Pre-Design Investigation Work Plan for East Street Area 2-North Removal Action

General Electric Company
Pittsfield, Massachusetts

April 2003

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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

Transmitted via Overnight Delivery

April 25, 2003

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

Re: GE-Pittsfield/Housatonic River Site
East Street Area 2-North (GECD140)
Pre-Design Investigation Work Plan

Dear Mr. Olson:

In accordance with the schedule in the revised Attachment A to the *Statement of Work for Removal Actions Outside the River*, enclosed for your review is General Electric Company's *Pre-Design Investigation Work Plan for East Street Area 2-North.*

Please call John Novotny or me if you have any questions about this Work Plan.

Sincerely,

Andrew T Silfer/cw

Andrew T. Silfer, P.E.
GE Project Coordinator
V:\GE_Pittsfield_CD_ESA_2_North\Reports and Presentations\PDIWP\27532196.doc

Enclosure

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Appendix

A Compilation of Prior Soil Sampling Data

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 governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that are included within the GE-Pittsfield/Housatonic River Site (the Site). For each Removal Action, the CD and accompanying *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD) establish Performance Standards that must be achieved and specify the work plans and other documents that must be prepared to support the response actions for each RAA. 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.

This *Pre-Design Investigation Work Plan for East Street Area 2-North* (PDI Work Plan) describes the soil investigations proposed by GE to support the evaluation and design of soil-related response actions for the East Street Area 2-North RAA, one of several RAAs that comprise the "GE Plant Area" under the CD. The results of the pre-design investigations for East Street Area 2-North, in combination with usable soil information from prior investigations within this RAA, will be used to support the development of a Conceptual RD/RA Work Plan. Following EPA approval of that document, GE will then prepare a Final RD/RA Work Plan for this Removal Action.

This PDI Work Plan includes a summary of available soils information related to East Street Area 2-North, an assessment of the adequacy of this information for pre-design characterization purposes (relative to the investigation requirements established in the CD and SOW), and a proposal for additional soil investigations. Although the CD and SOW also establish Performance Standards for response actions relating to groundwater and non-aqueous-phase liquid (NAPL), this PDI Work Plan addresses only soils. Response actions related to groundwater and NAPL at East Street Area 2-North are being addressed separately as part of 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 a baseline monitoring program in accordance with GE's *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area.*

It should also be noted that certain existing areas and buildings within the GE Plant Area are included in an agreement, known as the Definitive Economic Development Agreement (DEDA), executed between GE, the City of Pittsfield, and the Pittsfield Economic Development Authority (PEDA), relating to the redevelopment of certain areas of GE's Pittsfield facility. Under the DEDA, GE will demolish the above-grade portions of the following existing buildings in East Street Area 2-North: 1, 2, 3, 3C, 4, 5, 6, 11, 15, 15A, 15W, 16, 16X, 17, 17C, and 19. Unless otherwise agreed to by GE, the City of Pittsfield, and PEDA, the existing base floor slabs and subsurface building foundations will remain. As such, for this PDI Work Plan and consistent with the approach that GE has taken at other RAAs within the GE Plant Area, the soils present beneath these existing buildings will be subject to pre-design soil investigations. The scope of such investigations will be consistent with the requirements established for GE-owned paved areas at the GE Plant Area.

1.2 Format of Document

The remainder of this PDI Work Plan is presented in five sections. Section 2 summarizes background information concerning East Street Area 2-North, including a brief description of the area and a summary of prior soil investigations and available soil analytical data. Section 3 discusses the applicable Performance Standards identified in the CD and SOW for soils within East Street Area 2-North and the related pre-design soil investigation requirements. Section 4 identifies the scope of pre-design activities required to support RD/RA activities for East Street Area 2-North, presents an assessment of the general usability of existing data to satisfy those data needs, and proposes soil investigations to obtain the necessary additional data to fill those data needs. Section 5 presents a proposed schedule for performing the pre-design investigations. Finally, Section 6 provides a summary of anticipated Post-Removal Site Control Activities for East Street Area 2-North following completion of the Removal Action.

2. Background Information

2.1 General

This section of the PDI Work Plan summarizes information concerning East Street Area 2-North, including the soil analytical data available from prior investigations performed in this area. Section 2.2 describes the general boundaries and site features of East Street Area 2-North, while Section 2.3 summarizes the prior soil investigations and available soil analytical data. Several tables and figures are included in this PDI Work Plan to supplement the information presented in this section.

2.2 Description of East Street Area 2-North

East Street Area 2-North occupies an area of approximately 50 acres in the western portion of the GE Plant Area in Pittsfield (Figure 1). This area is generally bounded by Tyler Street to the north, New York Avenue to the east, Woodlawn Avenue and the 40s Complex to the west, and Merrill Road and active railroad property to the south (Figure 1). Approximately 87% of the RAA is currently covered with buildings and pavement. However, several relatively small unpaved areas are present within the eastern portion of this area. East Street Area 2-North is located outside of the 100-year floodplain of the Housatonic River, Silver Lake, and Unkamet Brook.

East Street Area 2-North is comprised of one GE-owned tax parcel (J10-9-2). As presented in the CD and SOW, all of East Street Area 2-North is considered a "commercial/industrial" area.

2.3 Summary of Available Soil Analytical Data

Beginning in the early 1980s, several soil investigations have been conducted within East Street Area 2-North. These included investigations conducted by GE in the 1990s pursuant to an Administrative Consent Order executed in July 1990 by GE and the MDEP and/or a Resource Conservation and Recovery Act (RCRA) Corrective Action Permit issued by EPA to GE effective in January 1994. Prior to executing the CD, the area now comprising the current East Street Area 2-North RAA was divided between two larger areas known as East Street Area 1/USEPA Area 3 and East Street Area 2/USEPA Area 4. Only those data obtained from within East

Street Area 2-North have been summarized and evaluated in this section for the purpose of identifying available data that might satisfy data needs for East Street Area 2-North.

Information concerning East Street Area 2-North and, in particular, the results of the prior soil investigations have been presented in a number of documents submitted by GE [and others]. Certain of these documents include summaries of earlier existing data. The primary documents that provide such information include:

- *Interim Phase II – Comprehensive Site Assessment/Current Assessment Summary Report for East Street Area 1/USEPA Area 3,* Geraghty & Miller, November 1991.

- *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 2/USEPA Area 4,* Blasland, Bouck & Lee, Inc. (BBL), August 1994.

- *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 1/USEPA Area 3,* BBL, October 1994.

- *Geotechnical and Environmental Investigation for Reconstruction of Merrill Road,* GEI Consultants, December 29, 1994.

- *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation for East Street Area 2/USEPA Area 4,* Golder Associates, May 1996.

- *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 1/ USEPA Area 3,* Golder Associates, November 1996.

The investigations previously performed by GE [and others] (described in the reports listed above) have resulted in the collection of approximately 450 soil samples for PCB analysis from or adjacent to this RAA. In addition, approximately 125 soil samples collected within this RAA during prior investigations have been analyzed for one or more groups of non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3). Figure 2 illustrates the prior sampling locations and includes tabular summaries of the PCB data. The soil sampling locations and depths previously sampled for PCBs are also listed in Table 1. The soil sampling locations and depths previously sampled for non-PCB Appendix IX+3 constituents, along with the groups of such constituents

subjected to analysis, are listed in Table 2. The PCB and other Appendix IX+3 analytical results for all samples are presented in Appendix A in tables from prior reports.

Subject to certain conditions, the CD and SOW allow the existing soil data to be incorporated into the pre-design soil investigations for East Street Area 2-North. Section 4.3 of this PDI Work Plan describes the process by which these data were evaluated for usability and, if appropriate, included in the development of the proposed pre-design investigations.

3. Applicable Performance Standards and Related Requirements

3.1 General

This section summarizes those Performance Standards established in the CD and SOW that are applicable to the soil-related response actions within East Street Area 2-North, including pre-design soil investigation requirements.

3.2 Soil-Related Performance Standards

Response actions for soils at East Street Area 2-North must achieve the relevant Performance Standards for the GE Plant Area, set forth in Paragraph 25 of the CD and Section 2.2.2 of the SOW. In general, the Performance Standards reflect several considerations related to each RAA, including property type (e.g., industrial/ commercial, recreational), property ownership within the RAA, and the presence of subsurface utilities potentially subject to emergency repair.

For PCBs in soils, the need for and type of response actions will be based on the results of spatial averaging conducted for soils at East Street Area 2-North. Attachment E to the SOW identifies the averaging areas, the methods to be used to determine existing spatial average PCB concentrations, and the procedures to be used to assess whether the anticipated response actions will achieve the PCB Performance Standards. Attachment F to the SOW describes the evaluation process for non-PCB Appendix IX+3 constituents in soils. The evaluation of non-PCB constituents will generally address the same areas and depths evaluated for PCBs and will take into account the response actions necessary to address the PCBs. For both PCBs and other Appendix IX+3 constituents, East Street Area 2-North consists of only one averaging/evaluation area.

The applicable Performance Standards for PCBs in soils at East Street Area 2-North are summarized below:

- For the unpaved portion of this area, if the spatial average PCB concentration in the top foot of soil exceeds 25 parts per million (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) as necessary to achieve a

spatial average PCB concentration of 25 ppm or less. In addition, GE shall remove any soils containing PCB concentrations greater than 125 ppm from the top foot of unpaved portions of the RAA.

- For the entire area (i.e., both the paved and unpaved portions, including the building slabs remaining after demolition activities), if the spatial average PCB concentration in the top foot exceeds 25 ppm, GE shall recalculate the spatial average PCB concentration after incorporating the anticipated performance of any response actions described above for the unpaved portion. If that recalculated spatial average PCB concentration still exceeds 25 ppm, GE shall maintain and enhance the existing concrete slab surface in those areas of the slab 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.

- If the spatial average PCB concentration in the 1- to 6-foot depth increment in the entire area exceeds 200 ppm (considering the paved and unpaved portions together), GE shall undertake a combination of removal and replacement of soils (in unpaved portions) and/or enhancement of the existing pavement/concrete surfaces in paved areas (in accordance with the specifications for pavement enhancement in Attachment G to 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.

- If, after incorporating the anticipated performance of any response actions in accordance with the foregoing Performance Standards, the spatial average PCB concentration for the 0- to 15-foot depth increment exceeds 100 ppm, GE shall install an engineered barrier (in accordance with the specifications for such barriers in Attachment G of the SOW) either over the soil (in the unpaved portions) or over the pavement (in currently paved areas) or the concrete slabs (in those areas currently covered by Buildings 1-6, 11, 15, 15A, 15W, 16, 16X, 17, 17C, or 19).

- Where utilities potentially subject to emergency repair are present and the spatial average PCB concentration for the soils in the corresponding utility corridor exceeds 200 ppm in the 1- to 6-foot depth increment, GE shall evaluate whether additional response actions are necessary for that corridor and submit that evaluation and a proposal for such response actions if needed, to EPA. In addition, if a new subgrade utility is installed or an existing subgrade utility is repaired or replaced in the future, GE shall ensure that the spatial average PCB concentration of the backfill material does not exceed 25 ppm.

3.3 Pre-Design Soil Sampling Requirements

Similar to the Performance Standards summarized in Section 3.2 above, the scope of pre-design characterization activities differs depending on the area subject to sampling. Section 2.2.3 of the SOW and Attachment D to the SOW establish specific pre-design investigation requirements for soil sampling at the GE Plant Area. Those requirements applicable to East Street Area 2-North are summarized below.

Pre-design soil sampling requirements for PCBs differ between unpaved and paved areas. For unpaved areas, the SOW requires PCB soil characterization (using either existing usable or new data) on an approximate 100-foot grid sampling pattern. For paved areas, characterization data are required at an approximate frequency of two locations per acre, with an emphasis placed on those areas with limited or no existing data. For both the paved and unpaved sampling locations, soil samples must be collected from the 0- to 1-foot, 1- to 6-foot, and 6- to 15-foot depth intervals. As previously discussed, the soil beneath the area occupied by Buildings 1, 2, 3, 3C, 4, 5, 6, 11, 15, 15A, 15W, 16, 16X, 17, 17C, and 19 (all of which are scheduled for future demolition) will be treated as paved areas for the purposes of this PDI Work Plan.

In addition to PCBs, soils in East Street Area 2-North must be characterized for other Appendix IX+3 constituents. As provided in Attachment D to the SOW, the total number of non-PCB Appendix IX+3 analyses must be approximately one-third the number of PCB samples that are needed to meet pre-design investigation requirements. Further, to the extent practicable, the Appendix IX+3 samples must be approximately evenly distributed between surface soil samples (from the top foot of soil) and subsurface soils (from the various deeper intervals). The actual selection of sample locations and depths for Appendix IX+3 analyses is to be based on the spatial distribution of the available data and may be modified at the time of sampling based on field observations (e.g., photoionization detector (PID) readings, evidence of staining).

4. Identification of Data Needs and Proposed Pre-Design Investigations

4.1 General

As summarized in Section 3 of this PDI Work Plan, the SOW establishes soil investigation requirements to support the performance of RD/RA activities and the achievement of applicable Performance Standards for soils within East Street Area 2-North. This section applies those requirements to East Street Area 2-North to identify the necessary pre-design soil investigations proposed to be performed for East Street Area 2-North, taking into account the availability of usable data from prior investigations. Section 4.2 identifies the general scope of sampling to satisfy pre-design investigation requirements. Section 4.3 summarizes the existing soil analytical data and provides an assessment of the usability of those data to satisfy the data needs identified in Section 4.2. Section 4.4 then describes the additional soil sampling proposed by GE to address remaining data needs, while Section 4.5 summarizes the sampling procedures.

The Data Quality Objective (DQO) for the pre-design investigations is to collect the necessary soil analytical data for PCBs and other Appendix IX+3 constituents to meet the applicable soil sampling requirements specified in the SOW, and to support future RD/RA evaluations.

4.2 Scope of Pre-Design Investigations

As discussed in Section 3.3 of this PDI Work Plan, the pre-design soil sampling requirements for PCBs at East Street Area 2-North require that sampling data be available: (1) on an approximate 100-foot grid pattern in unpaved areas; and (2) at a frequency of approximately two locations per acre within paved areas. Accordingly, the 100-foot grid was established for unpaved areas, as shown on Figure 3. In identifying proposed sample locations for the grid-based sampling, however, grid nodes that fall outside of, but are within 15 feet of, the RAA boundary were relocated to a position within the RAA; and grid nodes that fall within the footprint of a building, but are within 15 feet of the exterior of that structure, were relocated to a position outside the structure (provided that this location is an unpaved area). In addition, as discussed below, the locations of subsurface utilities potentially subject to emergency repair were considered and, due to the large area affected by these

utilities, certain sampling locations were relocated slightly from the grid nodes to provide more representative spatial coverage of these utilities.

For paved areas within East Street Area 2-North, which includes approximately 19 acres of currently paved areas as well as approximately 11 acres covered by buildings where a paved surface will remain following demolition, the scope of pre-design investigations involves a total of 60 sampling locations (i.e., approximately two sampling locations per acre).

As also discussed below, for areas of East Street Area 2-North where subsurface utilities are present, it was difficult to create distinct utility bands due to the pervasive presence of utilities throughout these areas and their web-like branching. Utilities within this RAA include electricity and telephone conduits, storm drains and water, fire protection, gas, and sewer lines. The approximate locations of these utility lines are shown on Figure 3. For areas within East Street Area 2-North with many utility lines, GE believes that an alternative, iterative pre-design sampling approach with regard to such utility lines is appropriate and would potentially avoid an unnecessarily excessive amount of sampling. That approach is discussed in Section 4.4 below.

Based on the applicable pre-design soil sampling requirements (taking into account the proposed approach to utility bands proposed in Section 4.4, but without taking into account any existing usable PCB sampling data), the pre-design PCB soil investigations criteria result in the need for 318 PCB samples from a total of 106 locations. These include 138 samples from 46 grid-based locations in unpaved areas and 180 samples from 60 locations within paved areas or areas occupied by existing buildings to be demolished. An assessment of the extent to which existing PCB data can satisfy these data needs is provided in Section 4.3.1 below.

For non-PCB Appendix IX+3 constituents, based on the pre-design investigation requirements presented in the SOW, the number of available Appendix IX+3 analyses must be approximately one-third the number of PCB samples required to characterize the RAA, with these data approximately evenly distributed, to the extent practicable, between the top foot of soil and various subsurface sampling increments. Based on the PCB soil sampling requirements summarized above, this will require approximately 106 samples for Appendix IX+3 analyses. An assessment of existing Appendix IX+3 data to satisfy these data needs is provided in Section 4.3.2.

4.3 Assessment of Existing Soil Analytical Data

The existing soil data for East Street Area 2-North are listed in Tables 1 and 2 (for PCBs and non-PCB constituents, respectively) and summaries of the analytical data from those samples are provided in Appendix A. These data have been reviewed to assess their usability to satisfy pre-design investigation requirements and/or to otherwise support future RD/RA activities for this area. As provided in Attachment D to the SOW, the criteria for determining the usability of existing data to support RD/RA activities include: (1) an evaluation of whether such data reflect the appropriate locations and depth increments necessary to meet the soil sampling requirements specified in the SOW, and to apply the Performance Standards for the Removal Action in question; and (2) an assessment of the general analytical quality of such data. To perform this review, the existing soil analytical data were reviewed to determine whether and to what extent they meet the spatial- and depth-related pre-design sampling requirements (i.e., their location and depth increments relative to the requirements of the SOW). The data were also assessed for overall analytical usability based on several considerations, as discussed below.

4.3.1 Existing PCB Data

For the existing soil PCB data set (450 total samples, excluding duplicate samples), the usability assessment involved, at the outset, review of the depth increments from which the samples were collected. This review indicated that 57 sample results were not usable for pre-design or RD/RA evaluation purposes because the samples were collected from depths greater than 15 feet. In addition, 18 sample results were eliminated from further consideration because these samples were collected over a large sampling increment (e.g., 0- to 4-foot). Further, four sample results were eliminated from future use because these samples were collected from locations beneath an existing building that is not subject to demolition.

The remaining data, consisting of 371 PCB sample results, were then assessed to determine their overall data quality and usability to satisfy pre-design investigation requirements and/or in future RD/RA evaluations. This assessment indicated the following categories of PCB data:

- For 215 sample results, the samples were analyzed before 1991. For these results, either full laboratory documentation is not available (i.e., there is only a standard laboratory reporting form) or no documentation is available. PCB analytical methodology used at this time was somewhat different from the current method. Accordingly, these data will not be used to satisfy the pre-design investigation requirements.

However, GE has seen no evidence at the GE Pittsfield/Housatonic River Site that PCB data analyzed by the prior method are significantly different from those analyzed by the current method. Hence, GE anticipates using these pre-1991 data as supplemental data in future RD/RA evaluations, subject to further review.

