11)	57	79
	P2X040406(IT)	4-6	6/25/1991	ND(45)	NA	ND(45)	ND(45)	ND(45)	ND(51)	1800	1800
	P2X040608(CC)	6-8	6/25/1991	ND(7.4)	NA	ND(7.4)	ND(7.4)	ND(7.4)	110	190	300
	P2X040810	8-10	6/25/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	2.6*	29	73	105
	P2X041012	10-12	6/25/1991	ND(74)	NA	ND(74)	ND(74)	ND(74)	ND(99)	3500	3500

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
X-5	P2X050002	0-2	6/25/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.19)	7.5	7.5
	P2X050204	2-4	6/25/1991	ND(9.4)	NA	ND(9.4)	ND(9.4)	ND(9.4)	ND(9.4)	280	280
	P2X050406	4-6	6/25/1991	ND(20)	NA	ND(20)	ND(20)	20*	150	150	320
	P2X050608	6-8	6/25/1991	ND(22)	NA	ND(22)	ND(22)	22*	85	360	467
	P2X050810(CC)	8-10	6/25/1991	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	4600	880	5480
	P2X050810(IT)	8-10	6/25/1991	ND(33)	NA	ND(33)	ND(33)	ND(33)	ND(33)	1100	1100
	P2X051012	10-12	6/25/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	2.8	3.8	6.6
	P2X051214	12-14	6/25/1991	ND(0.39)	NA	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.42)	8.8	8.8
X-6	P2X060002	0-2	6/25/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.090)	2.2	2.2
	P2X060204	2-4	6/25/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	13	64	77
	P2X060406(CC)	4-6	6/25/1991	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	3.1	3.1
	P2X060406(IT)	4-6	6/25/1991	ND(1.6)	NA	ND(1.6)	ND(1.6)	ND(1.6)	ND(0.48)	75	75
	P2X060608	6-8	6/25/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	3.7	2.0	5.7
	P2X060810	8-10	6/25/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.070
X-7	P2X070002	0-2	6/26/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.20)	7.3	7.3
	P2X070204	2-4	6/26/1991	ND(1.4)	NA	ND(1.4)	ND(1.4)	ND(1.4)	ND(0.98)	27	27
	P2X070406	4-6	6/26/1991	ND(0.46)	NA	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.22)	9.1	9.1
	P2X070608(CC)	6-8	6/26/1991	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	9.3	9.3
	P2X070608(IT)	6-8	6/26/1991	ND(0.54)	NA	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.41)	18	18
	P2X070810	8-10	6/26/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.1	1.1
	P2X071012	10-12	6/26/1991	ND(0.34)	NA	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.45)	15	15
	P2X071214	12-14	6/26/1991	ND(0.27)	NA	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.26)	8.2	8.2
	P2X071416	14-16	6/26/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.2)	27	27
X-8	P2X080002	0-2	6/28/1991	ND(0.35)	NA	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.98)	26	26
	P2X080204(CC)	2-4	6/28/1991	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	28	28
	P2X080204(IT)	2-4	6/28/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	2.7	8.1	10.8
	P2X080406	4-6	6/28/1991	ND(0.75)	NA	ND(0.75)	ND(0.75)	ND(0.75)	ND(1.1)	25	25
	P2X080608	6-8	6/28/1991	ND(0.48)	NA	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	14	14
	P2X080810	8-10	6/28/1991	ND(0.89)	NA	ND(0.89)	ND(0.89)	ND(0.89)	ND(1.0)	25	25
	P2X081012	10-12	6/28/1991	ND(0.52)	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.99)	33	33
	P2X081214	12-14	6/28/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.1)	39	39
X-9	P2X090002	0-2	7/1/1991	ND(0.13)	ND(0.13)	NA	ND(0.13)	ND(0.13)	3.1	3.1	6.2
	P2X090204	2-4	7/1/1991	ND(0.050)	ND(0.050)	NA	ND(0.050)	ND(0.050)	0.080	0.43	0.51
	P2X090406	4-6	7/1/1991	ND(0.25)	ND(0.25)	NA	ND(0.25)	ND(0.25)	1.1	6.4	7.5
	P2X090608	6-8	7/1/1991	ND(0.33)	ND(0.33)	NA	ND(0.33)	ND(0.33)	0.91	6.3	7.21
	P2X090810	8-10	7/1/1991	ND(1.5)	ND(1.5)	NA	ND(1.5)	ND(1.5)	ND(0.47)	10	10
	P2X091012	10-12	7/1/1991	ND(0.26)	ND(0.26)	NA	ND(0.26)	ND(0.26)	1.3	7.7	9.0
	P2X091214	12-14	7/1/1991	ND(0.050)	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060
X-10	P2X100002	0-2	7/2/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	ND(1.9)	50	50
	P2X100204(CC)	2-4	7/2/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	41	41
	P2X100204(IT)	2-4	7/2/1991	ND(3.4)	NA	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.8)	170	170
	P2X100608	6-8	7/2/1991	ND(3.2)	NA	ND(3.2)	ND(3.2)	ND(3.2)	ND(4.1)	140	140
	P2X100810	8-10	7/2/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	ND(3.9)	ND(4.1)	160	160
	P2X101012	10-12	7/2/1991	ND(3.1)	NA	ND(3.1)	ND(3.1)	ND(3.1)	ND(1.5)	38	38
X-12	P2X120002	0-2	7/3/1991	ND(9.1)	NA	ND(9.1)	ND(9.1)	21*	ND(9.1)	450	471
	P2X120204	2-4	7/3/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.9)	40	40
	P2X120406	4-6	7/3/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	0.58	5.1	5.68
	P2X120608	6-8	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.17	0.24
	P2X120810(CC)	8-10	7/3/1991	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	7.7	7.7
	P2X120810(IT)	8-10	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	1.2

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
X-13	P2X130002	0-2	7/3/1991	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	1.7	1.7
	P2X130002(IT)	0-2	7/3/1991	ND(0.19)	NA	ND(0.19)	ND(0.19)	ND(0.19)	4.1	9.9	14
	P2X130406	4-6	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.11	0.59	0.70
	P2X130810	8-10	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X131012	10-12	7/3/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.13	0.13
X-14	P2X140002	0-2	7/5/1991	ND(0.14)	NA	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.40)	9.5	9.5
	P2X140204	2-4	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.080)	1.5	1.5
	P2X140406(CC)	4-6	7/5/1991	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
	P2X140406(IT)	4-6	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.99	0.99
	P2X140608	6-8	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
	P2X140810	8-10	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X141012	10-12	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.50	0.50
	P2X141214	12-14	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.7	1.7
	P2X141416	14-16	7/5/1991	ND(0.75)	NA	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.92)	35	35
X-15	P2X150002	0-2	7/5/1991	ND(0.090)	NA	ND(0.090)	ND(0.090)	ND(0.090)	0.37	17	17.4
	P2X150204	2-4	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.1	2.3	3.4
	P2X150406	4-6	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.81	1.7	2.51
	P2X150608	6-8	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.25	0.25
	P2X150810(CC)	8-10	7/5/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	P2X150810(IT)	8-10	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	1.2
	P2X151012	10-12	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
	P2X151214	12-14	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X151416	14-16	7/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.0	1.0
X-16	P2X160002	0-2	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.070	0.070
	P2X160204	2-4	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.52	0.60
	P2X160406	4-6	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X160608	6-8	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.090	0.090
	P2X160810(CC)	8-10	7/8/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	P2X160810(IT)	8-10	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.12	0.12
	P2X161012	10-12	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X161214	12-14	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.24	0.24
X-18	P2X180002	0-2	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.14	0.50	0.64
	P2X180204	2-4	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X180406	4-6	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060
	P2X180608	6-8	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X180810	8-10	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.050	0.050
	P2X181416(CC)	14-16	7/8/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.32	0.32
	P2X181416(IT)	14-16	7/8/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
X-19	P2X190002	0-2	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.41	0.41
	P2X190204	2-4	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.27	0.19	0.46
	P2X190406	4-6	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.22	0.22
	P2X190608	6-8	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.050	0.13
	P2X190810	8-10	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.31	0.76	1.07
X-20	P2X200002	0-2	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.6	1.6
	P2X200204	2-4	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X200406	4-6	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X200608	6-8	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X200810	8-10	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X201012(CC)	10-12	7/9/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.22	0.22
	P2X201012(IT)	10-12	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2X201214	12-14	7/9/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.10	0.10

TABLE B-3
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(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Y-9	P2Y090002	0-2	6/7/1991	ND(49)	NA	ND(49)	ND(49)	ND(49)	1900	520	2420
	P2Y090204	2-4	6/7/1991	ND(0.90)	NA	ND(0.90)	ND(0.90)	ND(0.90)	47	7.0	54
	P2Y090406	4-6	6/7/1991	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	69	36	105
	P2Y090608	6-8	6/7/1991	ND(0.050) [ND(10)]	NA	ND(0.050) [ND(10)]	ND(0.050) [ND(10)]	ND(0.050) [ND(10)]	0.050 [220]	ND(0.040) [200]	0.050 [420]
	P2Y090810	8-10	6/7/1991	ND(5.7)	NA	ND(5.7)	ND(5.7)	ND(5.7)	120	120	240
	P2Y091012	10-12	6/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.68	0.67	1.35
Y-10	P2Y100002	0-2	6/20/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	ND(2.4)	72	43	115
	P2Y100204(CC)	2-4	6/20/1991	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	42	42
	P2Y100204(IT)	2-4	6/20/1991	ND(0.93)	NA	ND(0.93)	ND(0.93)	4.4*	ND(0.93)	30	34.4
	P2Y100406	4-6	6/20/1991	ND(3.8)	NA	ND(3.8)	ND(3.8)	ND(3.8)	73	74	150
	P2Y100608	6-8	6/20/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(1.6)	26	26
	P2Y100810	8-10	6/20/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	2.4*	4.4	14	20.8
	P2Y101012	10-12	6/20/1991	ND(0.71) [ND(5.8)]	NA	ND(0.71) [ND(5.8)]	ND(0.71) [ND(5.8)]	2.1 [15]	ND(0.71) [ND(5.8)]	24 [170]	26.1 [185]
Y-12	P2Y120002	0-2	6/12/1991	ND(3.1)	NA	ND(3.1)	ND(3.1)	ND(3.1)	95	24	119
	P2Y120204	2-4	6/12/1991	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	43	ND(0.40)	43
	P2Y120406	4-6	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y120608	6-8	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.38	0.30	0.68
	P2Y120810	8-10	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.95	0.65	1.6
	P2Y121012	10-12	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y121214	12-14	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.69	0.4	1.1
	P2Y121416	14-16	6/12/1991	ND(0.26)	NA	ND(0.26)	ND(0.26)	ND(0.26)	7.9	2.6	10.5
Y-13	P2Y130002	0-2	6/14/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	24	67	91
	P2Y130204	2-4	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.7	1.7
	P2Y130406	4-6	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.23
	P2Y130608	6-8	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.3	1.3
	P2Y130810	8-10	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.14	0.14
Y-14	P2Y140002	0-2	6/14/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	67	ND(3.7)	67
	P2Y140204	2-4	6/14/1991	ND(5.2)	NA	ND(5.2)	ND(5.2)	ND(5.2)	270	ND(13)	270
	P2Y140406	4-6	6/14/1991	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	19	10	29
	P2Y140608	6-8	6/14/1991	ND(0.41)	NA	ND(0.41)	ND(0.41)	ND(0.41)	19	ND(0.82)	19
	P2Y140810	8-10	6/14/1991	ND(0.86)	NA	ND(0.86)	ND(0.86)	ND(0.86)	24	12	36
	P2Y141012	10-12	6/14/1991	ND(5.9)	NA	ND(5.9)	ND(5.9)	ND(5.9)	260	ND(11)	260
	P2Y141214	12-14	6/14/1991	ND(0.57) [ND(1.3)]	NA	ND(0.57) [ND(1.3)]	ND(0.57) [ND(1.3)]	0.57* [ND(1.3)]	ND(0.24) [71]	8.3 [ND(4.6)]	8.87 [71]