- For 56 PCB sample results with analyses performed in 1991 or thereafter, full laboratory data packages are available. These data packages were reviewed for reporting completeness, analytical methodologies, and any apparent method/analytical discrepancies or other significant data-quality issues noted in the data packages. Review of that documentation showed no deficiencies that would preclude the use of these PCB data in the response action evaluations for this RAA. Hence, these data are considered usable to satisfy the pre-design investigation requirements if they meet the specific sampling requirements or, alternately, as supplemental data in future RD/RA activities.

- For 40 sample results with analyses performed in 1991 or thereafter, only a standard laboratory reporting form (Form I) is available. However, those forms are sufficient to identify the analytical methods used and the associated detection limits. These data are considered usable to satisfy pre-design investigation requirements if the requisite locational criteria are met or, if not, as supplemental data in future RD/RA activities for the following reasons: (1) the reporting form confirms the date of sample analyses, and thus the analytical methodologies being used at the time; (2) those analytical methodologies are consistent with current procedures; (3) the reporting form is a laboratory-generated document, and thus incorporates certain inherent quality assurance checks performed by the laboratory concerning data quality; and (4) review of other PCB data collected during the same period and analyzed by the same method for which full laboratory data packages are available indicates that those data are 100% usable, thus suggesting that the PCB analyses from this time period and using the same method are generally of sufficient quality for use in RD/RA evaluations.

- For 60 PCB sample results with analyses performed in 1991 or thereafter, no form of laboratory documentation has been located. Despite the lack of laboratory documentation, GE proposes to use these results in future RD/RA evaluations since, based on the other PCB sample results for which laboratory documentation has been reviewed, there is no reason to believe that these PCB results would not be suitable for use in RD/RA evaluations. However, as a conservative measure, GE will only use these results as supplemental data and will not use these results to satisfy specific pre-design soil investigation requirements (i.e., grid-based sample nodes).

The next step in the assessment was to determine which of the 96 PCB sample results that are potentially usable to meet pre-design investigation requirements can, in fact, be used to satisfy the pre-design sampling requirements. First, the sample locations were reviewed in relation to the sampling grids and paved areas (including buildings to be demolished) shown on Figure 3 and discussed in Section 4.2. Consistent with other pre-design investigations performed pursuant to the CD and SOW, an existing PCB sample location was assumed to represent a sample grid node for an unpaved area if the sample is located no more than one-half of the grid node spacing from the sample node in question (i.e., an existing sample location that is within 50 feet of a grid node was used to represent that grid node). An existing PCB sample location within a paved area was assumed to be used toward meeting the requirements of these areas. For both unpaved and paved areas, existing sample depths were assumed to satisfy a depth interval requirement if the existing depth(s) constitutes 50% or more of the depth requirement. Based on this evaluation, 73 of the usable existing PCB samples adequately address the pre-design sampling requirements for 34 required soil samples at 15 locations, as shown in Table 3.

Table 1 summarizes the categorization of all prior PCB samples based on their proposed use related to pre-design and future RD/RA activities. Specifically, the prior PCB data are categorized into one of the following three categories:

- PCB data that will be used to satisfy pre-design soil investigation requirements and will be incorporated into future RD/RA activities (designated "Characterization");

- PCB data that have not been incorporated into the proposed pre-design investigations but will be used in future RD/RA evaluations (designated "Supplemental"); or

- PCB data that have not been incorporated into the proposed pre-design investigations and will not be used in any future RD/RA activities (designated "Eliminated").

4.3.2 Non-PCB Appendix IX+3 Data

For non-PCB Appendix IX+3 constituents, data from one or more groups of such constituents (except pesticides and herbicides) are available from 36 samples (excluding duplicate samples), as summarized in Table 2. These samples were all collected from depth increments that can be used in the RD/RA evaluations for this RAA. The data were reviewed for overall analytical quality, with the following results:

- For 14 of these samples, full laboratory data packages are available for one or more constituent groups. Each of theses samples was analyzed for all the constituent groups of Appendix IX+3, but full laboratory data packages are only available for one VOC sample, one inorganic sample, and 14 polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) samples. These data packages were reviewed for completeness and the analytical techniques used, as well as to identify any apparent discrepancies or other significant data-quality issues noted by the laboratory that would seems likely to render the data unusable. This review revealed no deficiencies of the type, based on GE's prior assessment of similar data, that seem likely to cause these data to be rejected. Accordingly, GE proposes to use all the data for those constituents for which laboratory data packages were reviewed to satisfy pre-design investigation requirements for non-PCB constituents.

- For the remaining 22 sample results and the 14 Appendix IX+3 constituent group-specific sample results mentioned in the previous bullet (but not having a complete laboratory data package), no laboratory documentation could be located. These data have not been used to satisfy the required number of non-PCB Appendix IX+3 analyses. GE will consider the usability of these data within the context of future RD/RA evaluations after determining the necessary PCB-related response actions. For example, if some of these sample locations will be addressed through the response actions identified for PCBs, the lack of laboratory documentation for those sample results would not be critical in determining the need for additional response actions to address non-PCB constituents.

4.4 Proposed Soil Sampling Activities

This section describes the pre-design soil sampling proposed by GE, after taking into account the existing usable data, to satisfy the pre-design investigation requirements. Figure 3 shows the relevant sampling grids, the extent of the paved areas and buildings to be demolished, the locations of the prior PCB soil samples and the proposed additional PCB soil sampling locations and depths. Figures 4 through 6 show the locations of the prior Appendix IX+3 soil samples for the 0- to 1-foot, 1- to 6-foot, and 6- to 15-foot depth increments, respectively, and the proposed additional Appendix IX+3 soil sampling locations and depths. Table 3 summarizes the existing and proposed soil sampling locations and depths that will collectively satisfy the PCB pre-design sampling requirements. Table 4 presents an overall summary of the proposed pre-design soil sampling program, listing on a sample-by-sample basis the proposed sampling locations, depths, and analytical parameters. The proposed pre-design activities are summarized below.

PCB Sampling: As discussed in Section 4.3.1, existing PCB data can be used to satisfy the pre-design sampling requirements for 34 soil samples for particular depth increments at 15 locations. GE proposes to collect soil samples for PCB analysis at the additional locations and depths necessary to satisfy the pre-design soil sampling requirements for PCBs. The proposed sampling locations are shown on Figure 3. Specifically, in the unpaved portion of this area, GE proposes to install 43 soil borings and collect soil samples at or near each of the remaining 100-foot grid locations. In paved areas and buildings to be demolished, GE proposes to install 56 soil borings and collect 158 soil samples from select locations.

As noted in Section 4.2, for the areas of East Street Area 2-North where subsurface utilities are present, distinct utility bands were difficult to create due to the pervasive presence of utilities throughout these areas and their web-like branching. Therefore, instead of identifying additional pre-design sampling at the present time related to specific utility bands, GE proposes an iterative approach to the further characterization of utilities in these areas. Specifically, GE proposes to collect the PCB data proposed herein as the first iteration. Based on those data and the existing usable data, GE will assess the need for any further utility-related sampling and make a proposal to EPA. For example, if discrete PCB results exceed 200 ppm in the 1- to 6-foot depth interval, GE would then identify any active subsurface utilities in the area(s) where such concentrations were found and evaluate the need for and scope of additional PCB sampling for soils in those active utility corridors, taking into account other nearby data as appropriate. GE would then propose any additional sampling necessary to ensure that active utility areas have adequate sampling coverage. If, on the other hand, the available PCB concentrations in the vicinity of the utility lines were far lower that the Performance Standard of an average of 200 ppm for utility corridors (as set forth in the CD and SOW), the available data might be sufficient to support future RD/RA evaluations without additional sampling. If additional sampling is required, GE shall assess existing active subsurface utilities consistent with the approach used at other RAAs in the GE Plant Area.

The proposed PCB sampling locations are shown on Figure 3 and the proposed sample locations and depths are listed in Tables 3 and 4. In the event that site conditions (e.g., steep topography, standing/flowing water, large trees, subsurface utilities, or other obstructions) prevent sampling at any of the proposed locations, the samples in question will be collected as close to the original location as site conditions allow.

Other Appendix IX+3 Constituents: As discussed in Section 4.3.2, existing non-PCB data that are usable to satisfy pre-design sampling requirements are available from 14 samples for one or more (but not all) constituent groups (see Table 2). To satisfy the pre-design requirements, GE proposes to submit 92 pre-design soil samples for full Appendix IX+3 analysis and an additional 14 soil samples for the constituents for which usable data are

not available from the 14 existing samples. The samples to be submitted for these analyses will be collected from the locations and depths shown on Figures 4 through 6 and listed in Table 4. The figures show the proposed distribution of Appendix IX+3 samples from the 0- to 1-foot (Figure 4), 1- to 6-foot (Figure 5), and the 6- to 15-foot depth increments (Figure 6).

For samples collected for Appendix IX+3 analyses as part of the pre-design soil investigations, GE proposes to exclude analyses for pesticides and herbicides for the following reasons: (1) in prior sampling and analysis activities performed at East Street Area 2-North in the 1990s, analyses for pesticides and herbicides were not required; (2) pre-design investigations conducted under the CD within the GE Plant Area (i.e., the 20s/30s/40s Complex) did not require analyses for pesticides and herbicides; and (3) the presence of these compounds, if detected, would likely be attributable to the application of weed and pest control materials in accordance with their intended and appropriate commercial application.

Table 4 lists, on a sample-by-sample basis, the proposed sampling locations, depths, and analytical parameters. However, the specific locations/depths of some of these samples may be modified in the field if site conditions (e.g., standing/flowing water, large trees, subsurface utilities, other obstructions, steep embankments) prevent sampling at any of the designated locations. The specific locations/depths of some of the Appendix IX+3 samples may be modified in the field considering PID readings or other observations (e.g., odors or evidence of staining). If such field modifications are made, GE will endeavor to maintain the proper ratio of the number of non-PCB Appendix IX+3 analyses at the various depth intervals (e.g., approximately half from the top foot and half from deeper increments), to the extent practical.

4.5 Soil Sampling Analytical Procedures

The collection and analysis of the soil samples at East Street Area 2-North will be conducted following the procedures set forth in GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). Specifically, the analytical procedures for the analysis of soil samples will be consistent with the EPA-approved procedures presented in Table 1 of the FSP/QAPP. The field procedures will follow the Standard Operating Procedures (SOPs) presented in Appendices B through X of the FSP/QAPP.

Soil samples collected during the East Street Area 2-North pre-design investigation will utilize EPA Method 8082 for the analysis of Aroclor-specific PCBs. Results for PCBs will be reported on a dry-weight basis with a detection limit of 0.05 ppm for all Aroclors.

Soil samples to be analyzed for other Appendix IX+3 constituents (excluding pesticides and herbicides) will be analyzed following the methods presented in Table 1 of the FSP/QAPP. Sample results will be presented on a dry-weight basis with detection limits consistent with those presented in Table 3 of the FSP/QAPP.

Analysis of samples for PCDDs/PCDFs will be performed using EPA Method 8290 for samples collected from the top foot of soil at all areas of this RAA and Method 8280A for all other samples. Since Method 8290 has lower detection and reporting limits, it will be used for samples from depth increments for which the SOW prescribes lower Performance Standards for PCDD/PCDF Toxicity Equivalency Quotients (TEQs) (i.e., 5 parts per billion (ppb) for the top foot in commercial/industrial areas), while Method 8280A is wholly adequate to ensure achievement of the higher Performance Standard set forth in the SOW for subsurface soil at commercial/industrial areas (20 ppb). PCDD/PCDF results will be reported on a dry-weight basis for both total homologues and 2,3,7,8-substituted congeners using sample detection limits consistent with those presented in Table 3 of the FSP/QAPP. In addition, total TEQ concentrations will be calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and representing nondetected compounds as one-half the analytical detection limit.

Quality control samples (i.e., matrix spike/matrix spike duplicates, field duplicates, trip blanks, and field blanks) will be collected at the frequency specified in Table 4 of the FSP/QAPP for each sample matrix collected. Tables 4 and 5 of the FSP/QAPP present the quality control criteria and corrective action procedures to be followed for each of the analytical procedures listed in Table 1 and for field-generated quality control samples. Overall project quality assurance will be ensured by following the procedures specified in the FSP/QAPP for sample collection and analysis, corrective action, and data reporting and validation.

5. Schedule

GE proposes to complete the pre-design investigations described in this PDI Work Plan and submit a Pre-Design Investigation Report for East Street Area 2-North within 12 months after EPA's approval of this PDI Work Plan, subject to possible changes due to weather-related delays, etc. In the event that delays to this proposed schedule are identified, GE will notify EPA and propose a revised schedule for completing the investigations and submitting a Pre-Design Investigation Report.

The Pre-Design Investigation Report will present the results of all investigations conducted pursuant to this PDI Work Plan. It will also consider the sufficiency of the available data to support RD/RA activities for this Removal Action. Specifically, GE will review the data gathered from the data gathering proposed in this PDI Work Plan and will evaluate the need for additional sampling as described herein. If it is determined that further data are needed to support RD/RA activities to achieve the soil-related Performance Standards, that report will propose supplemental investigations to fill those data needs and a schedule for performing those supplemental investigations and for submitting a Supplemental Pre-Design Investigation Report. If GE concludes, in the Pre-Design Investigation Report, that the available data are sufficient to support RD/RA activities for the Removal Action at this RAA, then that report will include a proposed schedule for submission of a Conceptual RD/RA Work Plan for the East Street Area 2-North Removal Action.

6. Summary of Anticipated Post-Removal Site Control Activities

Following completion of construction activities to implement the necessary response actions, GE will continue to inspect, maintain, and monitor the completed actions and to perform repairs and replacement as needed, to ensure that the completed response actions are performing as designed. The specific scope and methodologies for such inspection and maintenance activities will be detailed in a Post-Removal Site Control Plan for the East Street Area 2-North Removal Action. Such activities will include the periodic inspection and maintenance of any surface covers installed (e.g., engineered barriers, enhanced pavement), inspection and maintenance of any ancillary components of the response actions (e.g., fencing and warning signs, if any), and repair or replacement of response actions at areas exhibiting deficiencies or potential problems.

The Post-Removal Site Control activities will be conducted in accordance with the pertinent requirements specified in Attachment J (Inspection and Maintenance Activities) to the SOW, except as otherwise proposed in the specific Post-Removal Site Control Plan and approved by EPA. In addition, inspection reports for these activities will be prepared and submitted periodically in accordance with the requirements of Section 4 of Attachment J to the SOW.

Tables

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TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
D	1	11-SLS-C1	0-2	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	1	11-SLS-C2	2-4	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	2	11-SLS-C3	0-2	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	2	11-SLS-C4	2-4	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	3	11-SLS-C5	0-2	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	3	11-SLS-C6	2-4	September 27, 1990	Certificate of Analysis	Supplemental (Note 6)
B	100-1	100-1	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-1	100-1	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-1	100-1	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-2	100-2	1.6-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-2	100-2	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-2	100-2	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-3	100-3	1.7-2.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-3	100-3	2.5-4.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-3	100-3	4.5-6.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-4	100-4	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-4	100-4	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-4	100-4	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-5	100-5	1.2-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-5	100-5	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-5	100-5	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-6	100-6	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-6	100-6	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-6	100-6	4-5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-7	100-7	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-7	100-7	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-7	100-7	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-8	100-8	0-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-8	100-8	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-8	100-8	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-9	100-9	1.5-2.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-9	100-9	2.5-4.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-9	100-9	4.5-6.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-10	100-10	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-10	100-10	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-10	100-10	4-6	August 12-13, 1987	None	Supplemental (Note 6)
B	100-11	100-11	1.5-2.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-11	100-11	2.5-4.5	August 12-13, 1987	None	Supplemental (Note 6)
B	100-11	100-11	4.5-6.5	August 12-13, 1987	None	Supplemental (Note 6)