Y-15	P2Y150002	0-2	6/20/1991	ND(6.0)	NA	ND(6.0)	ND(6.0)	12*	ND(6.0)	140	152
	P2Y150204(CC)	2-4	6/20/1991	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	100	39	139
	P2Y150204(IT)	2-4	6/20/1991	ND(0.97)	NA	ND(0.97)	ND(0.97)	6.3*	ND(0.97)	25	31.3
	P2Y150406	4-6	6/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.69	0.69
	P2Y150608	6-8	6/20/1991	ND(0.39)	NA	ND(0.39)	ND(0.39)	1.9*	ND(0.39)	9.0	10.9
	P2Y150810	8-10	6/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y151012	10-12	6/20/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	5.0*	ND(2.6)	700	705
Y-17	P2Y170002	0-2	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	0.44	1.64
	P2Y170204	2-4	6/18/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	7.3	ND(0.020)	7.3
	P2Y170406	4-6	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.31	0.13	0.44
	P2Y170608	6-8	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y170810	8-10	6/18/1991	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	5.1	1.8	6.9
	P2Y171012	10-12	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.15	0.070	0.22
	P2Y171214	12-14	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.54	0.25	0.79
	P2Y171416	14-16	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Y-18	P2Y180002	0-2	6/18/1991	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	16	16	32
	P2Y180204	2-4	6/18/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	7.7	3.9	11.6
	P2Y180406	4-6	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.73	0.86	1.59
	P2Y180608	6-8	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	2.0	2.2	4.2
	P2Y180810	8-10	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.090	0.11	0.20
	P2Y181012	10-12	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.070	0.13
	P2Y181214	12-14	6/18/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-19	P2Y190002	0-2	6/19/1991	ND(3.6)	NA	ND(3.6)	ND(3.6)	ND(3.6)	120	ND(10)	120
	P2Y190204	2-4	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.38	0.48	0.86
	P2Y190406	4-6	6/19/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	120	ND(6.8)	120
	P2Y190608	6-8	6/19/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	6.2	ND(0.72)	6.2
	P2Y190810	8-10	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y191012	10-12	6/19/1991	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	42	4.7	46.7
	P2Y191214	12-14	6/19/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.14	0.47	0.61
Y-20	P2Y200002	0-2	6/20/1991	ND(8.0)	NA	ND(8.0)	ND(8.0)	ND(8.0)	ND(5.1)	140	140
	P2Y200204	2-4	6/20/1991	ND(13)	NA	ND(13)	ND(13)	ND(13)	ND(1.5)	30	30
	P2Y200406(CC)	4-6	6/20/1991	ND(1.13)	ND(1.13)	ND(1.13)	ND(1.13)	ND(1.13)	ND(1.13)	54	54
	P2Y200406(IT)	4-6	6/20/1991	ND(8.0)	NA	ND(8.0)	ND(8.0)	ND(8.0)	ND(5.5)	140	140
	P2Y200608	6-8	6/20/1991	ND(5.4)	NA	ND(5.4)	ND(5.4)	34*	ND(5.4)	190	224
	P2Y200810	8-10	6/20/1991	ND(26)	NA	ND(26)	ND(26)	ND(26)	ND(11)	340	340
	P2Y201012	10-12	6/20/1991	ND(3.7)	NA	ND(3.7)	ND(3.7)	ND(3.7)	ND(13)	410	410
	P2Y201214	12-14	6/20/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	8.8*	ND(1.1)	44	52.8
Y-22	P2Y220002(CC)	0-2	6/24/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	P2Y220002(IT)	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y220204	2-4	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y220406	4-6	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y220608	6-8	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y220810	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-23	P2Y230002	0-2	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.10	0.10
	P2Y230204(CC)	2-4	6/21/1991	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.62	0.68	1.3
	P2Y230204(IT)	2-4	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y230406	4-6	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y230608	6-8	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y230810	8-10	6/21/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
	P2Y231012	10-12	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y231214	12-14	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-24	P2Y240002	0-2	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.22	0.36	0.58
	P2Y240204	2-4	6/24/1991	ND(0.070)	NA	ND(0.070)	ND(0.070)	ND(0.070)	1.0	1.7	2.7
	P2Y240406	4-6	6/24/1991	ND(0.21)	NA	ND(0.21)	ND(0.21)	ND(0.21)	6.2	1.8	8.0
	P2Y240608	6-8	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y240810(CC)	8-10	6/24/1991	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	2.7	0.85	3.55
	P2Y240810(IT)	8-10	6/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y241012	10-12	6/24/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-26	P2Y260002	0-2	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.36	0.36
	P2Y260204(CC)	2-4	6/21/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	P2Y260204(IT)	2-4	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.37	0.35	0.72
	P2Y260406	4-6	6/21/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]
	P2Y260608	6-8	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y260810	8-10	6/21/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Y-27	P2Y270002	0-2	6/21/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y270204	2-4	6/14/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y270406(CC)	4-6	6/14/1991	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	P2Y270406(IT)	4-6	6/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Parcel 4D											
211S	211S0-6	0-0.5	9/17/1997	ND(0.034)	ND(0.069)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	2.6 B	2.6
95-06	206B0002	0-2	2/29/1996	NR	NR	NR	NR	NR	NR	NR	6.4 P
	206B0204	2-4	2/29/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.8	1.8
	206B0406	4-6	2/29/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.041 P	0.041
	206B0810	8-10	2/29/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.4	1.4
	206B1012	10-12	2/29/1996	ND(0.035)	ND(0.071)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	34 P	34
	206B1214	12-14	2/29/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	43 P	43
	206B1416	14-16	2/29/1996	ND(0.039)	ND(0.079)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	44 P	44
95-28	228B0002	0-2	3/11/1996	ND(0.19)	ND(0.39)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	20	20
	228B0204	2-4	2/13/1996	ND(0.035)	ND(0.070)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.11	0.11
	228B0406	4-6	3/11/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.028 J	0.028 J
	228B0608	6-8	3/11/1996	ND(0.039)	ND(0.079)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.10
	228B0810	8-10	3/11/1996	ND(0.039)	ND(0.078)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.053	0.053
	228B1012	10-12	3/11/1996	ND(0.040)	ND(0.080)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.015 J	0.015 J
E2SC-01	E2SC-01-CS01	0-1	10/9/1998	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	0.66	0.66
	E2SC-01-CS0106	1-6	10/9/1998	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	0.71	0.71
	E2SC-01-CS0615	6-15	10/9/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.055	0.055
E2SC-02	E2SC-02-CS01	0-1	10/21/1998	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	49	49
	E2SC-02-CS0106	1-6	10/21/1998	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	43	43
	E2SC-02-CS0615	6-15	10/21/1998	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	17	17
E2SC-03	E2SC-03-CS01	0-1	10/15/1998	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	25	25
	E2SC-03-CS0106	1-6	10/15/1998	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	52	52
	E2SC-03-CS0615	6-15	10/15/1998	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	22	22
E2SC-04	E2SC-04-CS01	0-1	10/13/1998	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	0.99	0.99
	E2SC-04-GS01	0-5	10/13/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	0.12
	E2SC-04-CS0106	1-6	10/13/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.19	0.36
	E2SC-04-GS02	5-15.4	10/13/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	E2SC-04-CS0615	6-15	10/13/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
E2SC-08	E2SC-08-CS0106	1-6	10/14/1998	ND(49)	ND(49)	ND(49)	ND(49)	ND(49)	ND(49)	170	170
	E2SC-08-CS0615	6-15	10/14/1998	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	210	210
E2SC-09	E2SC-09-CS01	0-1	10/21/1998	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	20	20
	E2SC-09-CS0106	1-6	10/21/1998	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	3.9	3.9
	E2SC-09-CS0615	6-15	10/21/1998	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	140	140
E2SC-10	E2SC-10-CS01	0-1	10/20/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.19	0.19
	E2SC-10-CS0106	1-6	10/20/1998	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.15	0.15
	E2SC-10-CS0615	6-15	10/20/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
E2SC-11	E2SC-11-CS01	0-1	10/9/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.10	0.10
	E2SC-11-CS0106	1-6	10/9/1998	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	E2SC-11-CS0615	6-15	10/9/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
E2SC-13	E2SC-13-CS01	0-1	10/7/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.21	0.21
	E2SC-13-CS0106	1-6	10/7/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	E2SC-13-CS0516	6-15	10/7/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.050	0.050
E2SC-16	E2SC-16-CS01	0-1	10/8/1998	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	120	120
	E2SC-16-CS0106	1-6	10/8/1998	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.5	1.5
	E2SC-16-CS0615	6-15	10/8/1998	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	0.68	0.68

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
E2SC-17	E2SC-17-CS01	0-1	10/28/1998	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.4	2.4
	E2SC-17-CS0106	1-6	10/26/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	24	24
	E2SC-17-CS0615	6-15	10/26/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.37	0.37
ES2-1	P201B0002	0-2	1/16/1991	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(1.2)	54	54
	P201B0406	4-6	1/16/1991	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.49)	19	19
	P201B0608	6-8	1/16/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.24)	6.4	6.4
	P201B1012	10-12	1/16/1991	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(1.2)	24	24
	P201B1214	12-14	1/16/1991	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)	ND(1.4)	42	42
	P201B1416	14-16	1/16/1991	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.7)	74	74
ES2-6	P206B0002	0-2	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.5	1.5
	P206B0204	2-4	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.40	0.10	0.50
	P206B0406	4-6	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.20	0.070	0.27
	P206B0608	6-8	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.080	0.080
	P206B0810	8-10	1/10/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.20)	7.5	7.5
	P206B1012	10-12	1/10/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(3.4)	140	140
	P206B1214	12-14	1/10/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	ND(2.4)	ND(6.2)	160	160
	P206B1416	14-16	1/10/1991	ND(1.0)	NA	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	81	81
RCP-C2	RCP-SS-C3	0-1	10/24/1991	ND(0.29)	NA	ND(0.29)	ND(0.29)	ND(0.29)	ND(1.2)	44	44
	RCP-SS-C4	1-2	10/24/1991	ND(0.31)	NA	ND(0.31)	ND(0.31)	ND(0.31)	ND(1.2)	17	17
RCP-C3	RCP-SS-C5	0-1	10/24/1991	ND(0.52)	NA	ND(0.52)	ND(0.52)	ND(0.52)	ND(2.1)	38	38
	RCP-SS-C6	1-2	10/24/1991	ND(0.53)	NA	ND(0.53)	ND(0.53)	ND(0.53)	ND(2.1)	44	44
RCP-C4	RCP-SS-C7	0-1	10/24/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.42)	10	10
	RCP-SS-C8	1-2	10/24/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.10)	1.2	1.2