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EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	100-12	100-12	1-2	August 12-13, 1987	None	Supplemental (Note 6)
B	100-12	100-12	2-4	August 12-13, 1987	None	Supplemental (Note 6)
B	100-12	100-12	4-6	August 12-13, 1987	None	Supplemental (Note 6)
D	17A	17A	2-4	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17A	17A	4-8	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17A	17A	10-12	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17A	17A	12-14.5	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17A	17A	18-20	March 14, 1990	See Note 9	Eliminated (Depth)
D	17C	17C	0-4	March 14, 1990	See Note 9	Eliminated (Depth)
D	17C	17C	4-8	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17C	17C	10-14	March 14, 1990	Certificate of Analysis	Supplemental (Note 6)
D	17C	17C	14-18	March 14, 1990	See Note 9	Eliminated (Depth)
D	17C	17C	18-20	March 14, 1990	See Note 9	Eliminated (Depth)
C	95-12	212B0002	0-2	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B0406	4-6	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B0608	6-8	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B0810	8-10	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B1012	10-12	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B1214	12-14	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B1416	14-16	March 5, 1996	None	Supplemental (Note 7)
C	95-12	212B1618	16-18	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B1820	18-20	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B2022	20-22	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B2224	22-24	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B2426	24-26	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B2628	26-28	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B2830	28-30	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-12	212B4042	40-42	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-13	213B0002	0-2	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B0204	2-4	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B0406	4-6	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B0608	6-8	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B0810	8-10	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B1012S	10-12	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B1214	12-14	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B1416	14-16	March 5, 1996	None	Supplemental (Note 7)
C	95-13	213B1820	18-20	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-13	213B2022	20-22	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-13	213B2224	22-24	March 5, 1996	See Note 9	Eliminated (Depth)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
C	95-13	213B2426	24-26	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-13	213B2628	26-28	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-13	213B3234	32-34	March 5, 1996	See Note 9	Eliminated (Depth)
C	95-14	214B0002	0-2	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B0204	2-4	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B0406	4-6	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B0608	6-8	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B0810	8-10	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B1012	10-12	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B1214	12-14	March 4, 1996	None	Supplemental (Note 7)
C	95-14	214B1416	14-16	March 4, 1996	None	Supplemental (Note 7)
C	95-18	218B0002	0-2	February 21, 1996	None	Supplemental (Note 7)
C	95-18	218B0204	2-4	February 21, 1996	None	Supplemental (Note 7)
C	95-18	218B0406	4-6	February 21, 1996	None	Supplemental (Note 7)
C	95-18	218B0608	6-8	February 21, 1996	None	Supplemental (Note 7)
C	95-18	218B0810	8-10	February 21, 1996	None	Supplemental (Note 7)
C	95-18	218B1012	10-12	February 21, 1996	None	Supplemental (Note 7)
C	95-20	220B0102	1-2	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B0204	2-4	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B0406	4-6	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B0608	6-8	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B0810	8-10	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B1012	10-12	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B1214	12-14	February 15, 1996	None	Supplemental (Note 7)
C	95-20	220B1416 [220B1416D]	14-16	February 15, 1996	None	Supplemental (Note 7)
D	A2	A2	0-3	February 21, 1990	See Note 9	Eliminated (Depth)
D	A3	A3	0-3	February 21, 1990	See Note 9	Eliminated (Depth)
D	A4	A4	0-3	February 21, 1990	See Note 9	Eliminated (Depth)
D	A5	A5	0-3	February 22, 1990	See Note 9	Eliminated (Depth)
D	A6	A6	0-3	February 22, 1990	See Note 9	Eliminated (Depth)
A	A7	A7	0-2	February 27, 1990	Certificate of Analysis	Supplemental (Note 6)
A	A7	A7	2-4	February 27, 1990	Certificate of Analysis	Supplemental (Note 6)
A	A7	A7	4-8	February 27, 1990	Certificate of Analysis	Supplemental (Note 6)
A	A7	A7	8-10	February 27, 1990	Certificate of Analysis	Supplemental (Note 6)
A	A7	A7	10-14	February 27, 1990	Certificate of Analysis	Supplemental (Note 6)
D	A8	A8	0-3	February 21, 1990	See Note 9	Eliminated (Depth)
D	A9	A9	0-3	February 22, 1990	See Note 9	Eliminated (Depth)
D	A10	A10	0-3	February 22, 1990	See Note 10	Eliminated (Location)
D	A11	A11	0-3	February 22, 1990	See Note 10	Eliminated (Location)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
D	B1	B1	0-3	February 26, 1990	See Note 9	Eliminated (Depth)
A	B1	B1	4-8	February 28, 1990	Certificate of Analysis	Supplemental (Note 6)
A	B1	B1	8-12	February 28, 1990	Certificate of Analysis	Supplemental (Note 6)
A	B1	B1	12-16	February 28, 1990	Certificate of Analysis	Supplemental (Note 6)
A	B1	B1	16-20	March 1, 1990	See Note 9	Eliminated (Depth)
D	B2	B2	0-3	February 22, 1990	See Note 9	Eliminated (Depth)
D	B3	B3	0-3	February 22, 1990	See Note 9	Eliminated (Depth)
D	B4	B4	0-3	February 22, 1990	See Note 10	Eliminated (Location)
D	B5	B5	0-3	February 22, 1990	See Note 10	Eliminated (Location)
A	C1	C1	0-4	March 1, 1990	See Note 9	Eliminated (Depth)
A	C1	C1	4-8	March 1, 1990	Certificate of Analysis	Supplemental (Note 6)
A	C1	C1	8-12	March 1, 1990	Certificate of Analysis	Supplemental (Note 6)
A	C1	C1	12-15.5	March 1, 1990	Certificate of Analysis	Supplemental (Note 6)
A	C1	C1	15.5-19.5	March 1, 1990	Certificate of Analysis	Supplemental (Note 6)
A	D1	D1	0-2	March 2, 1990	Certificate of Analysis	Supplemental (Note 6)
A	D1	D1	4-8	March 2, 1990	Certificate of Analysis	Supplemental (Note 6)
A	D1	D1	8-13	March 2, 1990	Certificate of Analysis	Supplemental (Note 6)
A	E1	E1	0-4	March 9, 1990	See Note 9	Eliminated (Depth)
A	E1	E1	4-8	March 9, 1990	Certificate of Analysis	Supplemental (Note 6)
A	E1	E1	8-12	March 9, 1990	Certificate of Analysis	Supplemental (Note 6)
A	E1	E1	12-16	March 9, 1990	Certificate of Analysis	Supplemental (Note 6)
A	E1	E1	16-20	March 9, 1990	See Note 9	Eliminated (Depth)
B	ES1-1	P101B0002	0-2	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B0204	2-4	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B0406	4-6	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B0608	6-8	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B0810	8-10	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B1012 [DP-1]	10-12	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B1214	12-14	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B1416	14-16	January 23, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-1	P101B1618	16-18	January 23, 1991	See Note 9	Eliminated (Depth)
B	ES1-1	P101B1820	18-20	January 23, 1991	See Note 9	Eliminated (Depth)
B	ES1-1	P101B2022	20-22	January 23, 1991	See Note 9	Eliminated (Depth)
B	ES1-1	P101B2224	22-24	January 23, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B0002	0-2	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B0204	2-4	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B0406	4-6	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B0608	6-8	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B0810	8-10	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	ES1-2	P102B1012	10-12	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B1214	12-14	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B1416	14-16	January 24, 1991	Certificate of Analysis	Supplemental (Note 8)
B	ES1-2	P102B1618	16-18	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B1820	18-20	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B2022	20-22	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B2224	22-24	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B2426	24-26	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B2628	26-28	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-2	P102B2830	28-30	January 24, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B0002	0-2	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B0204	2-4	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B0406	4-6	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B0608	6-8	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B0810	8-10	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B1012	10-12	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B1214	12-14	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B1416	14-16	January 25, 1991	Certificate of Analysis	Characterization
B	ES1-3	P103B1618	16-18	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B1820	18-20	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B2022	20-22	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B2224	22-24	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B2426	24-26	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B2628	26-28	January 25, 1991	See Note 9	Eliminated (Depth)
B	ES1-3	P103B2830	28-30	January 25, 1991	See Note 9	Eliminated (Depth)
E	ES1-5	ES1050002	0-2	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1050204	2-4	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1050406	4-6	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1050608	6-8	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1050810	8-10	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1051012	10-12	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1051214	12-14	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1051416	14-16	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-5	ES1051618	16-18	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1052022	20-22	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1052224	22-24	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1052426	24-26	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1052628	26-28	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1052830	28-30	May 9, 1996	See Note 9	Eliminated (Depth)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
E	ES1-5	ES1053032	30-32	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1053234	32-34	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1053436	34-36	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-5	ES1054042	40-42	May 9, 1996	See Note 9	Eliminated (Depth)
E	ES1-6	ES10600.5	0-0.5	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-6	ES106.502	0.5-2	October 9, 1996	None	Supplemental (Note 7)
E	ES1-6	ES1060204	2-4	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-6	ES1060406	4-6	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-6	ES1060608	6-8	May 14, 1996	None	Supplemental (Note 7)
E	ES1-6	ES1060810	8-10	May 14, 1996	None	Supplemental (Note 7)
E	ES1-10	ES1100002	0-2	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-10	ES1100204	2-4	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-10	ES1100406	4-6	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-11	ES1110002	0-2	May 13, 1996	Complete Laboratory Data Package	Characterization
E	ES1-11	ES1110204	2-4	May 13, 1996	Complete Laboratory Data Package	Characterization
E	ES1-11	ES1110406	4-6	May 13, 1996	Complete Laboratory Data Package	Characterization
E	ES1-11	ES1110810	8-10	May 13, 1996	None	Supplemental (Note 7)
E	ES1-15	ES11500.5	0-0.5	May 14, 1996	Complete Laboratory Data Package	Supplemental (Note 8)
E	ES1-15	ES115.502 [ES115.502D]	0.5-2	October 9, 1996	None	Supplemental (Note 7)
E	ES1-15	ES1150204	2-4	May 14, 1996	Complete Laboratory Data Package	Supplemental (Note 8)
E	ES1-15	ES1150406	4-6	May 14, 1996	Complete Laboratory Data Package	Supplemental (Note 8)
E	ES1-15	ES1150608	6-8	May 14, 1996	None	Supplemental (Note 7)
E	ES1-15	ES1150810	8-10	May 14, 1996	None	Supplemental (Note 7)
E	ES1-16	ES1160002	0-2	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1160204	2-4	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1160406	4-6	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1160608	6-8	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1160810	8-10	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1161012	10-12	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1161214	12-14	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1161416	14-16	May 10, 1996	Complete Laboratory Data Package	Characterization
E	ES1-16	ES1161618	16-18	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1161820	18-20	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1162022	20-22	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1162224	22-24	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1162426	24-26	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1162830	28-30	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1163032	30-32	May 10, 1996	See Note 9	Eliminated (Depth)
E	ES1-16	ES1165052	50-52	May 10, 1996	See Note 9	Eliminated (Depth)

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EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
E	ES1-17	ES1170002	0-2	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-17	ES1170204	2-4	May 9, 1996	None	*Supplemental (Note 7)*
E	ES1-17	ES1170406	6-8	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-17	ES1170608	8-10	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-17	ES1171214	12-14	May 9, 1996	Complete Laboratory Data Package	Characterization
E	ES1-18	ES11800.5	0-0.5	May 15, 1996	None	Supplemental (Note 7)
E	ES1-18	ES118.502	0.5-2	October 9, 1996	None	Supplemental (Note 7)
E	ES1-18	ES1180204	2-4	May 15, 1996	None	Supplemental (Note 7)
E	ES1-18	ES1180406	4-6	May 15, 1996	None	Supplemental (Note 7)
E	ES1-18	ES1180608	6-8	May 15, 1996	None	Supplemental (Note 7)
E	ES1-19	ES11900.5	0-0.5	May 7, 1996	Complete Laboratory Data Package	Characterization
E	ES1-19	ES119.502	0.5-2	October 9, 1996	None	Supplemental (Note 7)
E	ES1-19	ES1190204	2-4	May 7, 1996	None	Supplemental (Note 7)
E	ES1-20	ES12000.5	0-0.5	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-20	ES120.502	0.5-2	October 9, 1996	None	Supplemental (Note 7)
E	ES1-20	ES1200406	4-6	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-20	ES1200608	6-8	May 14, 1996	Certificate of Analysis	Characterization
E	ES1-20	ES1200810	8-10	May 14, 1996	None	Supplemental (Note 7)
E	ES1-20	ES1201012 [ES1201012D]	10-12	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-20	ES1201214	12-14	May 14, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1250002	0-2	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1250204	2-4	May 8, 1996	None	Supplemental (Note 7)
E	ES1-25	ES1250608	6-8	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1250810	8-10	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1251012	10-12	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1251214	12-14	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-25	ES1251416	14-16	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-27	ES12700.5	0-0.5	May 6, 1996	None	Supplemental (Note 7)
E	ES1-27	ES127.502	0.5-2	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-27	ES1270204	2-4	May 6, 1996	Certificate of Analysis	Characterization
E	ES1-27	ES1270407	4-7	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-27	ES1270710	7-10	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-27	ES1271013	10-13	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-27	ES1271316	13-16	May 6, 1996	Complete Laboratory Data Package	Characterization
E	ES1-28	ES1280002 (ES1280002D)	0-2	May 15, 1996	None	Supplemental (Note 7)
E	ES1-28	ES1280204	2-4	May 15, 1996	None	Supplemental (Note 7)
E	ES1-28	ES1280406	4-6	May 15, 1996	None	Supplemental (Note 7)
E	ES1-28	ES1280608	6-8	May 15, 1996	None	Supplemental (Note 7)
E	ES1-29	ES1290002	0-2	May 8, 1996	Complete Laboratory Data Package	Characterization

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EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
E	ES1-29	ES1290204	2-4	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1290406	4-6	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1290608	6-8	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1290810	8-10	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1291012	10-12	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1291214	12-14	May 8, 1996	Complete Laboratory Data Package	Characterization
E	ES1-29	ES1291416	14-16	May 8, 1996	Complete Laboratory Data Package	Characterization
A	F1	F1	0-4	March 13, 1990	See Note 9	Eliminated (Depth)
A	F1	F1	4-8	March 13, 1990	Certificate of Analysis	Supplemental (Note 6)
A	F1	F1	8-12	March 13, 1990	Certificate of Analysis	Supplemental (Note 6)
A	F1	F1	12-15	March 13, 1990	Certificate of Analysis	Supplemental (Note 6)
A	F1	F1	15-19	March 13, 1990	Certificate of Analysis	Supplemental (Note 6)
F	GEI209	GEI209:0-2	0-2	October 12, 1994	Certificate of Analysis	Supplemental (Note 8)
F	GEI213	GEI213:0-2	0-2	October 19, 1994	Certificate of Analysis	Characterization
F	GEI215	GEI215:0-2	0-2	October 14, 1994	Certificate of Analysis	Characterization
F	GEI222	GEI222:0.5-2	0.5-2	October 13, 1994	Certificate of Analysis	Supplemental (Note 8)
F	GEI222	GEI222:14-16	14-16	October 14, 1994	Certificate of Analysis	Supplemental (Note 8)
F	GEI223	GEI223:2-4	2-4	October 13, 1994	Certificate of Analysis	Supplemental (Note 8)
B	PS-W-43	PS-W-43	0-4	July/August 1989	See Note 9	Eliminated (Depth)
B	PS-W-44	PS-W-44	0-4	July/August 1989	See Note 9	Eliminated (Depth)
B	PS-W-45	PS-W-45A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-45	PS-W-45B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-45	PS-W-45C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-46	PS-W-46A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-46	PS-W-46B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-46	PS-W-46C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-47	PS-W-47A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-47	PS-W-47B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-47	PS-W-47C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-49	PS-W-49A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-49	PS-W-49B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-49	PS-W-49C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-51	PS-W-51A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-51	PS-W-51B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-51	PS-W-51C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-52	PS-W-52A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-52	PS-W-52B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-52	PS-W-52C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-52	PS-W-52D	10-14	July/August 1989	None	Supplemental (Note 6)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	PS-W-53	PS-W-53A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-53	PS-W-53B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-53	PS-W-53C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-54	PS-W-54A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-54	PS-W-54B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-54	PS-W-54C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-55	PS-W-55A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-55	PS-W-55B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-55	PS-W-55C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-56	PS-W-56A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-56	PS-W-56B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-56	PS-W-56C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-57	PS-W-57A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-57	PS-W-57B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-57	PS-W-57C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-58	PS-W-58A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-58	PS-W-58B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-58	PS-W-58C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-59	PS-W-59A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-59	PS-W-59B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-59	PS-W-59C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-60	PS-W-60A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-60	PS-W-60B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-60	PS-W-60C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-60	PS-W-60D	10-14	July/August 1989	None	Supplemental (Note 6)
B	PS-W-61	PS-W-61A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-61	PS-W-61B	4-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-61	PS-W-61C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-62	PS-W-62A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-62	PS-W-62B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-62	PS-W-62C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-63	PS-W-63A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-63	PS-W-63B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-63	PS-W-63C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-64	PS-W-64A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-64	PS-W-64B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-64	PS-W-64C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-66	PS-W-66A	0-4	July/August 1989	See Note 9	Eliminated (Depth)
B	PS-W-66	PS-W-66B	4-8	July/August 1989	None	Supplemental (Note 6)

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PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	PS-W-66	PS-W-66C	8-12	July/August 1989	None	Supplemental (Note 6)
B	PS-W-68	PS-W-68A	0-4	July/August 1989	See Note 9	Eliminated (Depth)
B	PS-W-68	PS-W-68B	4-8	July/August 1989	None	Supplemental (Note 6)
B	PS-W-68	PS-W-68C	8-12	July/August 1989	None	Supplemental (Note 6)
B	PS-W-70	PS-W-70A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-70	PS-W-70B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-70	PS-W-70C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-71	PS-W-71A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-71	PS-W-71B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-71	PS-W-71C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-72	PS-W-72A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-72	PS-W-72B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-72	PS-W-72C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-73	PS-W-73A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-73	PS-W-73B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-73	PS-W-73C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-74	PS-W-74A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-74	PS-W-74B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-74	PS-W-74C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-74	PS-W-74D	10-14	July/August 1989	None	Supplemental (Note 6)
B	PS-W-75	PS-W-75A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-75	PS-W-75B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-75	PS-W-75C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-76	PS-W-76A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-76	PS-W-76B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-76	PS-W-76C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-77	PS-W-77A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-77	PS-W-77B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-77	PS-W-77C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-78	PS-W-78A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-78	PS-W-78B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-78	PS-W-78C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-79	PS-W-79B	4-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-79	PS-W-79C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-80	PS-W-80B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-80	PS-W-80C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-81	PS-W-81A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-81	PS-W-81B	2-8	July/August 1989	None	Supplemental (Note 6)
B	PS-W-81	PS-W-81C	8-10	July/August 1989	None	Supplemental (Note 6)

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Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	PS-W-82	PS-W-82A	2-4	July/August 1989	None	Supplemental (Note 6)
B	PS-W-82	PS-W-82B	4-8	July/August 1989	None	Supplemental (Note 6)
B	PS-W-82	PS-W-82C	8-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-83	PS-W-83B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-83	PS-W-83C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-84	PS-W-84B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-84	PS-W-84C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-85	PS-W-85B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-85	PS-W-85C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-86	PS-W-86B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-86	PS-W-86C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-87	PS-W-87B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-87	PS-W-87C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-88	PS-W-88B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-88	PS-W-88C	6-9	July/August 1989	None	Supplemental (Note 6)
B	PS-W-89	PS-W-89A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-89	PS-W-89B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-89	PS-W-89C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-90	PS-W-90A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-90	PS-W-90B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-90	PS-W-90C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-90	PS-W-90D	10-14	July/August 1989	None	Supplemental (Note 6)
B	PS-W-91	PS-W-91A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-91	PS-W-91B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-91	PS-W-91C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-92	PS-W-92A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-92	PS-W-92B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-92	PS-W-92C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-93	PS-W-93A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-93	PS-W-93B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-93	PS-W-93C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-94	PS-W-94A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-94	PS-W-94B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-94	PS-W-94C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-95	PS-W-95A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-95	PS-W-95B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-95	PS-W-95C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-96	PS-W-96A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-96	PS-W-96B	2-6	July/August 1989	None	Supplemental (Note 6)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 11)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Available Documentation (See Note 4)	Proposed Data Use (See Notes 5-10)
B	PS-W-96	PS-W-96C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-97	PS-W-97A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-97	PS-W-97B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-97	PS-W-97C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-98	PS-W-98A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-98	PS-W-98B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-98	PS-W-98C	6-10	July/August 1989	None	Supplemental (Note 6)
B	PS-W-98	PS-W-98D	10-14	July/August 1989	None	Supplemental (Note 6)
B	PS-W-100	PS-W-100A	0-2	July/August 1989	None	Supplemental (Note 6)
B	PS-W-100	PS-W-100B	2-6	July/August 1989	None	Supplemental (Note 6)
B	PS-W-100	PS-W-100C	6-10	July/August 1989	None	Supplemental (Note 6)
B	RF-13	PG13B0002	0-2	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B0204	2-4	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B0406	4-6	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B0608	6-8	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B0810	8-10	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B1012	10-12	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B1214	12-14	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B1416	14-16	May 30, 1991	Certificate of Analysis	Characterization
B	RF-13	PG13B1618	16-18	May 30, 1991	See Note 9	Eliminated (Depth)
B	RF-13	PG13B1820	18-20	May 30, 1991	See Note 9	Eliminated (Depth)

TABLE 1
EXISTING SOIL PCB DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Notes:

1. This table lists all existing PCB soil samples that Blasland, Bouck & Lee (BBL) and General Electric (GE) have on record for the East Street Area 2- North Area.
2. Duplicate samples in brackets.
3. Depth intervals are in units of feet.
4. None = No laboratory documentation available; data located only in prior data summary table(s) and/or report figure(s).
5. Characterization = Result will be used to satisfy pre-design soil investigation requirements for PCBs (as described in the text) and will be incorporated into future RD/RA activities.
6. Supplemental (Note 6) = Sample was analyzed prior to 1991; data will not be used to satisfy pre-design requirements but will be used for supplemental purposes.
7. Supplemental (Note 7) = Data will be used for supplemental purposes only, due to no available laboratory documentation.
8. Supplemental (Note 8) = Data will be used for supplemental purposes only, due to no grid nodes within the vicinity of this data (e.g., within 50 feet for 100-foot grid nodes) that have not already been characterized by other (i.e., closer) data.
9. Eliminated (Depth) = Result was eliminated from consideration because the depth of the sample collected is overly large or outside the scope of this project. Therefore, a laboratory data package search was not conducted.
10. Eliminated (Location) = Result was eliminated from consideration because the sample is located beneath a slab of an existing building not slated for demolition and therefore, will not be reviewed to assess its usability to satisfy pre-design investigation requirements and/or to otherwise support future RD/RA activities because this area is not subject to response actions
11. Data Source Legend:
    A = *Interim Phase II - Comprehensive Site Assessment/Current Assessment Summary Report for East Street Area 1/USEPA Area 3*, Pittsfield, Massachusetts, Geraghty & Miller, Inc., November 1991.
    B = *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 1/USEPA Area 3*, Blasland, Bouck & Lee, Inc., October 1994.
    C = *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 2 / USEPA Area 4*, Golder Associates, May 1996.
    D = MCP Interim Phase II Report and Current Assessment Summary for East Street Area 2/USEPA Area 4, Blasland, Bouck & Lee, Inc., August 1994.
    E = *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 1 / USEPA Area 3*, Golder Associates., November 1996.
    F = *Geotechnical and Environmental Investigation for Reconstruction of Merrill Road*, GEI Consultants, December 29, 1994.

TABLE 2
EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Data Source (See Note 9)	Sample Location	Sample ID (See Note 2)	Depth Interval (See Note 3)	Date Collected	Constituent Group (See Notes 4, 10)				Available Documentation (See Notes 5, 6)	Proposed Data Use (See Notes 7, 8)
					VOCs	SVOCs	PCDDs/ PCDFs	Inorganics		
D	1	11-SLS-C10	0-2	9/28/90	X	X			None	Appendix IX Supplemental
D	1	11-SLS-C11	2-4	9/28/90	X	X			None	Appendix IX Supplemental
D	2	11-SLS-C12	0-2	9/28/90	X	X			None	Appendix IX Supplemental
D	2	11-SLS-C13	2-4	9/28/90	X	X			None	Appendix IX Supplemental
D	3	11-SLS-C14	0-2	9/28/90	X	X			None	Appendix IX Supplemental
D	3	11-SLS-C15	2-4	9/28/90	X	X			None	Appendix IX Supplemental
C	95-14	214B1416	14-16	3/4/96	X	X	X	X	Complete Laboratory Data Package (no documentation for SVOCs)	Appendix IX Characterization
C	95-18	218B0608	6-8	2/21/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
C	95-20	220B1416 [220B1416D]	14-16	2/15/96	X	X	X	X	None	Appendix IX Supplemental
E	ES1-5	ES1050406	4-6	5/9/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-10	ES1100406	4-6	5/6/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-11	ES1110002	0-2	5/13/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-15	ES1150810	8-10	5/14/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-17	ES1171214	12-14	5/9/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-18	ES1180608	6-8	5/15/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-19	ES11900.5	0-0.5	5/7/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-20	ES1201214	12-14	5/14/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-25	ES1251214	12-14	5/8/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-27	ES127.502	0.5-2	5/6/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-28	ES1280406	4-6	5/15/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
E	ES1-29	ES1290608	6-8	5/8/96	X	X	X	X	Complete Laboratory Data Package (no documentation for VOCs/SVOCs/Inorganics)	Appendix IX Characterization
B	PS-W-47	PS-W-47B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-52	PS-W-52A	0-2	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-52	PS-W-52B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-52	PS-W-52C	6-10	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-52	PS-W-52D	10-14	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-53	PS-W-53B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-54	PS-W-54C	6-10	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-55	PS-W-55B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-56	PS-W-56C	6-10	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-85	PS-W-85B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-94	PS-W-94B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-95	PS-W-95C	6-10	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-96	PS-W-96B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-97	PS-W-97B	2-6	July/Aug. 1989	X				None	Appendix IX Supplemental
B	PS-W-98	PS-W-98A	0-2	July/Aug. 1989	X				None	Appendix IX Supplemental

TABLE 2
EXISTING SOIL APPENDIX IX+3 DATA AND PROPOSED USE

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Notes:

1. This table lists all existing soil samples analyzed for some or all Appendix IX+3 constituents and corresponding parameter groups that Blasland, Bouck & Lee (BBL) and General Electric (GE) have on record for the East Street Area 2-North Area.
2. Duplicates are in brackets.
3. Depth intervals are in units of feet.
4. X = Analyses were performed for that parameter group.
5. None = No laboratory documentation available; data located only in prior data summary table(s) and/or report figure(s).
6. Exceptions indicated in parentheses.
7. Appendix IX Characterization = Complete data package available except for the constituent groups indicated.
8. Appendix IX Supplemental = A complete laboratory data package was not located; therefore the result will not be used to satisfy pre-design investigation requirements, but will be considered further in the future as part of RD/RA evaluations.
9. Data Source Legend:
   B = *MCP Interim Phase II Report and Current Assessment Summary for East Street Area 1/USEPA Area 3*, Blasland, Bouck & Lee, Inc., October 1994.
   C = *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 2 / USEPA Area 4*, Golder Associates, May 1996.
   D = MCP Interim Phase II Report and Current Assessment Summary for East Street Area 2/USEPA Area 4, Blasland, Bouck & Lee, Inc., August 1994.
   E = *Addendum to MCP Supplemental Phase II Scope of Work and Proposal for RCRA Facility Investigation of East Street Area 1 / USEPA Area 3*, Golder Associates., November 1996.
10. Abbreviations:
    PCDDs/PCDFs = polychlorinated dibenzo-dioxins/ polychlorinated dibenzo-furans
    SVOCs = semi-volatile organic compounds
    VOCs = volatile organic compounds

TABLE 3
SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Grid Coordinate	Sample Type	Depth Increment		
		0-1 Foot	1-6 Feet	6-15 Feet
PAVED				
B3	Existing:	--	--	--
	Proposed:	RAA5-B3	RAA5-B3	RAA5-B3
B4	Existing:	--	--	--
	Proposed:	RAA5-B4	RAA5-B4	RAA5-B4
C5	Existing:	--	--	--
	Proposed:	RAA5-C5	RAA5-C5	RAA5-C5
C6	Existing:	--	--	--
	Proposed:	RAA5-C6	RAA5-C6	RAA5-C6
C8	Existing:	--	--	--
	Proposed:	RAA5-C8	RAA5-C8	RAA5-C8
C10	Existing:	--	--	--
	Proposed:	RAA5-C10	RAA5-C10	RAA5-C10
C30	Existing:	--	--	--
	Proposed:	RAA5-C30	RAA5-C30	RAA5-C30
C32	Existing:	--	--	--
	Proposed:	RAA5-C32	RAA5-C32	RAA5-C32
D3	Existing:	--	--	--
	Proposed:	RAA5-D3	RAA5-D3	RAA5-D3
D5	Existing:	--	--	--
	Proposed:	RAA5-D5	RAA5-D5	RAA5-D5
D7	Existing:	--	--	--
	Proposed:	RAA5-D7	RAA5-D7	RAA5-D7
D9	Existing:	--	--	--
	Proposed:	RAA5-D9	RAA5-D9	RAA5-D9
D32	Existing:	ES1-16	ES1-16	ES1-16
	Proposed:	--	--	--
E2	Existing:	--	--	--
	Proposed:	RAA5-E2	RAA5-E2	RAA5-E2
E4	Existing:	--	--	--
	Proposed:	RAA5-E4	RAA5-E4	RAA5-E4
E6	Existing:	--	--	--
	Proposed:	RAA5-E6	RAA5-E6	RAA5-E6
E8	Existing:	--	--	--
	Proposed:	RAA5-E8	RAA5-E8	RAA5-E8
E10	Existing:	--	--	--
	Proposed:	RAA5-E10	RAA5-E10	RAA5-E10
E12	Existing:	--	--	--
	Proposed:	RAA5-E12	RAA5-E12	RAA5-E12
E29	Existing:	--	--	--
	Proposed:	RAA5-E29	RAA5-E29	RAA5-E29
F2	Existing:	--	--	--
	Proposed:	RAA5-F2	RAA5-F2	RAA5-F2
F5	Existing:	--	--	--
	Proposed:	RAA5-F5	RAA5-F5	RAA5-F5
F9	Existing:	--	--	--
	Proposed:	RAA5-F9	RAA5-F9	RAA5-F9
F16	Existing:	--	--	--
	Proposed:	RAA5-F16	RAA5-F16	RAA5-F16

TABLE 3
SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Grid Coordinate	Sample Type	Depth Increment		
		0-1 Foot	1-6 Feet	6-15 Feet
F27	Existing:	--	--	--
	Proposed:	RAA5-F27	RAA5-F27	RAA5-F27
F30	Existing:	--	--	--
	Proposed:	RAA5-F30	RAA5-F30	RAA5-F30
F33	Existing:	--	--	--
	Proposed:	RAA5-F33	RAA5-F33	RAA5-F33
G3	Existing:	--	--	--
	Proposed:	RAA5-G3	RAA5-G3	RAA5-G3
G5	Existing:	--	--	--
	Proposed:	RAA5-G5	RAA5-G5	RAA5-G5
G6	Existing:	--	--	--
	Proposed:	RAA5-G6	RAA5-G6	RAA5-G6
G8	Existing:	--	--	--
	Proposed:	RAA5-G8	RAA5-G8	RAA5-G8
G12	Existing:	--	--	--
	Proposed:	RAA5-G12	RAA5-G12	RAA5-G12
G18	Existing:	--	--	--
	Proposed:	RAA5-G18	RAA5-G18	RAA5-G18
G28	Existing:	ES1-10	ES1-10	--
	Proposed:	--	--	RAA5-G28
G31	Existing:	ES1-17	--	ES1-17
	Proposed:	--	RAA5-G31	--
H4	Existing:	--	--	--
	Proposed:	RAA5-H4	RAA5-H4	RAA5-H4
H7	Existing:	--	--	--
	Proposed:	RAA5-H7	RAA5-H7	RAA5-H7
H9	Existing:	--	--	--
	Proposed:	RAA5-H9	RAA5-H9	RAA5-H9
H10	Existing:	--	--	--
	Proposed:	RAA5-H10	RAA5-H10	RAA5-H10
H20	Existing:	--	--	--
	Proposed:	RAA5-H20	RAA5-H20	RAA5-H20
H22	Existing:	--	--	--
	Proposed:	RAA5-H22	RAA5-H22	RAA5-H22
H24	Existing:	ES1-11	ES1-11	--
	Proposed:	--	--	RAA5-H24
H26	Existing:	--	--	--
	Proposed:	RAA5-H26	RAA5-H26	RAA5-H26
H31	Existing:	ES1-25	--	ES1-25
	Proposed:	--	RAA5-H31	--
H32	Existing:	ES1-29	ES1-29	ES1-29
	Proposed:	--	--	--
I1	Existing:	--	--	--
	Proposed:	RAA5-I1	RAA5-I1	RAA5-I1
I4	Existing:	--	--	--
	Proposed:	RAA5-I4	RAA5-I4	RAA5-I4
I7	Existing:	--	--	--
	Proposed:	RAA5-I7	RAA5-I7	RAA5-I7
I17	Existing:	--	--	--
	Proposed:	RAA5-I17	RAA5-I17	RAA5-I17
I23	Existing:	--	--	--
	Proposed:	RAA5-I23	RAA5-I23	RAA5-I23
I25	Existing:	--	--	--
	Proposed:	RAA5-I25	RAA5-I25	RAA5-I25

TABLE 3
SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Grid Coordinate	Sample Type	Depth Increment		
		0-1 Foot	1-6 Feet	6-15 Feet
I26	Existing:	GEI-213	--	--
	Proposed:	--	RAA5-I26	RAA5-I26
I27	Existing:	GEI-215	--	--
	Proposed:	--	RAA5-I27	RAA5-I27
I29	Existing:	ES1-27	ES1-27	ES1-27
	Proposed:	--	--	--
J5	Existing:	--	--	--
	Proposed:	RAA5-J5	RAA5-J5	RAA5-J5
J6	Existing:	--	--	--
	Proposed:	RAA5-J6	RAA5-J6	RAA5-J6
J8	Existing:	--	--	--
	Proposed:	RAA5-J8	RAA5-J8	RAA5-J8
J16	Existing:	--	--	--
	Proposed:	RAA5-J16	RAA5-J16	RAA5-J16
J21	Existing:	--	--	--
	Proposed:	RAA5-J21	RAA5-J21	RAA5-J21
J22	Existing:	ES1-3	ES1-3	ES1-3
	Proposed:	--	--	--
UNPAVED				
A3	Existing:	--	--	--
	Proposed:	RAA5-A3	RAA5-A3	RAA5-A3
A4	Existing:	--	--	--
	Proposed:	RAA5-A4	RAA5-A4	RAA5-A4
B2	Existing:	--	--	--
	Proposed:	RAA5-B2	RAA5-B2	RAA5-B2
B7	Existing:	--	--	--
	Proposed:	RAA5-B7	RAA5-B7	RAA5-B7
B8	Existing:	--	--	--
	Proposed:	RAA5-B8	RAA5-B8	RAA5-B8
B30	Existing:	--	--	--
	Proposed:	RAA5-B30	RAA5-B30	RAA5-B30
B31	Existing:	--	--	--
	Proposed:	RAA5-B31	RAA5-B31	RAA5-B31
B32	Existing:	ES1-20	ES1-20	ES1-20
	Proposed:	--	--	--
C2	Existing:	--	--	--
	Proposed:	RAA5-C2	RAA5-C2	RAA5-C2
C12	Existing:	--	--	--
	Proposed:	RAA5-C12	RAA5-C12	RAA5-C12
C13	Existing:	--	--	--
	Proposed:	RAA5-C13	RAA5-C13	RAA5-C13
C14	Existing:	--	--	--
	Proposed:	RAA5-C14	RAA5-C14	RAA5-C14
C28	Existing:	--	--	--
	Proposed:	RAA5-C28	RAA5-C28	RAA5-C28
C29	Existing:	--	--	--
	Proposed:	RAA5-C29	RAA5-C29	RAA5-C29
C31	Existing:	--	--	--
	Proposed:	RAA5-C31	RAA5-C31	RAA5-C31
C33	Existing:	--	--	--
	Proposed:	RAA5-C33	RAA5-C33	RAA5-C33
D15	Existing:	--	--	--
	Proposed:	RAA5-D15	RAA5-D15	RAA5-D15

TABLE 3
SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Grid Coordinate	Sample Type	Depth Increment		
		0-1 Foot	1-6 Feet	6-15 Feet
D16	Existing:	--	--	--
	Proposed:	RAA5-D16	RAA5-D16	RAA5-D16
D17	Existing:	--	--	--
	Proposed:	RAA5-D17	RAA5-D17	RAA5-D17
D18	Existing:	--	--	--
	Proposed:	RAA5-D18	RAA5-D18	RAA5-D18
D19	Existing:	--	--	--
	Proposed:	RAA5-D19	RAA5-D19	RAA5-D19
D20	Existing:	--	--	--
	Proposed:	RAA5-D20	RAA5-D20	RAA5-D20
D26	Existing:	--	--	--
	Proposed:	RAA5-D26	RAA5-D26	RAA5-D26
D27	Existing:	--	--	--
	Proposed:	RAA5-D27	RAA5-D27	RAA5-D27
D28	Existing:	--	--	--
	Proposed:	RAA5-D28	RAA5-D28	RAA5-D28
D31	Existing:	--	--	--
	Proposed:	RAA5-D31	RAA5-D31	RAA5-D31
D33	Existing:	--	--	--
	Proposed:	RAA5-D33	RAA5-D33	RAA5-D33
E21	Existing:	--	--	--
	Proposed:	RAA5-E21	RAA5-E21	RAA5-E21
E22	Existing:	--	--	--
	Proposed:	RAA5-E22	RAA5-E22	RAA5-E22
E23	Existing:	--	--	--
	Proposed:	RAA5-E23	RAA5-E23	RAA5-E23
E24	Existing:	--	--	--
	Proposed:	RAA5-E24	RAA5-E24	RAA5-E24
E25	Existing:	ES1-19	--	--
	Proposed:	--	RAA5-E25	RAA5-E25
E32	Existing:	--	--	--
	Proposed:	RAA5-E32	RAA5-E32	RAA5-E32
E34	Existing:	--	--	--
	Proposed:	RAA5-E34	RAA5-E34	RAA5-E34
F34	Existing:	--	--	--
	Proposed:	RAA5-F34	RAA5-F34	RAA5-F34
G2	Existing:	--	--	--
	Proposed:	RAA5-G2	RAA5-G2	RAA5-G2
G33	Existing:	ES1-5	ES1-5	ES1-5
	Proposed:	--	--	--
G34	Existing:	ES1-6	ES1-6	--
	Proposed:	--	--	RAA5-G34
G35	Existing:	--	--	--
	Proposed:	RAA5-G35	RAA5-G35	RAA5-G35
H28	Existing:	--	--	--
	Proposed:	RAA5-H28	RAA5-H28	RAA5-H28
H29	Existing:	--	--	--
	Proposed:	RAA5-H29	RAA5-H29	RAA5-H29
H30	Existing:	--	--	--
	Proposed:	RAA5-H30	RAA5-H30	RAA5-H30

TABLE 3
SUMMARY OF PROPOSED GRID CHARACTERIZATION OF PCBs

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Grid Coordinate	Sample Type	Depth Increment		
		0-1 Foot	1-6 Feet	6-15 Feet
H33	Existing:	--	--	--
	Proposed:	RAA5-H33	RAA5-H33	RAA5-H33
H34	Existing:	--	--	--
	Proposed:	RAA5-H34	RAA5-H34	RAA5-H34
H35	Existing:	RF-13	RF-13	RF-13
	Proposed:	--	--	--
J18	Existing:	--	--	--
	Proposed:	RAA5-J18	RAA5-J18	RAA5-J18

Notes:

1. This table defines the soil sampling locations which will be utilized to satisfy grid-based sampling requirements for PCBs for the East Street Area 2-North pre-design investigation.
2. Other existing soil data will not be utilized in support of the pre-design sampling requirements, but may be used in the design of the Removal Action (as discussed in the text).
3. Existing samples are assumed to represent a grid node if they are located less than 50 feet from the 100-foot grid nodes.
4. Existing sample depths are assumed to satisfy the depth interval requirements (i.e., either 0 to 1, 1 to 6, or 6 to 15 feet) if the existing depth(s) constitute at least 50% of the depth requirement. For example, existing data for 6- to 10-foot and 10- to 12-foot depths will satisfy the 10- to 15-foot requirement at a node, but existing data for the 6- to 10-foot depth alone will not.
5. This table does not include all existing soil PCB samples collected at East Street Area 2-North. Refer to Table 1 for a complete list of all existing soil PCB samples.