SL0005	080598SB14(BBL)	1-1.5	8/5/1998	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	18	18
SL0036	080698SB26(BBL)	2-2.5	8/6/1998	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
SL0345	083198MS25(BBL)	1-1.5	8/31/1998	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.24	0.16	0.40
SL0405	090398MS04(BBL)	0-0.5	9/3/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	43	39	82
X-11	P2X110002	0-2	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.60	0.60
	P2X110204	2-4	7/1/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	5.3	0.71	6.01
	P2X110406	4-6	7/1/1991	ND(0.36)	NA	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.40)	22	22
	P2X110608	6-8	7/1/1991	ND(0.28)	NA	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.39)	14	14
	P2X110810	8-10	7/1/1991	ND(0.83)	NA	ND(0.83)	ND(0.83)	ND(0.83)	ND(2.3)	100	100
	P2X111012	10-12	7/1/1991	ND(1.6)	NA	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.0)	67	67
	P2X111416	14-16	7/1/1991	ND(4.0)	NA	ND(4.0)	ND(4.0)	0.83* E	ND(4.0)	89	89.8
Parcel 4E											
208S	208S0-6	0-0.5	9/17/1997	ND(1.8)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	22 B	22
68-EAST-1	68-EAST-1	0-0.5	3/5/1997	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	ND(34) [ND(33)]	250 [260]	170 [170]	420 [430]
		0.5-1	3/5/1997	ND(81)	ND(81)	ND(81)	ND(81)	ND(81)	800	810	1610
		1-1.5	3/5/1997	ND(780)	ND(780)	ND(780)	ND(780)	ND(780)	5700	5700	11400
		1.5-2	3/5/1997	ND(390)	ND(390)	ND(390)	ND(390)	ND(390)	4900	630	5530
68-EAST-2	68-EAST-2	0-0.5	3/5/1997	ND(56)	ND(56)	ND(56)	ND(56)	ND(56)	340	310	650
		0.5-1	3/5/1997	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	10000	10000	20000
		1-1.5	3/5/1997	ND(45)	ND(45)	ND(45)	ND(45)	ND(45)	250	140	390
68-EAST-3	68-EAST-3	0-0.5	3/5/1997	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	57	63	120
		0.5-1	3/5/1997	ND(56)	ND(56)	ND(56)	ND(56)	ND(56)	340	270	610
		1-1.5	3/5/1997	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	ND(58) [ND(81)]	190 [280]	360 [540]	550 [820]
		1.5-2	3/5/1997	ND(23)	ND(23)	ND(23)	ND(23)	ND(23)	190	120	310
68S-1	68S-1	2-4	8/7/1996	ND(15)	ND(15)	ND(15)	ND(15)	ND(15)	160	110	270
		4-6	8/7/1996	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	7.4	4.8	12.2
		6-8	8/7/1996	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	14	7.6	21.6
		8-10	8/7/1996	ND(220)	ND(220)	ND(220)	ND(220)	ND(220)	ND(220)	4200	4200
		10-12	8/7/1996	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	300	300

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
68S-2	68S-2	2-4	8/7/1996	ND(2700)	ND(2700)	ND(2700)	ND(2700)	ND(2700)	ND(2700)	36000	36000
		4-6	8/7/1996	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	ND(50)	380	380
		6-8	8/7/1996	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	2400	2400
		10-12	8/7/1996	ND(130)	ND(130)	ND(130)	ND(130)	ND(130)	ND(130)	1700	1700
68S-3	68S-3	2-4	8/7/1996	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	ND(6300) [ND(11000)]	77000 [130000]	77000 [130000]
		4-6	8/7/1996	ND(480)	ND(480)	ND(480)	ND(480)	ND(480)	ND(480)	4800	4800
		6-8	8/7/1996	ND(990)	ND(990)	ND(990)	ND(990)	ND(990)	ND(990)	14000	14000
		8-10	8/7/1996	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	42	42
68S-4	68S-4	0-2	8/8/1996	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	15000	15000
		2-4	8/8/1996	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	ND(1200)	15000	15000
		4-6	8/8/1996	ND(2400)	ND(2400)	ND(2400)	ND(2400)	ND(2400)	ND(2400)	32000	32000
		6-8	8/8/1996	ND(11000)	ND(11000)	ND(11000)	ND(11000)	ND(11000)	ND(11000)	100000	100000
		8-10	8/8/1996	ND(610)	ND(610)	ND(610)	ND(610)	ND(610)	ND(610)	7200	7200
95-02	202B000.5	0-0.5	2/15/1996	ND(0.062)	ND(0.13	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	3.5	3.5
	202B0204	2-4	2/15/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.81	0.81
	202B0406	4-6	2/15/1996	ND(0.053)	ND(0.11)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	0.14	0.14
	202B0608	6-8	2/15/1996	ND(0.053)	ND(0.11)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	202B0810	8-10	2/15/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.032 J	0.032 J
	202B1012	10-12	2/15/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.012 J	0.012 J
95-03	203B0002	0-2	2/15/1996	ND(0.037)	ND(0.076)	ND(0.037)	ND(0.037)	ND(0.037)	5.9	ND(0.037)	5.9
	203B0204	2-4	2/15/1996	ND(0.20)	ND(0.41)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	230	230
	203B0406	4-6	2/15/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.080	0.080
	203B0608	6-8	2/15/1996	ND(0.036)	ND(0.072)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.087	0.087
	203B0810	8-10	2/15/1996	ND(0.037)	ND(0.076)	ND(0.037)	0.26 P	ND(0.037)	ND(0.037)	0.077	0.337
	203B1214	12-14	3/12/1996	ND(0.040)	ND(0.082)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.27 P	0.27
95-27	227B0810	8-10	2/29/1996	ND(0.038)	ND(0.076)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.027 J	0.027 J
	227B1416	14-16	2/29/1996	ND(0.047)	ND(0.096)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.30	0.30
E2SC-12	E2SC-12-CS01	0-1	10/19/1998	NR	NR	NR	NR	NR	NR	NR	0.19
	E2SC-12-CS0106	1-6	10/19/1998	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	83	91	174
	E2SC-12-CS0615	6-15	10/19/1998	ND(44)	ND(44)	ND(44)	ND(44)	ND(44)	ND(44)	65	65
E2SC-15	E2SC-15-CS01	0-1	11/25/1998	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	18	18
	E2SC-15-CS0106	1-6	10/20/1998	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.1	4.9	8.0
	E2SC-15-CS0615	6-15	10/20/1998	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.26	0.39	0.65
EB-22	3-6C-EB-22	0-0.5	11/7/1997	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	260	210	470
		0.5-1	11/7/1997	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	280	240	520
		1-2	11/7/1997	ND(13)	ND(13)	ND(13)	ND(13)	ND(13)	210	200	410
		2-4	11/7/1997	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	66	21	87