TABLE 4
PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID	Sample Depth (ft.)	Analyses To Be Performed				
		PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
PAVED						
B3	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
B4	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C5	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
C6	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C8	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C10	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C30	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
C32	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D3	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D5	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
D7	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D9	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
E2	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E4	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E6	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
E8	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E10	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E12	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X

TABLE 4
PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID	Sample Depth (ft.)	Analyses To Be Performed				
		PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
E29	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
F2	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	X	X	X	--
F5	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
F9	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
F16	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
F27	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
F30	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--
F33	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
G3	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
G5	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
G6	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
G8	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
G12	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
G18	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
G28	0-1	--	X	X	X	X
	1-6	--	X	X	X	--
	6-15	X	--	--	--	--
G31	1-6	X	--	--	--	--
H4	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
H7	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
H9	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
H10	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
H20	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
H22	0-1	X	X	X	X	X
	1-6	X	X	X	X	--
	6-15	X	--	--	--	--
H24	0-1	--	X	X	X	--
	6-15	X	--	--	--	--

TABLE 4
PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID	Sample Depth (ft.)	Analyses To Be Performed				
		PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
H26	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
H31	0-1	--	X	X	X	X
	1-6	X	--	--	--	--
I1	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
I4	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
I7	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
I17	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
I23	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
I25	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
I26	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
I27	0-1	--	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
J5	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
J6	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
J8	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
J16	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	X	--	--
J21	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
UNPAVED						
A3	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
A4	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
B2	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
B7	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
B8	0-1	X	X	X	X	X
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
B30	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
B31	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--

TABLE 4
PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID	Sample Depth (ft.)	Analyses To Be Performed				
		PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
C2	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
C12	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C13	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C14	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
C28	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
C29	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C31	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
C33	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D15	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
D16	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D17	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
D18	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--
D19	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D20	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--
D26	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D27	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
D28	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D31	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
D33	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
E21	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E22	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
E23	0-1	X	--	--	--	--
	1-6	X	X	X	X	X
	6-15	X	--	--	--	--

TABLE 4
PROPOSED SOIL SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS

PRE-DESIGN INVESTIGATION WORK PLAN FOR
EAST STREET AREA 2-NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample ID	Sample Depth (ft.)	Analyses To Be Performed				
		PCBs	VOCs	SVOCs	Inorganics	PCDDs/PCDFs
E24	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E25	0-1	--	X	X	X	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X
E32	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
E34	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
F34	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
G2	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
G34	6-15	X	--	--	--	--
G35	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--
H28	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--
H29	0-1	X	X	X	X	X
	1-6	X	X	X	X	--
	6-15	X	--	--	--	--
H30	0-1	X	--	--	--	--
	1-6	X	--	--	--	--
	6-15	X	X	X	X	--
H33	0-1	X	--	--	--	--
	1-6	X	X	X	X	--
	6-15	X	--	--	--	--
H34	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	--	--	--	--
J18	0-1	X	X	X	X	X
	1-6	X	--	--	--	--
	6-15	X	X	X	X	X

Notes:
1. This table identifies soil samples to be collected and the analyses to be performed as part of the pre-design investigation at East Street Area 2-North.
2. The Appendix IX+3 sample intervals shown above may be modified in the field based on the results of photoionization detector (PID) readings and visual observations at the time of sample collection.

Figures

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

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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.

0 1000' 2000'
APPROXIMATE SCALE

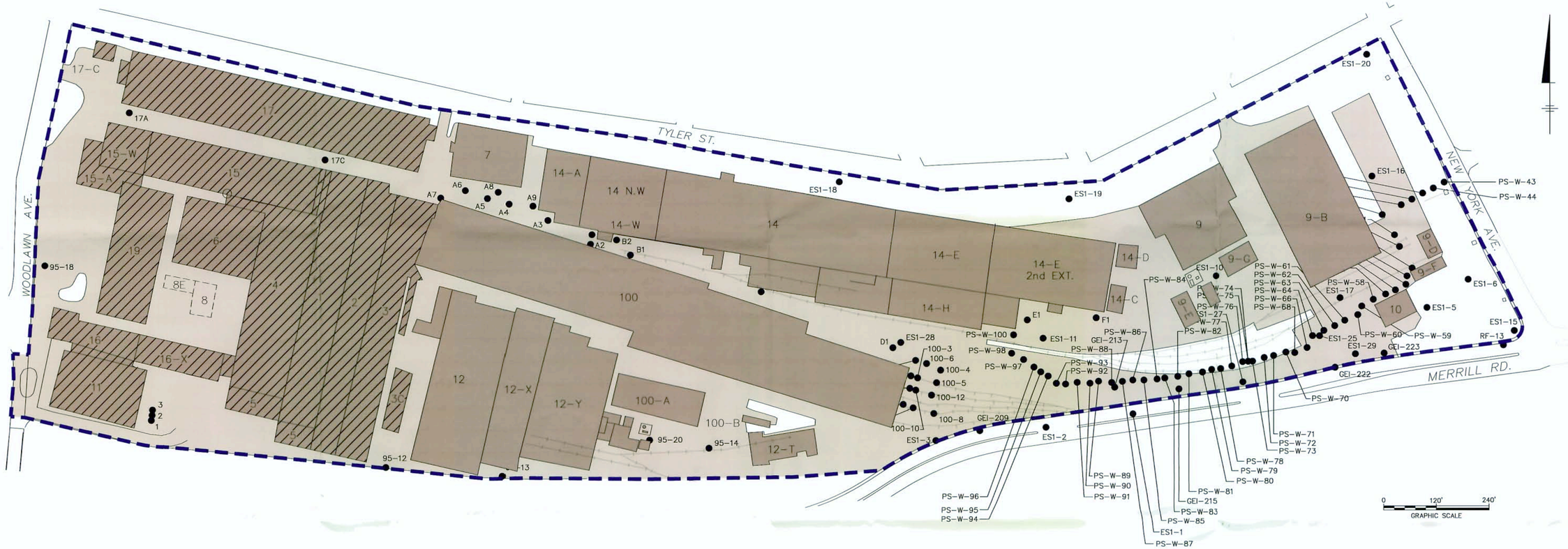
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE–DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2–NORTH

SITE LOCATION

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

FIGURE 1

L: ON=*, OFF=REF
P: PAGESET/PLT-BL
4/25/03 SYR-85-LAS KMD GMS
N/40469001/40469B04.DWG



SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 1

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

Location ID	0-2	1-2	2-4	4-6
1	1.9	---	1.4	---
2	1.4	---	7.8	---
3	ND(0.5)	---	4.5	---
100-1	---	2.7	1.3	ND(0.05)
100-2	---	1.8-2; 1.9	0.47	1.6
100-3	---	1.7-2.5; 2.4	2.5-4.5; 3.5	4.5-6.5; 0.57
100-4	---	ND(0.05)	ND(0.05)	ND(0.05)
100-5	---	1.2-2; 50	3.8	ND(0.05)
100-6	---	0.59	ND(0.05)	4-5; ND(0.05)
100-7	---	1.9	12	12
100-8	3.2	---	120	0.22
100-9	---	1.5-2.5; 0.86	2.5-4.5; 0.18	4.5-6.5; ND(0.05)
100-10	---	12	19	16
100-11	---	1.5-2.5; 0.74	2.5-4.5; 1.3	4.5-6.5; 1.5
100-12	---	2.1	3.5	0.57

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 3

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

Location ID	0-3	0-4	4-8	8-12	12-16	16-20
A2	ND(1.0)	---	---	---	---	---
A3	7.4	---	---	---	---	---
A4	ND(1.0)	---	---	---	---	---
A5	19	---	---	---	---	---
A6	ND(1.0)	---	---	---	---	---
A7	0-2: 1.6	2-4: 44	ND(1)	8-10: ND(1)	10-14: ND(1)	---
A8	3.1	---	---	---	---	---
A9	7.8	---	---	---	---	---
A10	2.1	---	---	---	---	---
A11	ND(1.0)	---	---	---	---	---
B1	ND(1.0)	---	ND(1) [ND(1)]	ND(1)	ND(1)	ND(1)
B2	3.6	---	---	---	---	---
B3	1.0	---	---	---	---	---
B4	1.5	---	---	---	---	---
B5	3.8	---	---	---	---	---
C1	---	1.9	11	11	12-15.5: ND(1)	15.5-19.5: ND(1)
D1	0-2: 30	---	22	8-13: ND(1)	---	---
E1	---	1.6	1.1	ND(1)	ND(1)	ND(1)
F1	---	1.2	ND(1) [ND(1)]	ND(1)	12-15: ND(1)	15-19: ND(1)

SUMMARY OF STEAMLINE PIPE SUPPORT BORINGS PCB SAMPLE RESULTS

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

Location ID	0-2	2-6	6-10	10-14
PS-W-43	0-4: 3.3	---	---	---
PS-W-44	0-4: 11	---	---	---
PS-W-45	10	87	8.5	---
PS-W-46	100	4.4	7.5	---
PS-W-47	79	7,100	14,000	---
PS-W-49	1.8	45	27	---
PS-W-51	0.5	3.6	0.63	---
PS-W-52	47	14	4.3	5.0
PS-W-53	8.5	5,500	800	---
PS-W-54*	5.3	700	53	---
PS-W-55	14	1,000	4.6	---
PS-W-56	1.2	5.8	4.6	---
PS-W-57	40	0.86	0.09	---
PS-W-58	1.4	0.14	1.2	---
PS-W-59	7.8	0.2	0.6	---
PS-W-60	ND(0.05)	0.13	0.09	0.09
PS-W-61	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-62	0.34	ND(0.05)	0.26	---
PS-W-63	ND(0.05)	0.15	0.09	---
PS-W-64	ND(0.05)	0.09	ND(0.05)	---
PS-W-66	0-4: ND(0.05)	4-8: ND(0.05)	8-12: ND(0.05)	---
PS-W-68	0-4: ND(0.05)	4-8: ND(0.05)	8-13: ND(0.05)	---
PS-W-70	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-71	ND(0.05)	0.05	ND(0.05)	---
PS-W-72	0.44	0.12	ND(0.05)	---
PS-W-73	ND(0.05)	0.27	0.05	---
PS-W-74	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
PS-W-75	ND(0.05)	0.42	ND(0.05)	---
PS-W-76	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-77	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-78	0.57	0.13	0.18	---
PS-W-79	---	4-6: 0.22	4.6	---
PS-W-80	---	0.24	0.78	---
PS-W-81	7.0	2-8: 0.89	8-10: ND(0.05)	---
PS-W-82	2-4: 1.7	4-8: 0.68	8-10: ND(0.05)	---
PS-W-83	---	0.60	ND(0.05)	---
PS-W-84	---	0.18	ND(0.05)	---
PS-W-85	---	0.78	0.14	---
PS-W-86	---	2.1	ND(0.05)	---
PS-W-87	---	0.52	ND(0.05)	---
PS-W-88	---	0.52	6-8: 1.6	---
PS-W-89	30	4.2	1.0	---
PS-W-90	1,400	26	68	68
PS-W-91	57	6.7	1.2	---
PS-W-92	4.5	0.58	0.24	---
PS-W-93	14	1.4	4.3	---
PS-W-94	180	1.7	1.8	---
PS-W-95	1,500	200	32	---
PS-W-96	540	36	110	---
PS-W-97	160	0.54	1.5	---
PS-W-98	8.6	0.11	0.21	0.06
PS-W-100	6.9	2.2	3.3	---

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 2

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

Location ID	0-2	0.5-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	30-32	32-34	34-36	40-42
17A	---	---	ND(1)	4-8: ND(1.0)	---	---	ND(1.0)	12-14.5: ND(1.0)[ND(1.0)]	---	---	ND(1.0)	---	---	---	---	---	---	---	---	---
17C	0-4: ND(1.0)	---	---	4-8: ND(1.0)	---	---	10-14: ND(1.0)	---	14-15: ND(1.0)	---	ND(1.0)	---	---	---	---	---	---	---	---	---
95-12	2.3	---	---	---	0.92 P	1.4	0.59	0.073	0.018 JP	ND	0.035 P	0.49	2	ND	1.3	7.5	---	---	---	46
95-13	29 P	---	1.0	0.11	0.032 JP	0.38	ND	0.23	0.16	---	0.62	0.22	0.2	0.55	25	---	---	1,000	---	---
95-14	36	---	0.77 P	2.2	1.7 P	5.3	0.03 J	0.39	ND	---	---	---	---	---	---	---	---	---	---	---
95-18	1.8	---	0.059	0.031 J	ND	ND	0.084	---	---	---	---	---	---	---	---	---	---	---	---	---
95-20	---	---	1-2: 5.7	4.1	8.4	6.5	ND	0.42	0.19	---	0.0061 J [0.01 J]	---	---	---	---	---	---	---	---	---
ES1-1	ND(0.05)	---	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)[ND(0.05)]	ND(0.05)	---	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	---	---	---	---	---	---
ES1-2	2.9	---	8.5	1.9	1.3	0.68	ND(0.05)	1.6	4.8	---	ND(0.05)	ND(0.05)	0.11	0.31	ND(0.05)	ND(0.05)	---	---	---	---
ES1-3	0.41	---	3.4	5.0	80.0	2.2	ND(0.05)	ND(0.05)	0.56	1.7	2.4 [0.17]	ND(0.05)	0.11	ND(0.05)	ND(0.05)	ND(0.05)	---	---	---	---
ES1-5	190 J	---	11 J	23	4.6 J	4.9 J	52 J	34 J	130 P	3,000 P	---	55 P	2.5	22 P	36	91	0.75	ND	0.13 P	0.41
ES1-6	0-0.5: 120	970	4.4	0.033 JP	0.019 JP	0.019 JP	---	---	---	---	---	---	---	---	---	0.026 J	---	---	---	---
ES1-10	0.52 J	---	0.46 J	ND(1.0)	---	---	---	---	---	---	ND(1.0)	---	---	---	---	---	---	---	---	---
ES1-11	1.7	---	2.3	0.015 JP	---	0.12	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ES1-15	0-0.5: 21	2.2 [45]	ND(0.23)	ND(0.081)	ND(0.860)	ND(0.840)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ES1-16	1.4 JP	---	7.5	0.045 JP	0.054 P	0.017 JP	0.0066 JP	0.005 JP	0.018 JP	0.0043 JP	0.0074 JP	0.014 JP	0.0067 JP	ND	---	ND	0.065 P	---	---	50-52: ND
ES1-17	7.5 J	---	12 J	---	0.26 J	0.022 J	---	0.035 J	---	---	---	---	---	---	---	---	---	---	---	---
ES1-18	0-0.5: 3.6 P	0.5	0.054 P	0.0073 J	ND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ES1-19	0-0.5: 3.6 J	14	0.19 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ES1-20	0-0.5: 1.3	1.1	---	0.074	0.049	ND(0.86)	ND(0.89) [ND(0.081)]	ND(0.41)	---	---	---	---	---	---	---	---	---	---	---	---
ES1-25	0.029 J	---	0.071 J	---	ND(0.077)	ND(0.076)	ND(0.083)	0.024 J	ND(0.077)	---	---	---	---	---	---	---	---	---	---	---
ES1-27	0-0.5: 0.62	2.5	0.62	4-7: 1.2	---	7-10: ND(0.073)	10-13: ND(0.077)	---	13-16: ND(0.076)	---	---	---	---	---	---	---	---	---	---	---
ES1-28	7.1 [6.9]	---	3.2	0.02	0.017	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ES1-29	2.6 J	---	38 J	17 J	9.7 J	0.53 J	1.5 J [3.1 J]	ND(0.077)	0.0081 J	---	---	---	---	---	---	---	---	---	---	---
GEI209	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GEI213	8.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GEI215	29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GEI222	---	5.1	---	---	---	---	---	---	0.16	---	---	---	---	---	---	---	---	---	---	---
GEI223	---	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RF-13	200.0	---	79.0	33.0	0.44	3.0	ND(0.05)	16.0	ND(0.10)	ND(0.05)	0.68	---	---	---	---	---	---	---	---	---

TABLE NOTES:

1. --- = No sample collected.
2. ND(0.05) = Not detected. Detection limit in parenthesis (if available)
3. [ND(0.05)] = Duplicate analysis shown in brackets.
4. J = The analyte was detected and is considered and estimated value.
5. P = The analyte was detected in the sample. The percent differences calculated from two dissimiliar GC columns is greater than 25%. The value should be considered estimated.
6. * = The location of PS-W-54 is assumed.

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- BUILDING
- BUILDING TO BE DEMOLISHED
- FORMER BUILDING LOCATION
- PAVED AREA
- ES1-1 — EXISTING SOIL BORING LOCATION 1-FOOT OR GREATER SAMPLE DEPTH)

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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. EXTENT OF PAVED/UNPAVED AREA IS APPROXIMATE.

X: 40469X01.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-DL
4/25/03 SYR-85-DMW KMD GMS
N/40469001/40469B05.DWG

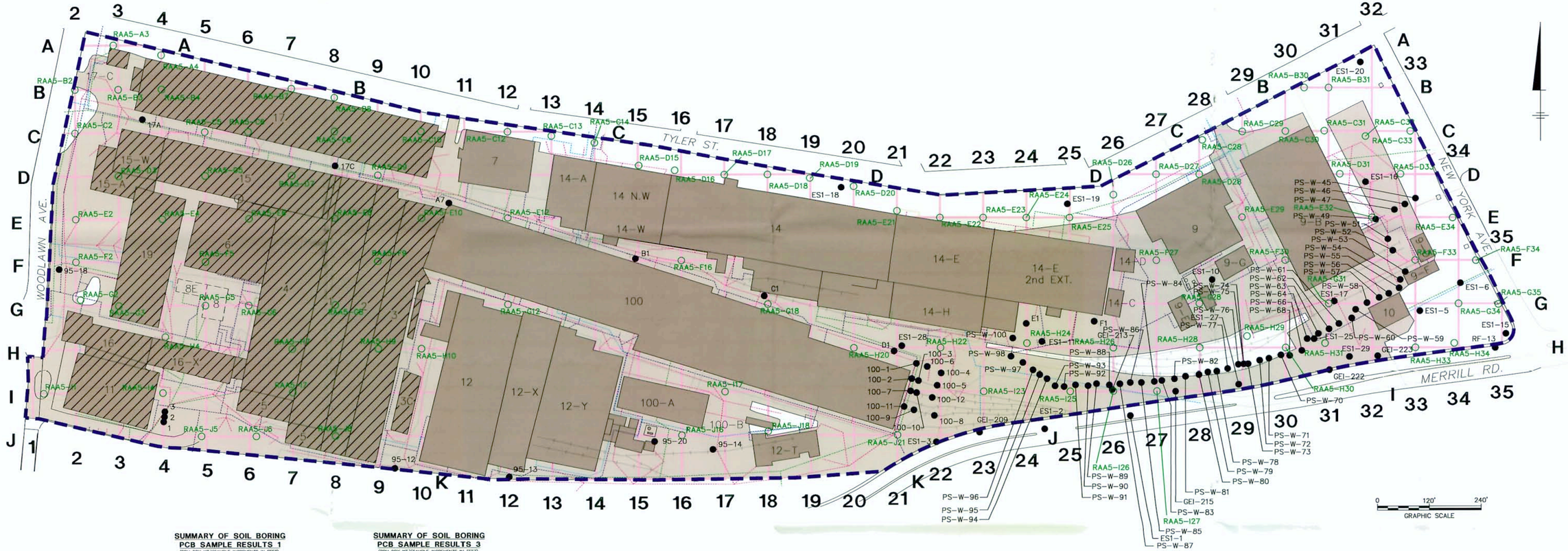
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2 – NORTH

EXISTING PCB AND APPENDIX IX+3 SOIL SAMPLE LOCATIONS AND PCB DATA

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

FIGURE 2



SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 1

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

Location ID	0-2	1-2	2-4	4-6
1	1.9	---	1.4	---
2	1.4	---	7.8	---
3	ND(0.5)	---	4.5	---
100-1	---	2.7	1.3	ND(0.05)
100-2	---	1.6-2: 1.9	0.47	1.6
100-3	---	1.7-2.5: 2.4	2.5-4.5: 3.5	4.5-6.5: 0.57
100-4	---	ND(0.05)	ND(0.05)	ND(0.05)
100-5	---	1.2-2: 50	3.8	ND(0.05)
100-6	---	0.59	ND(0.05)	4-5: ND(0.05)
100-7	---	1.9	12	12
100-8	2.2	---	120	0.22
100-9	---	1.5-2.5: 0.86	2.5-4.5: 0.18	4.5-6.5: ND(0.05)
100-10	---	12	19	16
100-11	---	1.5-2.5: 0.74	2.5-4.5: 1.3	4.5-6.5: 1.5
100-12	---	2.1	3.5	0.57

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 3

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

Location ID	0-2	2-4	4-8	8-12	12-16
A7	1.6	44	ND(1)	8-10: ND(1)	10-14: ND(1)
B1	---	---	ND(1)	ND(1)	ND(1)
C1	---	---	11	11	12-15.5: ND(1)
D1	30	---	22	8-13: ND(1)	---
E1	---	---	1.1	ND(1)	ND(1)
F1	---	---	ND(1)	ND(1)	12-15: ND(1)

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 2

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

Location ID	0-2	0.5-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16
17A	---	---	ND(1)	4-8: ND(1.0)	---	---	ND(1.0)	12-14.5: ND(1.0)[ND(1.0)]	---
17C	---	---	---	4-8: ND(1.0)	---	---	10-14: ND(1.0)	---	---
95-12	2.3	---	---	2	0.92 P	1.4	0.59	0.073	0.019 JP
95-13	29 P	---	1.6	0.11	0.032 JP	0.38	ND	0.23	0.18
95-14	36	---	0.77 P	2.2	1.7 P	5.3	0.03 J	0.39	ND
95-18	1.8	---	0.059	0.031 J	ND	ND	0.084	---	---
95-20	---	1-2: 5.7	4.1	8.4	8.5	ND	0.42	0.19	0.0061 J [0.01 J]
ES1-1	ND(0.05)	---	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)[ND(0.05)]	ND(0.05)	ND(0.05)
ES1-2	2.9	---	8.5	1.9	1.3	0.68	ND(0.05)	1.6	4.8
ES1-3	0.41	---	3.4	5.0	80.0	2.2	ND(0.05)	ND(0.05)	0.56
ES1-5	100 J	---	11 J	23	4.6 J	4.9 J	52 J	34 J	130 P
ES1-6	0-0.5: 120	970	4.4	0.033 JP	0.019 JP	0.019 JP	---	---	---
ES1-10	0.52 J	---	0.46 J	ND(1.0)	---	---	---	---	---
ES1-11	1.7	---	2.3	0.015 JP	---	0.12	---	---	---
ES1-15	0-0.5: 21	2.2 [45]	ND(0.23)	ND(0.081)	ND(0.860)	ND(0.840)	---	---	---
ES1-16	1.4 JP	---	7.5	0.045 JP	0.054 P	0.017 JP	0.0066 JP	0.005 JP	0.018 JP
ES1-17	7.5 J	---	15 J	---	0.26 J	0.022 J	---	0.035 J	---
ES1-18	0-0.5: 3.6 P	0.5	0.054 P	0.0073 J	ND	---	---	---	---
ES1-19	0-0.5: 3.6 J	14	0.19 J	---	---	---	---	---	---
ES1-20	0-0.5: 1.3	1.1	---	0.074	0.049	ND(0.88)	ND(0.89) [ND(0.081)]	ND(0.41)	---
ES1-25	0.029 J	---	0.071 J	---	ND(0.077)	ND(0.074)	ND(0.085)	0.024 J	ND(0.077)
ES1-27	0-0.5: 0.62	2.5	0.62	4-7: 1.2	---	7-10: ND(0.073)	10-13: ND(0.077)	---	13-16: ND(0.076)
ES1-28	7.1 [6.5]	---	3.2	0.02	0.017	---	---	---	---
ES1-29	2.6 J	---	38 J	17 J	9.7 J	0.53 J	1.5 J [3.1 J]	ND(0.077)	0.0083 J
GEI209	6.5	---	---	---	---	---	---	---	---
GEI213	8.4	---	---	---	---	---	---	---	---
GEI215	29	---	---	---	---	---	---	---	---
GEI222	---	5.1	---	---	---	---	---	---	0.16
GEI223	---	---	8	---	---	---	---	---	---
RF-13	200.0	---	79.0	53.0	0.44	3.0	ND(0.05)	16.0	ND(0.10)

SUMMARY OF STEAMLINE PIPE SUPPORT BORINGS PCB SAMPLE RESULTS

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

Location ID	0-2	2-6	6-10	10-14
PS-W-45	10	87	8.5	---
PS-W-46	100	4.4	7.5	---
PS-W-47	79	7,100	14,000	---
PS-W-48	1.8	49	27	---
PS-W-51	0.5	3.6	0.63	---
PS-W-52	47	14	4.3	5.0
PS-W-53	8.5	5,500	800	---
PS-W-54*	5.3	700	53	---
PS-W-55	14	1,000	4.6	---
PS-W-56	1.2	5.8	4.6	---
PS-W-57	40	0.86	0.09	---
PS-W-58	1.4	0.14	1.2	---
PS-W-59	1.8	0.2	0.6	---
PS-W-60	ND(0.05)	0.13	0.09	0.09
PS-W-61	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-62	0.34	ND(0.05)	0.26	---
PS-W-63	ND(0.05)	0.15	0.09	---
PS-W-64	ND(0.05)	0.09	ND(0.05)	---
PS-W-66	---	4-8: ND(0.05)	8-12: ND(0.05)	---
PS-W-68	---	4-8: ND(0.05)	8-12: ND(0.05)	---
PS-W-70	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-71	ND(0.05)	0.05	ND(0.05)	---
PS-W-72	0.44	0.12	ND(0.05)	---
PS-W-73	ND(0.05)	0.27	0.05	---
PS-W-74	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
PS-W-75	ND(0.05)	0.42	ND(0.05)	---
PS-W-76	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-77	ND(0.05)	ND(0.05)	ND(0.05)	---
PS-W-78	0.57	0.13	0.18	---
PS-W-79	---	4-6: 0.22	4.6	---
PS-W-80	---	0.24	0.79	---
PS-W-81	7.0	2-8: 0.89	8-10: ND(0.05)	---
PS-W-82	2-4: 1.7	4-6: 0.68	8-10: ND(0.05)	---
PS-W-83	---	0.60	ND(0.05)	---
PS-W-84	---	0.18	ND(0.05)	---
PS-W-85	---	0.78	0.14	---
PS-W-86	---	2.1	ND(0.05)	---
PS-W-87	---	0.52	ND(0.05)	---
PS-W-88	---	0.52	8-9: 1.6	---
PS-W-89	30	4.2	1.0	---
PS-W-90	1,400	36	66	66
PS-W-91	157	6.7	1.2	---
PS-W-92	4.5	0.58	0.24	---
PS-W-93	14	1.4	4.3	---
PS-W-94	160	1.7	1.8	---
PS-W-95	1,500	200	32	---
PS-W-96	540	36	110	---
PS-W-97	160	0.54	1.5	---
PS-W-98	8.6	0.11	0.21	0.06
PS-W-100	6.9	2.2	3.3	---

TABLE NOTES:

1. -- = No sample collected.
2. ND(0.05) = Not detected. Detection limit in parenthesis (if available).
3. [ND(0.05)] = Duplicate analysis shown in brackets.
4. J = The analyte was detected and is considered and estimated value.
5. P = The analyte was detected in the sample. The percent differences calculated from two dissimiliar GC columns is greater than 25%. The value should be considered estimated.
6. The location of PS-W-54 is assumed.

LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- BUILDING
- BUILDING TO BE DEMOLISHED
- FORMER BUILDING LOCATION
- PAVED AREA
- ES1-1 — EXISTING SOIL BORING LOCATION 1-FOOT OR GREATER SAMPLE DEPTH)
- RAA5-C12 — PROPOSED SOIL BORING LOCATION
- 100-FOOT SAMPLING GRID
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- FIRE PROTECTION MAIN
- NATURAL GAS MAIN
- ELECTRIC/TELEPHONE CONDUIT

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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. EXTENT OF PAVED/UNPAVED AREA IS APPROXIMATE.
5. ONLY EXISTING PCB SAMPLE LOCATIONS USED FOR CHARACTERIZATION OF SITE SOILS ARE SHOWN. REFER TO TABLES ONE AND THREE FOR PROPOSED USE (GRID CHARACTERIZATION OR SUPPLEMENTAL).

X: 40469X01.DWG, 40469X03.DWG
L: ON=*, OFF=REF*, [OFFSET, [U-HATCH
P: PAGESET/PLT-DL
4/25/03 SYR-54-DMW KMD GMS
N/40469001/40469B06.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2 – NORTH

EXISTING AND PROPOSED PCB SOIL SAMPLE LOCATIONS AND PCB DATA

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

FIGURE 3

LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- BUILDING
- BUILDING TO BE DEMOLISHED
- FORMER BUILDING LOCATION
- PAVED AREA
- ● ES1-11 — EXISTING SOIL BORING LOCATION 1-FOOT OR GREATER SAMPLE DEPTH)
- ○ RAA5-G12 — PROPOSED SOIL BORING LOCATION

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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
5. ONLY EXISTING SAMPLE LOCATIONS USED TO DEFINE APPENDIX IX+3 CONSTITUENTS IN SOILS ARE SHOWN. REFER TO TABLE TWO FOR PROPOSED USE (CHARACTERIZATION OR SUPPLEMENTAL).
6. SAMPLES FROM EXISTING AND PROPOSED SOIL SAMPLE LOCATIONS HAVE BEEN OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENT GROUPS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS OTHERWISE INDICATED IN PARENTHESES USING THE FOLLOWING DESIGNATIONS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO -P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

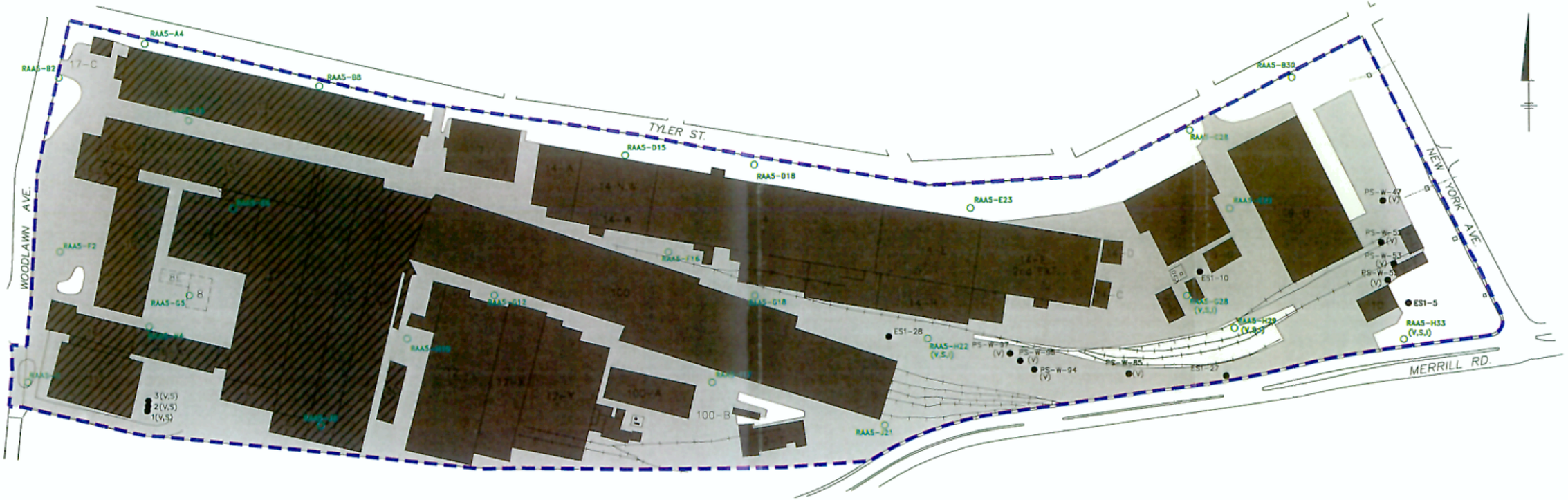
PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2 – NORTH

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLE LOCATIONS (0- TO 1-FOOT DEPTH INTERVAL)

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

FIGURE 4

X: 40469X04.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
4/25/03 SYR-54-DMW KMD GMS
H/40469001/APPENDIX/40469B03.DWG



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- BUILDING
- BUILDING TO BE DEMOLISHED
- FORMER BUIDING LOCATION
- PAVED AREA
- ES1-10 — EXISTING SOIL BORING LOCATION 1-FOOT OR GREATER SAMPLE DEPTH)
- RAA5-G5 — PROPOSED SOIL BORING LOCATION

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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
5. ONLY EXISTING SAMPLE LOCATIONS USED TO DEFINE APPENDIX IX+3 CONSTITUENTS IN SOILS ARE SHOWN. REFER TO TABLE TWO FOR PROPOSED USE (CHARACTERIZATION OR SUPPLEMENTAL).
6. SAMPLES FROM EXISTING AND PROPOSED SOIL SAMPLE LOCATIONS HAVE BEEN OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENT GROUPS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS OTHERWISE INDICATED IN PARENTHESES USING THE FOLLOWING DESIGNATIONS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO -P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

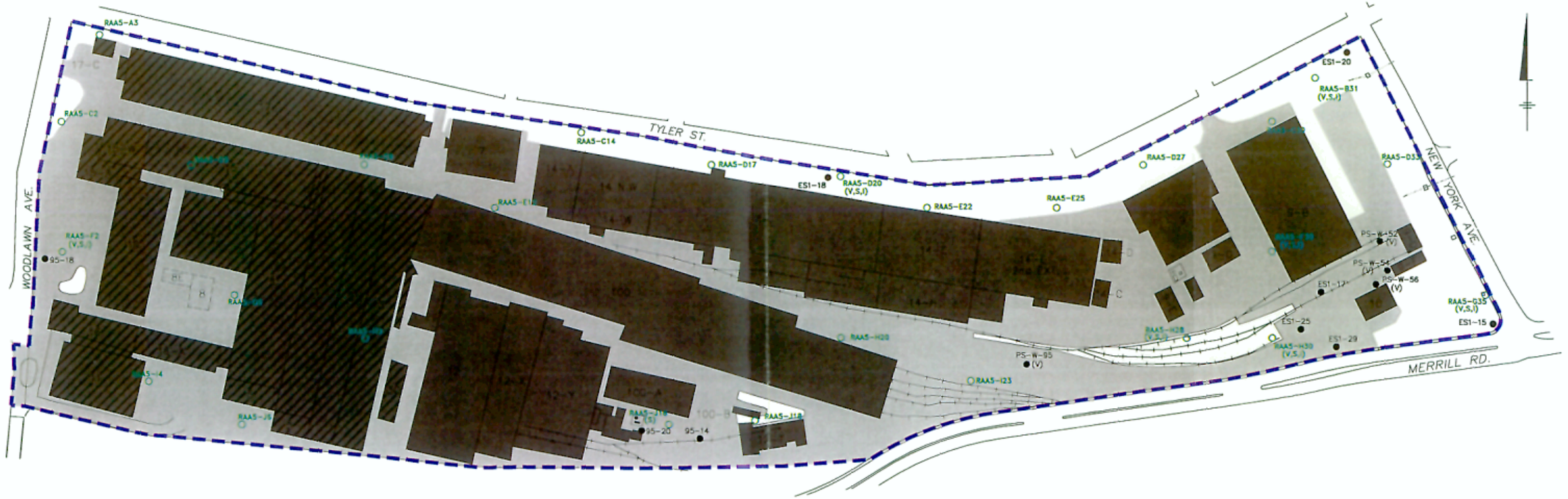
PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2 – NORTH

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLE LOCATIONS (1- TO 6-FOOT DEPTH INTERVAL)

BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 5

X: 40469X04.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-DL
4/25/03 SYR-85-DMW KMD GMS
N:/40469001/APPENDIX/40469B04.DWG



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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
5. ONLY EXISTING SAMPLE LOCATIONS USED TO DEFINE APPENDIX IX+3 CONSTITUENTS IN SOILS ARE SHOWN. REFER TO TABLE TWO FOR PROPOSED USE (CHARACTERIZATION OR SUPPLEMENTAL).
6. SAMPLES FROM EXISTING AND PROPOSED SOIL SAMPLE LOCATIONS HAVE BEEN OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENT GROUPS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS OTHERWISE INDICATED IN PARENTHESES USING THE FOLLOWING DESIGNATIONS:

V = VOLATILE ORGANIC COMPOUNDS (VOCs)
S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
D = POLYCHLORINATED DIBENZO -P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
I = INORGANICS

LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- BUILDING
- BUILDING TO BE DEMOLISHED
- FORMER BUILDING LOCATION
- PAVED AREA
- ES1-18 — EXISTING SOIL BORING LOCATION 1-FOOT OR GREATER SAMPLE DEPTH)
- RAA5-J6 — PROPOSED SOIL BORING LOCATION

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

PRE-DESIGN INVESTIGATION WORK PLAN FOR EAST STREET AREA 2 – NORTH

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLE LOCATIONS (6- TO 15-FOOT DEPTH INTERVAL)