		4-6	11/7/1997	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	9.6	4.1	13.7
		6-8	11/7/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.64	0.41	1.05
		8-10	11/7/1997	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	0.94	0.87	1.81
		10-12	11/7/1997	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	2.6	1.3	3.9
		12-14	11/7/1997	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.54)	ND(0.54)	11	1.9	12.9
		14-16	11/7/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
EB-23	3-6C-EB-23	0-0.5	11/6/1997	ND(13)	ND(13)	ND(13)	ND(13)	ND(13)	190	220	410
		0.5-1	11/6/1997	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	220	96	316
		1-2	11/6/1997	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	23	17	40
		2-4	11/6/1997	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	13	9.9	23
		4-6	11/6/1997	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	48	10	58
		6-8	11/6/1997	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	4.4	1.4	5.8
		8-10	11/6/1997	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	9.5	1.7	11.2
		10-12	11/6/1997	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	10	2.8	12.8
		12-14	11/6/1997	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	47	7.0	54
		14-16	11/6/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	0.55	0.16	0.71

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
EB-24	3-6C-EB-24	0-0.5	11/6/1997	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	42	30	72
		0.5-1	11/6/1997	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	18	9.3	27.3
		1-2	11/6/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	7.6	2.0	9.6
		2-4	11/6/1997	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	12	8.3	20.3
		4-6	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.29	0.29
		6-8	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		8-10	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.15	0.15
		10-12	11/6/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		12-14	11/6/1997	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)
		14-16	11/6/1997	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
EB-25	3-6C-EB-25	0-0.5	11/5/1997	ND(28)	ND(28)	ND(28)	ND(28)	ND(28)	ND(28)	310	310
		0.5-1	11/5/1997	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	ND(2.7)	59	59
		1-2	11/5/1997	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	29	29
		2-4	11/5/1997	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	31	31
		4-6	11/5/1997	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.9	1.9
		6-8	11/5/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.50	0.50
		8-10	11/5/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
		10-12	11/5/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)
		12-14	11/5/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)
EB-26	3-6C-EB-26	0-2	11/4/1997	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	61	61
		2-4	11/4/1997	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	1.7	1.7
		4-6	11/4/1997	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	28	28
		6-8	11/4/1997	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	1.6	1.6
		8-10	11/4/1997	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)
		10-12	11/4/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
		12-14	11/4/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
EB-27	3-6C-EB-27	0-0.5	11/7/1997	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	140	110	250
		0.5-1	11/7/1997	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	150	120	270
		1-2	11/7/1997	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	220	180	400
		2-4	11/7/1997	ND(14)	ND(14)	ND(14)	ND(14)	ND(14)	110	110	220
		4-6	11/7/1997	ND(1.1)	ND(1.1)	ND(1.1)	2.8	ND(1.1)	14	5.9	22.7
		6-8	11/7/1997	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)
		8-10	11/7/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
		10-12	11/7/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
ES2-2	P202B0002	0-2	1/14/1991	ND(18)	NA	ND(18)	ND(18)	18*	280	150	450
	P202B0204	2-4	1/14/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.090	0.32
	P202B0406	4-6	1/14/1991	ND(36)	NA	ND(36)	ND(36)	36*	760	330	1100
	P202B0608	6-8	1/14/1991	ND(20)	NA	ND(20)	ND(20)	20*	160	100	280
	P202B0810	8-10	1/14/1991	ND(18)	NA	ND(18)	ND(18)	18*	280	190	490
	P202B1012	10-12	1/14/1991	ND(0.63)	NA	ND(0.63)	ND(0.63)	0.63*	10	5.5	16
	P202B1214	12-14	1/15/1991	ND(0.20)	NA	ND(0.20)	ND(0.20)	0.20*	3.7	2.1	6.0
	P202B1416	14-16	1/15/1991	ND(0.37)	NA	ND(0.37)	ND(0.37)	0.37*	6.2	3.3	9.9
ES2-3	P203B0002	0-2	1/2/1991	ND(0.46)	NA	ND(0.46)	ND(0.46)	ND(0.46)	ND(2.7)	49	49
	P203B0204	2-4	1/2/1991	ND(0.68)	NA	ND(0.68)	ND(0.68)	ND(0.68)	20	3.0	23
	P203B0406	4-6	1/2/1991	ND(0.14)	NA	ND(0.14)	ND(0.14)	ND(0.14)	5.6	1.8	7.4
	P203B0608	6-8	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.4	1.3	2.7
	P203B0810	8-10	1/2/1991	ND(0.51)	NA	ND(0.51)	ND(0.51)	ND(0.51)	32	ND(7.8)	32
	P203B1012	10-12	1/2/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [0.51]	ND(0.050) [ND(0.080)]	ND(0.050) [0.51]
	P203B1214	12-14	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.21	ND(0.050)	0.21
	P203B1416	14-16	1/2/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	3.2	0.87	4.07

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
ES2-4	P204B0002	0-2	1/11/1991	ND(1.0)	NA	ND(1.0)	ND(1.0)	ND(1.0)	140	ND(10)	140
	P204B0204	2-4	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.61	0.44	1.05
	P204B0608	6-8	1/11/1991	ND(0.060)	NA	ND(0.060)	ND(0.060)	ND(0.060)	11	1.4	12.4
	P204B0810	8-10	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P204B1012	10-12	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P204B1214	12-14	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P204B1416	14-16	1/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	1.5	0.62	2.12
ES2-7	P207B0002	0-2	1/16/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	ND(3.9)	97	110	207