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

FIGURE 6

X: 40469X04.DWG
L: ON=*; OFF=REF*
P: PAGESET/PLT-DL2B
4/25/03 SYR-BS-DMW KMG GMS
N/40469001/APPENDIX/40469B05.DWG

Appendix

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

Appendix A

Compilation of Prior Soil Sampling Data

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

DELIVERED TO
GRANT BOWMAN (GE)
11-7-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg.11 Steamline Sampling (MCP)

Date: 10/11/90
File No: 101-98-11
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg.11. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE DATE
11-SLS-C1	1.9	1	SOIL	DISCRETE-CORE	0'-2'	09/27/90
11-SLS-C2	1.4	1	SOIL	DISCRETE-CORE	2'-4'	09/27/90
1-SLS-C3	1.4	2	SOIL	DISCRETE-GRAB	0'-2'	09/27/90
11-SLS-C4	7.3	2	SOIL	DISCRETE-GRAB	2'-4'	09/27/90
1-SLS-C5	<.5	3	SOIL	DISCRETE-GRAB	0'-2'	09/27/90
1-SLS-C6	4.5	3	SOIL	DISCRETE-GRAB	2'-4'	09/27/90
11-SLS-C7	<.5	4	ASPHALT	DISCRETE-GRAB	0"-4"	09/27/90
1-SLS-C8	1.3	5	ASPHALT	DISCRETE-GRAB	0"-4"	09/27/90
11-SLS-C9	3.1	6	ASPHALT	DISCRETE-GRAB	0"-4"	09/27/90

VOC SAMPLING RESULTS METHOD 8240

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE DATE
11-SLS-C10	see OBG Lab Report	1	SOIL	DISCRETE-CORE	0'-2'	09/28/90
11-SLS-C11	see OBG Lab Report	1	SOIL	DISCRETE-CORE	2'-4'	09/28/90
11-SLS-C12	see OBG Lab Report	2	SOIL	DISCRETE-GRAB	0'-2'	09/28/90
-SLS-C13	see OBG Lab Report	2	SOIL	DISCRETE-GRAB	2'-4'	09/28/90

VOC SAMPLING RESULTS METHOD 8240

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE DATE
11-SLS-C14	see OBG Lab Report	3	SOIL	DISCRETE-GRAB	0'-2'	09/28/90
11-SLS-C15	see OBG Lab Report	3	SOIL	DISCRETE-GRAB	2'-4'	09/28/90

SEMI-VOLATILES SAMPLING RESULTS METHOD 8270

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE DATE
11-SLS-C10	see OBG Lab Report	1	SOIL	DISCRETE-CORE	0'-2'	09/28/90
11-SLS-C11	see OBG Lab Report	1	SOIL	DISCRETE-CORE	2'-4'	09/28/90
11-SLS-C12	see OBG Lab Report	2	SOIL	DISCRETE-GRAB	0'-2'	09/28/90
11-SLS-C13	see OBG Lab Report	2	SOIL	DISCRETE-GRAB	2'-4'	09/28/90
11-SLS-C14	see OBG Lab Report	3	SOIL	DISCRETE-GRAB	0'-2'	09/28/90
11-SLS-C15	see OBG Lab Report	3	SOIL	DISCRETE-GRAB	2'-4'	09/28/90

OBG LABORATORIES, INC.

PRELIMINARY

Volatile Organics Method 8240

CLIENT Blasland & Bouck Engineers, P.C. JOB NO. 2887.026.517

DESCRIPTION Stratmore Building 11 Soils
GE Pittsfield

DATE COLLECTED 9-27-90 DATE RECEIVED 10-1-90 DATE ANALYZED 10-10/11-90

DESCRIPTION:	11-SLS-C10	11-SLS-C11	11-SLS-C12	11-SLS-C13	11-SLS-C14	11-SLS-C15
SAMPLE NO.:	L0724	L0725	L0726	L0727	L0728	L0729
Chloromethane	<10	<10	<10	<11	<10	<10
Bromomethane	↓	↓	↓	↓	↓	↓
Vinyl chloride	↓	↓	↓	↓	↓	↓
Chloroethane	↓	↓	↓	↓	↓	↓
Methylene chloride	<5	<5	<5	<5	<5	<5
Acetone	<10	<10	<10	<11	<10	<10
Carbon disulfide	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	↓	↓	↓	↓	↓	↓
1,1-Dichloroethane	↓	↓	↓	↓	↓	↓
1,2-Dichloroethene (total)	↓	↓	↓	↓	↓	↓
Chloroform	↓	↓	↓	↓	↓	↓
1,2-Dichloroethane	↓	↓	↓	↓	↓	↓
2-Butanone	<10	<10	<10	<11	<10	<10
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5	<5
Vinyl acetate	<10	<10	<10	<11	<10	<10
Bromodichloromethane	<5	<5	<5	<5	<5	<5
1,2-Dichloropropane	↓	↓	↓	↓	↓	↓
cis-1,3-Dichloropropene	↓	↓	↓	↓	↓	↓
Trichloroethene	↓	↓	↓	↓	↓	↓
Dibromochloromethane	↓	↓	↓	↓	↓	↓
1,1,2-Trichloroethane	↓	↓	↓	↓	↓	↓
Benzene	↓	↓	↓	↓	↓	↓

Authorized: _____

Date: _____

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

LABORATORIES, INC.

Volatile Organics Method 8240

PRELIMINARY

CLIENT Blasland & Bouck Engineers, P.C. JOB NO. 2887.C26.517

DESCRIPTION Steamline Building 11 Soils
GE Fitzfield

DATE COLLECTED 9-27-90 DATE RECEIVED 10-1-90 DATE ANALYZED 10-10/11-90

DESCRIPTION:	11-SLS-C10	11-SLS-C11	11-SLS-C12	11-SLS-C13	11-SLS-C14	11-SLS-C15
SAMPLE NO.:	L0724	L0725	L0726	L0727	L0728	L0729
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone	<10	<10	<10	<11	<10	<10
2-Hexanone	<10	<10	<10	<11	<10	<10
Tetrachloroethene	<5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	↓	↓	↓	↓	↓	↓
Toluene						
Chlorobenzene						
Ethylbenzene						
Styrene						
Xylene (total)						

Comments:

check this Doc →

Methodology: EPA Target Compound List By 8240, SW-846 November 1986, 3rd Edition

Certification No.: NY034

Units: ug/kg dry weight

Authorized: _____

Date: _____

IG Laboratories, Inc., an O'Brien & Gere Limited Company
00 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

OBG LABORATORIES, INC.

Laboratory Report

PRELIMINARY

CLIENT BLASLAND & BOUCK ENGINEERS JOB NO. 2887-026-517

DESCRIPTION STREAMLINE BLDG # I
G.E PITTSFIELD, SOILS

Date analyzed 10/2/90 DATE COLLECTED 9/27/90 DATE RECEIVED 10/1/90

	Sample #	PCB 8080	Aroclor	PCTS
IL-SLS-C1	LOT 15	1.9	1254	95
C2	16	1.4	1254	94
C3	17	1.4	1254	94
C4	18	7.8	1254/1260	93
C5	19	<.5	—	95
C6	20	4.5	1254/1260	94
C7	21	<.5	—	100
C8	22	1.3	1260	100
C9	23	3.1	1260	100

Comments:

Certification No.: N.Y. 034

Units: mg/kg dry wt.

Authorized:

Date:

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

OBG LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT Blasland & Bouck Engineers, P.C. JOB NO. 2557.026.517

DESCRIPTION Steamline Bldg 11 GE Pittsfield
11-SLS-C10, Soil

SAMPLE NO. L0724 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Phenol	<350	4-Chloro-3-methylphenol	<350
Bis (2-chloroethyl) ether		2-Methylnaphthalene	
2-Chlorophenol		Hexachlorocyclopentadiene	
1,3-Dichlorobenzene		2,4,6-Trichlorophenol	
1,4-Dichlorobenzene		2,4,5-Trichlorophenol	<1700
Benzyl alcohol		2-Chloronaphthalene	<350
1,2-Dichlorobenzene		2-Nitroaniline	<1700
2-Methylphenol		Dimethylphthalate	<350
Bis (2-chloroisopropyl) ether		Acenaphthylene	
4-Methylphenol		2,6-Dinitrotoluene	
N-Nitroso-di-n-propylamine		3-Nitroaniline	<1700
Hexachloroethane		Acenaphthene	<350
Nitrobenzene		2,4-Dinitrophenol	<1700
Isophorone		4-Nitrophenol	<1700
2-Nitrophenol		Dibenzofuran	<350
2,4-Dimethylphenol		2,4-Dinitrotoluene	
Benzoic acid	<1700	Diethylphthalate	
Bis (2-chloroethoxy) methane	<350	4-Chlorophenyl-phenylether	
2,4-Dichlorophenol		Fluorene	
1,2,4-Trichlorobenzene		4-Nitroaniline	<1700
Naphthalene		4,6-Dinitro-2-methylphenol	<1700
4-Chloroaniline		N-Nitrosodiphenylamine	<350
Hexachlorobutadiene		4-Bromophenyl-phenylether	<350

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C10, Soil

SAMPLE NO. L0724 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Hexachlorobenzene	<350	Benzo (a) anthracene	<350
Pentachlorophenol	<1700	Chrysene	
Phenanthrene	<350	Bis (2-ethylhexyl) phthalate	
Anthracene		Di-n-octylphthalate	
Di-n-butylphthalate		Benzo (b) fluoranthene	
Fluoranthene		Benzo (k) fluoranthene	
Pyrene		Benzo (a) pyrene	
Butylbenzylphthalate		Indeno (1,2,3-cd) pyrene	
3,3'-Dichlorobenzidine	<700	Dibenz (a,h) anthracene	
		Benzo (g,h,i) perylene	

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 3rd Edition

check this Doc

Certification No.: NY034

Units: µg/kg

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

Authorized: _____

Date: _____

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PRELIMINARY

Semivolatile Organics
Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C11, Soil

SAMPLE NO. 60725 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Phenol	<340	4-Chloro-3-methylphenol	<340
Bis (2-chloroethyl) ether		2-Methylnaphthalene	
2-Chlorophenol		Hexachlorocyclopentadiene	
1,3-Dichlorobenzene		2,4,6-Trichlorophenol	
1,4-Dichlorobenzene		2,4,5-Trichlorophenol	<1700
Benzyl alcohol		2-Chloronaphthalene	<340
1,2-Dichlorobenzene		2-Nitroaniline	<1700
2-Methylphenol		Dimethylphthalate	<340
Bis (2-chloroisopropyl) ether		Acenaphthylene	
4-Methylphenol		2,6-Dinitrotoluene	
N-Nitroso-di-n-propylamine		3-Nitroaniline	<1700
Hexachloroethane		Acenaphthene	<340
Nitrobenzene		2,4-Dinitrophenol	<1700
Isophorone		4-Nitrophenol	<1700
2-Nitrophenol		Dibenzofuran	<340
2,4-Dimethylphenol		2,4-Dinitrotoluene	
Benzoic acid	<1700	Diethylphthalate	
Bis (2-chloroethoxy) methane	<340	4-Chlorophenyl-phenylether	
2,4-Dichlorophenol		Fluorene	
1,2,4-Trichlorobenzene		4-Nitroaniline	<1700
Naphthalene		4,6-Dinitro-2-methylphenol	<1700
4-Chloroaniline		N-Nitrosodiphenylamine	<340
Hexachlorobutadiene		4-Bromophenyl-phenylether	<340

Authorized: _____

Date: _____

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Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GF PITTSFIELD
11-SLS-C11, Soil

SAMPLE NO. 60725 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Hexachlorobenzene	<340	Benzo (a) anthracene	<340
Pentachlorophenol	<1700	Chrysene	
Phenanthrene	<340	Bis (2-ethylhexyl) phthalate	
Anthracene		Di-n-octylphthalate	
Di-n-butylphthalate		Benzo (b) fluoranthene	
Fluoranthene		Benzo (k) fluoranthene	
Pyrene		Benzo (a) pyrene	
Butylbenzylphthalate		Indeno (1,2,3-cd) pyrene	
3,3'-Dichlorobenzidine	<690	Dibenz (a,h) anthracene	
		Benzo (g,h,i) perylene	

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 3rd Edition

check this Doc

Certification No.: NY034

Units: µg/kg dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

PRELIMINARY

Semivolatile Organics
Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2557.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C12, Soil

SAMPLE NO. 40726 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Phenol	<350	4-Chloro-3-methylphenol	<350
Bis (2-chloroethyl) ether		2-Methylnaphthalene	
2-Chlorophenol		Hexachlorocyclopentadiene	
1,3-Dichlorobenzene		2,4,6-Trichlorophenol	
1,4-Dichlorobenzene		2,4,5-Trichlorophenol	<1700
Benzyl alcohol		2-Chloronaphthalene	<350
1,2-Dichlorobenzene		2-Nitroaniline	<1700
2-Methylphenol		Dimethylphthalate	<350
Bis (2-chloroisopropyl) ether		Acenaphthylene	
4-Methylphenol		2,6-Dinitrotoluene	
N-Nitroso-di-n-propylamine		3-Nitroaniline	<1700
Hexachloroethane		Acenaphthene	<350
Nitrobenzene		2,4-Dinitrophenol	<1700
Isophorone		4-Nitrophenol	<1700
2-Nitrophenol		Dibenzofuran	<350
2,4-Dimethylphenol		2,4-Dinitrotoluene	
Benzoic acid	<1700	Diethylphthalate	
Bis (2-chloroethoxy) methane	<350	4-Chlorophenyl-phenylether	
2,4-Dichlorophenol		Fluorene	
1,2,4-Trichlorobenzene		4-Nitroaniline	<1700
Naphthalene		4,6-Dinitro-2-methylphenol	<1700
4-Chloroaniline		N-Nitrosodiphenylamine	<350
Hexachlorobutadiene		4-Bromophenyl-phenylether	<350

Authorized: _____

Date: _____

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway, Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

OBG LABORATORIES, INC.

PRELIMINARY

Semivolatile Organics
Method 8270

CLIENT BLASLAND / BOUCK ENGINEERS P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C12 Soil

SAMPLE NO. L0726 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Hexachlorobenzene	<350	✓ Benzo (a) anthracene	430
Pentachlorophenol	<1700	✓ Chrysene	450
Phenanthrene	<350	Bis (2-ethylhexyl) phthalate	<350
Anthracene	↓	Di-n-octylphthalate	<350
Di-n-butylphthalate		✓ Benzo (b) fluoranthene	560
✓ Fluoranthene	720	✓ Benzo (k) fluoranthene	420
✓ Pyrene	820	✓ Benzo (a) pyrene	500
Butylbenzylphthalate	<350	Indeno (1,2,3-cd) pyrene	<350
3,3'-Dichlorobenzidine	<700	Dibenz (a,h) anthracene	↓
		Benzo (g,h,i) perylene	

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 3rd Edition

check this Doc

Certification No.: NY034

Units: µg/kg dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

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Authorized: _____

Date: _____

CBG LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT Blasland & Bouck Engineers, P.C. JOB NO. 2557.026.517

DESCRIPTION Steamline Bldg 11 GE Pittsfield
11-SLS-C13, Soil

SAMPLE NO. 40227 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Phenol	<360	4-Chloro-3-methylphenol	<360
Bis (2-chloroethyl) ether		2-Methylnaphthalene	
2-Chlorophenol		Hexachlorocyclopentadiene	
1,3-Dichlorobenzene		2,4,6-Trichlorophenol	
1,4-Dichlorobenzene		2,4,5-Trichlorophenol	<1800
Benzyl alcohol		2-Chloronaphthalene	<360
1,2-Dichlorobenzene		2-Nitroaniline	<1800
2-Methylphenol		Dimethylphthalate	<360
Bis (2-chloroisopropyl) ether		Acenaphthylene	
4-Methylphenol		2,6-Dinitrotoluene	
N-Nitroso-di-n-propylamine		3-Nitroaniline	<1800
Hexachloroethane		Acenaphthene	<360
Nitrobenzene		2,4-Dinitrophenol	<1800
Isophorone		4-Nitrophenol	<1800
2-Nitrophenol		Dibenzofuran	<360
2,4-Dimethylphenol		2,4-Dinitrotoluene	
Benzoic acid	<1800	Diethylphthalate	
Bis (2-chloroethoxy) methane	<360	4-Chlorophenyl-phenylether	
2,4-Dichlorophenol		Fluorene	
1,2,4-Trichlorobenzene		4-Nitroaniline	<1800
Naphthalene		4,6-Dinitro-2-methylphenol	<1800
4-Chloroaniline		N-Nitrosodiphenylamine	<360
Hexachlorobutadiene		4-Bromophenyl-phenylether	<360

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OSG LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C13, Soil

SAMPLE NO. 20727 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/09/90 DATE ANALYZED 10/15/90

~~Hexachlorobenzene~~	<360	Benzo (a) anthracene	<360
Pentachlorophenol	<1800	~~Chrysene~~	
~~Phenanthrene~~	<360	Bis (2-ethylhexyl) phthalate	
Anthracene		~~Di-n-octylphthalate~~	
~~Di-n-butylphthalate~~		Benzo (b) fluoranthene	
Fluoranthene		Benzo (k) fluoranthene	
~~Pyrene~~		Benzo (a) pyrene	
Butylbenzylphthalate		Indeno (1,2,3-cd) pyrene	
~~3,3'-Dichlorobenzidine~~	<720	Dibenz (a,h) anthracene	
		~~Benzo (g,h,i) perylene~~	

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 3rd Edition

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Certification No.: NY034

Units: µg/kg

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

Authorized: _____

Date: _____

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BG LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT BLASLAND BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 G.E. PITTSFIELD
11-SLS-C14, Soil

SAMPLE NO. 40728 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/07/90 DATE ANALYZED 10/15/90

Phenol	<340
Bis (2-chloroethyl) ether	
2-Chlorophenol	
1,3-Dichlorobenzene	
1,4-Dichlorobenzene	
Benzyl alcohol	
1,2-Dichlorobenzene	
2-Methylphenol	
Bis(2-chloroisopropyl) ether	
4-Methylphenol	
N-Nitroso-di-n-propylamine	
Hexachloroethane	
Nitrobenzene	
Isophorone	
2-Nitrophenol	
2,4-Dimethylphenol	
Benzoic acid	<1700
Bis (2-chloroethoxy) methane	<340
2,4-Dichlorophenol	
1,2,4-Trichlorobenzene	
Naphthalene	
4-Chloroaniline	
Hexachlorobutadiene	

4-Chloro-3-methylphenol	<340
2-Methylnaphthalene	
Hexachlorocyclopentadiene	
2,4,6-Trichlorophenol	
2,4,5-Trichlorophenol	<1700
2-Chloronaphthalene	<340
2-Nitroaniline	<1700
Dimethylphthalate	<340
Acenaphthylene	
2,6-Dinitrotoluene	
3-Nitroaniline	<1700
Acenaphthene	<340
2,4-Dinitrophenol	<1700
4-Nitrophenol	<1700
Dibenzofuran	<340
2,4-Dinitrotoluene	
Diethylphthalate	
4-Chlorophenyl-phenylether	
Fluorene	
4-Nitroaniline	<1700
4,6-Dinitro-2-methylphenol	<1700
N-Nitrosodiphenylamine	<340
4-Bromophenyl-phenylether	<340

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Date: _____

LABORATORIES, INC.