	P207B0204	2-4	1/16/1991	ND(0.080)	NA	ND(0.080)	ND(0.080)	ND(0.080)	1.5	2.6	4.1
	P207B0406	4-6	1/16/1991	ND(3.9)	NA	ND(3.9)	ND(3.9)	3.9*	12	82	97.9
	P207B0608	6-8	1/16/1991	ND(2.9)	NA	ND(2.9)	ND(2.9)	ND(2.9)	ND(5.1)	100	100
	P207B0810	8-10	1/16/1991	ND(19)	NA	ND(19)	ND(19)	37*	ND(19)	440	477
	P207B1012	10-12	1/16/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	0.25*	ND(0.12)	3.8	4.05
	P207B1214	12-14	1/16/1991	ND(0.12)	NA	ND(0.12)	ND(0.12)	0.25*	ND(0.12)	3.7	3.95
	P207B1416	14-16	1/16/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.20	0.20
PGS-1	PGS-1	0-0.5	3/15/1997	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	28	13	41
		0.5-1	3/15/1997	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	5.2	2.9	8.1
PGS-2	PGS-2	0-0.5	3/15/1997	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	1.1	0.96	2.06
		0.5-1	3/15/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	6.0	5.7	11.7
		1-1.5	3/15/1997	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	14	22	36
		1.5-2	3/15/1997	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	2.0	4.6	6.6
PGS-3	PGS-3	0-0.5	3/15/1997	ND(37)	ND(37)	ND(37)	ND(37)	ND(37)	190	290	480
		0.5-1	3/15/1997	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	120	28	148
		1-1.5	3/15/1997	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	ND(4.7)	49	42	91
		1.5-2	3/15/1997	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	21	8.2	29.2
PGS-4	PGS-4	0-0.5	3/15/1997	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)	9.2	1.8	11
		0.5-1	3/15/1997	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	36	7.3	43.3
RF-1	PG01B0002	0-2	10/23/1991	ND(5.0)	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	290	290
	PG01B0204	2-4	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.12)	1.3	1.3
	PG01B0406	4-6	10/23/1991	ND(0.50)	NA	ND(0.50)	ND(0.50)	ND(0.50)	ND(2.0)	26	26
	PG01B0810	8-10	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.86	0.86
	PG01B1012	10-12	10/23/1991	ND(4.6)	NA	ND(4.6)	ND(4.6)	ND(4.6)	ND(2.3)	31	31
	PG01B1214	12-14	10/23/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.43	0.43
	PG01B1416	14-16	10/23/1991	ND(0.10)	NA	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.30)	5.6	5.6
SL0014	080798CT13(BBL)	0-0.5	8/7/1998	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	ND(0.22) [ND(0.56)]	3.1 [3.0]	2.5 [2.4]	5.6 [5.4]
SL0025	080798SB17(BBL)	0-0.5	8/7/1998	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.5	2.1	4.6
SL0153	081798CT27(BBL)	1-1.5	8/17/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	57	57
SL0163	081798BT29(BBL)	2-2.5	8/17/1998	ND(1.5)	ND(1.5)	ND(1.5)	ND(1.5)	ND(1.5)	11	9.9	20.9
SL0267	082598MS18(BBL)	1-1.5	8/25/1998	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.25	0.34	0.59
SL0270	082598MS27(BBL)	1-1.5	8/25/1998	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	6.8	6.3	13.1
SL0314	082798MS14(BBL)	0-0.5	8/27/1998	ND(81)	ND(81)	ND(81)	ND(81)	ND(81)	520	110	630
SL0316	082798MS20(BBL)	0-0.5	8/27/1998	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	31	29	60
SL0326	082898MS28(BBL)	0-0.5	8/28/1998	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)	5.5	5.2	10.7
SL0339	083198MS06(BBL)	2-2.5	8/31/1998	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	1.0	0.92	1.92
SL0342	083198MS14(BBL)	0-0.5	8/31/1998	ND(3.3)	ND(3.3)	ND(3.3)	ND(3.3)	ND(3.3)	44	40	84
X-1	P2X010002	0-2	7/2/1991	ND(8.1)	NA	ND(8.1)	ND(8.1)	ND(8.1)	ND(9.3)	320	320
	P2X010204(CC)	2-4	7/2/1991	ND(12.2)	ND(12.2)	ND(12.2)	ND(12.2)	ND(12.2)	ND(12.2)	740	740
	P2X010204(IT)	2-4	7/2/1991	ND(2.1)	NA	ND(2.1)	ND(2.1)	ND(2.1)	5.4	66	71.4
	P2X010406	4-6	7/2/1991	ND(8.9)	NA	ND(8.9)	ND(8.9)	ND(8.9)	ND(9.6)	410	410
	P2X010608	6-8	7/2/1991	ND(2.3)	NA	ND(2.3)	ND(2.3)	2.3*	12	18	32.3
	P2X010810	8-10	7/2/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	ND(2.6)	26	70	96

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Y-1	P2Y010002	0-2	6/6/1991	ND(29)	NA	ND(29)	ND(29)	ND(29)	630	230	860
	P2Y010204	2-4	6/6/1991	ND(0.35) [ND(46)]	NA	ND(0.35) [ND(46)]	ND(0.35) [ND(46)]	ND(0.35) [ND(46)]	27 [5100]	13 [ND(260)]	40 [5100]
	P2Y010406	4-6	6/6/1991	ND(4.2)	NA	ND(4.2)	ND(4.2)	ND(4.2)	190	52	242
	P2Y010608	6-8	6/6/1991	ND(2.5)	NA	ND(2.5)	ND(2.5)	ND(2.5)	240	ND(14)	240
	P2Y010810	8-10	6/6/1991	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	220	ND(0.48)	220
Y-2	P2Y020002	0-2	6/7/1991	ND(6.1)	NA	ND(6.1)	ND(6.1)	ND(6.1)	380	140	520
	P2Y020204	2-4	6/7/1991	ND(0.47)	NA	ND(0.47)	ND(0.47)	ND(0.47)	7.0	5.3	12.3
	P2Y020406	4-6	6/7/1991	ND(20)	NA	ND(20)	ND(20)	ND(20)	2000	ND(76)	2000
	P2Y020608	6-8	6/7/1991	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	77	20	97
	P2Y020810	8-10	6/7/1991	ND(2.6)	NA	ND(2.6)	ND(2.6)	ND(2.6)	99	6.4	105
Y-3	P2Y030002	0-2	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	110	74	184
	P2Y030204	2-4	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	29	110	139
	P2Y030406	4-6	6/5/1991	ND(0.65)	NA	ND(0.65)	ND(0.65)	ND(0.65)	6.9	11	17.9
	P2Y030608	6-8	6/5/1991	ND(2.0)	NA	ND(2.0)	ND(2.0)	ND(2.0)	89	76	165
	P2Y030810	8-10	6/5/1991	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	34	22	56
	P2Y031012	10-12	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.070	0.13
	P2Y031214	12-14	6/5/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	36	43	79
	P2Y031416	14-16	6/5/1991	ND(0.72)	NA	ND(0.72)	ND(0.72)	ND(0.72)	18	26	44
Y-4	P2Y040002	0-2	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	2.6	1.2	3.8
	P2Y040204	2-4	6/5/1991	ND(0.23)	NA	ND(0.23)	ND(0.23)	ND(0.23)	3.9	5.7	9.6
	P2Y040406	4-6	6/5/1991	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)
	P2Y040608	6-8	6/5/1991	ND(0.15)	NA	ND(0.15)	ND(0.15)	ND(0.15)	1.8	2.0	3.8
	P2Y040810	8-10	6/5/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.23	0.39	0.62
Y-5	P2Y050002	0-2	6/6/1991	ND(0.24)	NA	ND(0.24)	ND(0.24)	ND(0.24)	ND(1.1)	26	26
	P2Y050204	2-4	6/6/1991	ND(1.2)	NA	ND(1.2)	ND(1.2)	ND(1.2)	89	36	125
	P2Y050406	4-6	6/6/1991	ND(1.17)	ND(1.17)	ND(1.17)	ND(1.17)	ND(1.17)	240	ND(1.17)	240
	P2Y050608	6-8	6/6/1991	ND(0.81)	NA	ND(0.81)	ND(0.81)	ND(0.81)	19	3.2	22.2
	P2Y050810	8-10	6/6/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	75	33	108
	P2Y051012	10-12	6/6/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	29	ND(3.0)	29
	P2Y051214	12-14	6/6/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.61)	ND(0.80)	ND(0.80)
Y-6	P2Y060002	0-2	6/11/1991	ND(0.35)	NA	ND(0.35)	ND(0.35)	ND(0.35)	22	ND(1.3)	22
	P2Y060204	2-4	6/11/1991	ND(0.070)	NA	ND(0.070)	ND(0.070)	ND(0.070)	5.9	2.0	7.9
	P2Y060406	4-6	6/11/1991	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	2	0.68	2.68
	P2Y060608	6-8	6/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y060810	8-10	6/11/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Y-7	P2Y070002	0-2	6/6/1991	ND(0.58)	NA	ND(0.58)	ND(0.58)	ND(0.58)	19	19	38
	P2Y070204	2-4	6/6/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.62	1.0	1.62
	P2Y070406	4-6	6/6/1991	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	1.6	0.87	2.47
	P2Y070608	6-8	6/6/1991	ND(0.25)	NA	ND(0.25)	ND(0.25)	ND(0.25)	7.6	7.6	15.2
	P2Y070810	8-10	6/6/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.19	0.21	0.40
Y-8	P2Y080002	0-2	6/12/1991	ND(1.7)	NA	ND(1.7)	ND(1.7)	ND(1.7)	18	200	218
	P2Y080204	2-4	6/12/1991	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.9	7.3	11.2
	P2Y080406	4-6	6/12/1991	ND(0.090)	NA	ND(0.090)	ND(0.090)	ND(0.090)	1.3	6.7	8.0
	P2Y080608	6-8	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	P2Y080810	8-10	6/12/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

TABLE B-3
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I9-8-2-LYMAN STREET											
LS-GWP-4	LS-GWP-4	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	5.1
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	2.7
LS-GWP-5	LS-GWP-5	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	6.5
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	1.5
LS-GWP-13	LS-GWP-13	0-0.5	12/16/1994	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(7.1) [ND(7.1)]	32 [33]	32 [33]
LS-GWP-14	LS-GWP-14	0-0.5	12/16/1994	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(4.1)	13	13
LS-GWP-15	LS-GWP-15	0-0.5	12/16/1994	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(4.8)	32	32
LS-GWP-16	LS-GWP-16	0-0.5	12/16/1994	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	44	18	62
LS-GWP-19	LS-GWP-19	0-0.5	2/21/1995	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	ND(17)	60	60
LS-GWP-22	LS-GWP-22	0-0.5	2/21/1995	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(5.6)	32	32
LSSC-01	LSSC-01-CS01	0-1	1/4/1999	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	200	ND(40)	200
	LSSC-01-CS0103	1-3	1/4/1999	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	17	ND(3.7)	17
	LSSC-01-CS0306	3-6	1/4/1999	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	12	ND(1.8)	12
	LSSC-01-CS0610	6-10	1/4/1999	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	2.8	ND(0.80)	2.8
	LSSC-01-CS1015	10-15	1/4/1999	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.1	1.3	2.4
E-4	OE4B0002(K)	0-2	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.55)	2.0	2.0
	OE4B0002(P)	0-2	8/9/1995	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(1.4)	6.6	6.6
	OE4B0204	2-4	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.45)	1.5	1.5
	OE4B0406	4-6	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.56)	2.0	2.0
	OE4B0608	6-8	8/9/1995	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.23)	0.38	0.38
	OE4B0810	8-10	8/9/1995	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.092)	0.17	0.17
	OE4B1012	10-12	8/9/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.047)	ND(0.047)	ND(0.047)
	OE4B1214	12-14	8/9/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.052)	ND(0.052)	ND(0.052)
	OE4B1416	14-16	8/9/1995	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.053)	ND(0.053)	ND(0.053)
E-5	OE5B0002	0-2	8/10/1995	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	2.4	ND(0.87)	2.4
	OE5B0204	2-4	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B0406	4-6	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.043)	ND(0.043)	ND(0.043)
	OE5B0608(K)	6-8	8/10/1995	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.041)	ND(0.041)	ND(0.041)
	OE5B0608(P)	6-8	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B0810	8-10	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B1012	10-12	8/10/1995	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.051)	ND(0.051)	ND(0.051)
	OE5B1214	12-14	8/10/1995	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.47	ND(0.24)	0.47
	OE5B1416	14-16	8/10/1995	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
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. NR - Not Reported. Total PCB data was entered from summary data tables and not the laboratory report form.
5. Field duplicate sample results are presented in brackets.
6. Sample IDs with (IT) and (CC)suffixes distinguish instances where analyses were performed by by IT Analytical Services and CompuChem Environmental Corporation, respectively, for the same sample ID.
7. Sample IDs with (P) and (K) suffixes distinguish instances where analyses were performed by Quanterra Environmental Services Pittsburgh and Quanterra Environmental Services Knoxville, respectively, for the same sample ID.

Data Qualifiers:

Organics

B - Analyte was also detected in the associated method blank.
E - Analyte exceeded calibration range.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
P - Greater than 25% difference between two chromatographic columns indicating potential bias.
* - The reported concentration was detected in Aroclor-1016, -1232, -1242, and/or -1248.