Semivolatile Organics
Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GF PITTSFIELD
11-SLS-C14, Soil

SAMPLE NO. 40728 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/08/90 DATE ANALYZED 10/15/90

~~Hexachlorobenzene~~	<340	Benzo (a) anthracene	<340
Pentachlorophenol	<1700	~~Chrysene~~	
~~Phenanthrene~~	<340	Bis (2-ethylhexyl) phthalate	
Anthracene		~~Di-n-octylphthalate~~	
~~Di-n-butylphthalate~~		Benzo (b) fluoranthene	
Fluoranthene		Benzo (k) fluoranthene	
~~Pyrene~~		Benzo (a) pyrene	
Butylbenzylphthalate		Indeno (1,2,3-cd) pyrene	
~~3,3'-Dichlorobenzidine~~	<690	Dibenz (a,h) anthracene	
		Benzo (g,h,i) perylene	

Comments:

Methodology: EPA Target Compound List By 8270. SW-846 November 1986, 3rd Edition

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Certification No.: NY034

Units: µg/kg dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

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OBG LABORATORIES, INC.

PRELIMINARY

Semivolatile Organics
Method 8270

CLIENT Blasland & Bouck Engineers, P.C. JOB NO. 2887.026.517

DESCRIPTION Steamline Bldg 11 GE Pittsfield
11-SLS-C15, Soil

SAMPLE NO. 60729 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

Phenol	<340	4-Chloro-3-methylphenol	<340
Bis (2-chloroethyl) ether		2-Methylnaphthalene	
2-Chlorophenol		Hexachlorocyclopentadiene	
1,3-Dichlorobenzene		2,4,6-Trichlorophenol	
1,4-Dichlorobenzene		2,4,5-Trichlorophenol	<1700
Benzyl alcohol		2-Chloronaphthalene	<340
1,2-Dichlorobenzene		2-Nitroaniline	<1700
2-Methylphenol		Dimethylphthalate	<340
Bis (2-chloroisopropyl) ether		Acenaphthylene	
4-Methylphenol		2,6-Dinitrotoluene	
N-Nitroso-di-n-propylamine		3-Nitroaniline	<1700
Hexachloroethane		Acenaphthene	<340
Nitrobenzene		2,4-Dinitrophenol	<1700
Isophorone		4-Nitrophenol	<1700
2-Nitrophenol		Dibenzofuran	<340
2,4-Dimethylphenol		2,4-Dinitrotoluene	
Benzoic acid	<1700	Diethylphthalate	
Bis (2-chloroethoxy) methane	<340	4-Chlorophenyl-phenylether	
2,4-Dichlorophenol		Fluorene	
1,2,4-Trichlorobenzene		4-Nitroaniline	<1700
Naphthalene		4,6-Dinitro-2-methylphenol	<1700
4-Chloroaniline		N-Nitrosodiphenylamine	<340
Hexachlorobutadiene		4-Bromophenyl-phenylether	<340

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LABORATORIES, INC.

PRELIMINARY

Semivolatile Organics Method 8270

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887-026.517

DESCRIPTION STEAMLINE BLDG 11 GF PITTSFIELD
11-SLS-C1K, Soil

SAMPLE NO. 40729 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/08/90 DATE ANALYZED 10/15/90

~~Hexachlorobenzene~~	<340	Benzo (a) anthracene	<340
Pentachlorophenol	<1700	~~Chrysene~~	
~~Phenanthrene~~	<340	Bis (2-ethylhexyl) phthalate	
Anthracene		~~Di-n-octylphthalate~~	
~~Di-n-butylphthalate~~		Benzo (b) fluoranthene	
Fluoranthene		~~Benzo (k) fluoranthene~~	
~~Pyrene~~		Benzo (a) pyrene	
Butylbenzylphthalate		Indeno (1,2,3-cd) pyrene	
~~3,3'-Dichlorobenzidine~~	<690	Dibenz (a,h) anthracene	
		~~Benzo (g,h,i) perylene~~	

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 2nd Edition

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Certification No.: NY034

Units: µg/kg dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

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Authorized: _____

Date: _____

TOTAL P.30

TABLE 4-26a
(CONT'D.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(TOTAL PCBs, Dry-weight ppm)

Location	(Depth)	Total PCBs (ppm)
A-7	0-2 ft.	1.6
	2-4 ft.	44
	4-8 ft.	--
	8-10 ft.	--
	10-14 ft.	--
B-1	4-8 ft.	--
	8-12 ft.	--
	12-16 ft.	--
	16-20 ft.	--
C-1	0-4 ft.	1.9
	4-8 ft.	11
	8-12 ft.	11
	12-15.5 ft.	--
	15.5-19.5 ft.	--
17-A	2-4 ft.	--
	4-8 ft.	--
	10-12 ft.	--
	12 - 14.5 ft.	--
	12 - 14.5 ft. (Dup.)	--
	18-20 ft.	--
17-B	0-4 ft.	--
17-C	0-4 ft.	--
	4-8 ft.	--
	10-14 ft.	--
	14-18 ft.	--
	18-20 ft.	--

Notes:
Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.
Samples were collected from boring RF-4 on June 11, 1991.
Samples were collected from borings A-7, B-1, 17A, 17B, and 17C between May 1 and May 16, 1990 and analyzed for PCBs by GE. All other samples were analyzed for PCBs by IT Analytical Services.
ppm = Parts per million.
NS = Not sampled.
-- = Indicates not detected at or above the detection level.
RE = Indicates re-extraction of sample.
Dup. = Indicates duplicate sample.
** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 1
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
EAST STREET AREA 1

SOILS DATA - BUILDING 100 WELL INSTALLATION PROGRAM

Well ID	Sample Depth (ft)	PCB Concentration (ppm)
A7	0-2	1.6
	2-4	44
	4-8	<1
	8-10	<1
	10-14	<1
B1	4-8	<1
	8-12	<1
	12-16	<1
	16-20	<1
C1	0-4	1.9
	4-8	~~<1~~ 11
	8-12	~~<1~~ 11
	12-15.5	<1
	15.5-19.5	<1
D1	0-2	30
	4-8	22
	8-13	<1
E1	0-4	1.6
	4-8	1.1
	8-12	<1
	12-16	<1
	16-20	<1
F1	0-4	1.2
	4-8	<1
	8-12	<1
	12-15	<1
	15-19	<1

Notes:

1. Concentrations reported in parts per million dry weight
2. Analyses performed by OBG Laboratories, Inc. March 2-14, 1990.
3. Wells D1, E1, and F1 and located in USEPA Study Area 3.

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No:

DATE COLLECTED See Below DATE REC'D. 2/21/90 DATE ANALYZED 2/22/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
A-2 (0-3')	2/22/90	2/21/90	<.6	96.5	<1.	Soils	A
A-3	↓	↓	6.6	89.3	7.4	↓	↓
A-4			<.6	89.9	<1.		
A-8			2.9	94.4	3.1		
A) Duplicate of A-2 (0-3')			<.6	96.5	<1. vs <1.		% RPD =
Matrix Spike of A-8 (0-3')			—	—	5.03 = 3.95	127%	Recovery
Lab Blank 1 2/22/90			—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

OBG Laboratories, Inc.

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/1/90 DATE ANALYZED 3/2/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
A7 (0-2')	3/1/90	2/27/90	1.5	95.9	1.6	Soils	A
↓↓ (2'-4')	↓	↓	40	90.4	44	↓	↓
A1 Lab Blank 1	3/1/90		—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

OBG Laboratories, Inc.
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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/2/90 DATE ANALYZED 3/2/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
7-(4'-8')	3/2/90	2/27/90	<.6	89.9	<1.	Soil Comp	A
(8'-10')	↓	↓	<.6	88.8	<1.		
(10'-14')	↓	↓	<.6	87.8	<1.	↓	↓
A) Lab Blank 1	3/2/90		—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comment:

impossible to Composite in 4' depths

Authorized: _____

Date: _____

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1471

OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No:

DATE COLLECTED See Below DATE REC'D. 2/22/90 DATE ANALYZED 2/22/90 → 2/23.

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
B-2 (0-3')	2/22/90	2/22/90	3.2	87.9	3.6	Soils	A
B-3			0.89	85.4	1.		
B-4			1.3	89.6	1.5		
B-5			3.5	93.1	3.8		
A-5			18	94.2	19		
A-6			<.6	93.4	<1.		
A-10			2.	94	2.1		
A-11			<.6	93	<1.		
A-9			7.8	99.6	7.8		
A) Duplicate of A-9 (0-3')			6.9	99.6	6.9	vs 7.8	% RPD =
Lab Blank 2/22/90			—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

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OBG LABORATORIES, INC.

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Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 2/26/90 DATE ANALYZED 2/26/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt	PCTS (%)	Total PCB mg/Kg dry wt	COMMENTS	QC RESULTS
B-1 (0-3')	2/26/90,	2/26/90	<.6	88.6	<1.	Soil	

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/2/90 DATE ANALYZED 3/5/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
B1-(4'-8')	3/5/90	2/28/90	<.6	89.7	<1.	soil comp	A
(8'-12')			<.6	88.2	<1.		
(12'-16')			<.6	86.2	<1.		
(16'-20')		3/1/90	<.6	83.2	<1.	*	
A) Lab Blank	1 3/5/90		—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

* **Comments:** One composite jar sampled 3/1/90

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/2/90 DATE ANALYZED 3/5/90 → 3/6/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
C1-(0-4')	3/5/90	3/1/90	1.7	90.9	1.9	Soil	A
(4'-8')	↓	↓	9.5	86.8	11	Comp	↓
(8'-12')	↓	↓	9.	85.3	11	↓	↓
(12'-15.5')	3/6/90	↓	<.6	85.2	<1.	↓	B1
(15.5'-19.5)	↓	↓	<.6	89	<1.	↓	↓
A1 Matrix Spike of C1-(8'-12')			—	—	$\frac{7.22}{5.92}$ =	122%	Recovery
B1 Lab Blank 1	3/6/90		—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/2/90 DATE ANALYZED 3/6/90 → 3/7/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
D1-(0-2')	3/6/90	3/2/90	26	87.2	30	#Soil	A
(4'-8')	↓	↓	19	88.1	22	Soil Comp	↓
↓ (8-13)	↓	↓	<.6	89.6	<1.	↓	↓
A1 Duplicate of D1-(0-2')			25	87.2	29 vs 30		% RPD = 3.4

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments: Missing Composite Jar D1-(2'-4')

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

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Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/9/90 DATE ANALYZED 3/9/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
E1-(0-4')	3/9/90	3/9/90	1.4	88.7	1.6	Soils	A
(4'-8')			.95	88.4	1.1		
(8'-12')			<.6	90.7	<1.		
(12'-16')			.78	89.7	<1.		
(16'-20')			<.6	91	<1.		
A1 Lab Blank 1	3/9/90		—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

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OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE RECD. 3/13/90 DATE ANALYZED 3/14/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg d-y wt.	COMMENTS	QC RESULTS
F1-(0-4')	3/13/90	3/13/90	1.1	91.5	1.2	Soils	A
(4'-8')	↓	↓	<.6	90.5	<1.		
(8'-12')			<.6	89.3	<1.		
(12'-15')			<.6	90.3	<1.		
(15'-19')			<.6	91.3	<1.		
A) Duplicate of F1-(12'-15')			<.6	90.3	<1. vs <1.		% RPD=?
Matrix Spike of F1-(15'-19')			—	—	3.64 - 3.95	92%	Recovery

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

OBG Laboratories, Inc.
Box 4942 / 1304 Buckley Rd. / Syracuse, NY / 13221 / (315) 457-1494

1509

OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/14/90 DATE ANALYZED 3/16/90

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg dry wt.	COMMENTS	QC RESULTS
17A (2'-4')	3/16/90	3/14/90	<.6	94.3	<1.	Soils	A
(4'-8')			<.6	91.5	<1.		
(10'-12')			<.6	90.6	<1.		
(12'-14.5')			<.6	91	<1.		
(18'-20')			<.6	91	<1.		
A) Duplicate of 17A (12'-14.5')			<.6	91	<1.	vs <1.	% RPD =

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

OBG Laboratories, Inc.
Box 4942 / 1304 Buckley Rd. / Syracuse, NY / 13221 / (315) 457-1494

1510

OBG LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE REC'D. 3/14/90 DATE ANALYZED 3/16/90 → 3/17/

LAB ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE mg/Kg wet wt.	PCTS (%)	Total PCB mg/Kg d-y wt.	COMMENTS	QC RESULTS
17B (0-4')	3/16/90	3/14/90	<.6	90	<1.	Soils	A
17C (0-4')			<.6	90.6	<1.		
(4'-8')			<.6	89.5	<1.		
(10'-14')			<.6	90.3	<1.		
(14'-18')			<.6	85	<1.		
(18'-20')			<.6	88.4	<1.		
A) Matrix Spike of 17C (10'-14')			—	—	3.80 / 3.95 =	96%	Recovery
Lab Blank 1 3/16/90			—	—	<1.		

Methodology: Federal Register — 40 CFR, Part 136. October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Date: _____

OBG Laboratories, Inc.
Box 4942 / 1304 Buckley Rd. / Syracuse, NY / 13221 / (315) 457-1494

TABLE 4-8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF PRE-MCP SOIL PCB DATA RELATED
TO ALTRESCO STEAMLINE SUPPORT EXCAVATIONS
(Results are reported in dry weight parts per million, ppm)

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-43	0-4	3.3
PS-W-44	0-4	11
PS-W-45A	0-2	10
PS-W-45B	2-6	87
PS-W-45C	6-10	8.5
PS-W-46A	0-2	100
PS-W-46B	2-6	4.4
PS-W-46C	6-10	7.5
PS-W-47A	0-2	79
PS-W-47B*	2-6	7,100
PS-W-47C	6-10	14,000
PS-W-49A	0-2	1.8
PS-W-49B	2-6	49
PS-W-49C	6-10	27
PS-W-51A	0-2	0.5
PS-W-51B	2-6	3.6
PS-W-51C	6-10	0.63
PS-W-52A*	0-2	47
PS-W-52B*	2-6	14
PS-W-52C*	6-10	4.3
PS-W-52D*	10-14	5.0
PS-W-53A	0-2	8.5
PS-W-53B*	2-6	5,500
PS-W-53C	6-10	800
PS-W-54A	0-2	5.3
PS-W-54B	2-6	700
PS-W-54C*	6-10	53
PS-W-55A	0-2	14
PS-W-55B*	2-6	1,000
PS-W-55C	6-10	4.6
PS-W-56A	0-2	1.2
PS-W-56B	2-6	5.8

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-56C*	6-10	4.6
PS-W-57A	0-2	40
PS-W-57B	2-6	0.86
PS-W-57C	6-10	0.09
PS-W-58A	0-2	1.4
PS-W-58B	2-6	0.14
PS-W-58C	6-10	1.2
PS-W-59A	0-2	7.8
PS-W-59B	2-6	0.2
PS-W-59C	6-10	0.6
PS-W-60A	0-2	ND
PS-W-60B	2-6	0.13
PS-W-60C	6-10	0.09
PS-W-60D	10-14	0.09
PS-W-61A	0-2	ND
PS-W-61B	2-6	ND
PS-W-61-C	6-10	ND
PS-W-62A	0-2	0.34
PS-W-62B	2-6	ND
PS-W-62C	6-10	0.26
PS-W-63A	0-2	ND
PS-W-63B	2-6	0.15
PS-W-63C	6-10	0.09
PS-W-64A	0-2	ND
PS-W-64B	2-6	0.09
PS-W-64C	6-10	ND
PS-W-66A	0-4	ND
PS-W-66B	4-8	ND
PS-W-66C	8-12	ND
PS-W-68A	0-4	ND
PS-W-68B	4-8	ND
PS-W-68C	8-12	ND

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-70A	0-2	ND
PS-W-70B	2-6	ND
PS-W-70C	6-10	ND
PS-W-71A	0-2	ND
PS-W-71B	2-6	0.05
PS-W-71C	6-10	ND
PS-W-72A	0-2	0.44
PS-W-72B	2-6	0.12
PS-W-72C	6-10	ND
PS-W-73A	0-2	ND
PS-W-73B	2-6	0.27
PS-W-73C	6-10	0.05
PS-W-74A	0-2	ND
PS-W-74B	2-6	ND
PS-W-74C	6-10	ND
PS-W-74D	10-14	ND
PS-W-75A	0-2	ND
PS-W-75B	2-6	0.42
PS-W-75C	6-10	ND
PS-W-76A	0-2	ND
PS-W-76B	2-6	ND
PS-W-76C	6-10	ND
PS-W-77A	0-2	ND
PS-W-77B	2-6	ND
PS-W-77C	6-10	ND
PS-W-78A	0-2	0.57
PS-W-78B	2-6	0.13
PS-W-78C	6-10	0.16
PS-W-79B	4-6	0.22
PS-W-79C	8-10	4.6
PS-W-80B	2-6	0.24
PS-W-80C	8-10	0.79

(See Notes on Page 2)

TABLE 4-8 (Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF PRE-MCP SOIL PCB DATA RELATED
TO ALTRESCO STEAMLINE SUPPORT EXCAVATIONS
(Results are reported in parts per million, ppm)

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-81A	0-2	7.0
PS-W-81B	2-8	0.89
PS-W-81C	8-10	ND
PS-W-82A	2-4	1.7
PS-W-82B	4-8	0.68
PS-W-82C	8-10	ND
PS-W-83B	2-6	0.60
PS-W-83C	6-10	ND
PS-W-84B	2-6	0.18
PS-W-84C	6-10	ND
PS-W-85B*	2-6	0.78
PS-W-85C	6-10	0.14
PS-W-86B	2-6	2.1
PS-W-86C	6-10	ND
PS-W-87B	2-6	0.52
PS-W-87C	6-10	ND
PS-W-88B	2-6	0.52
PS-W-88C	6-9	1.6

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-89A	0-2	30
PS-W-89B	2-6	4.2
PS-W-89C	6-10	1.0
PS-W-90A	0-2	1,400
PS-W-90B	2-6	36
PS-W-90C	6-10	68
PS-W-90D	10-14	68
PS-W-91A	0-2	57
PS-W-91B	2-6	6.7
PS-W-91C	6-10	1.2
PS-W-92A	0-2	4.5
PS-W-92B	2-6	0.58
PS-W-92C	6-10	0.24
PS-W-93A	0-2	14
PS-W-93B	2-6	1.4
PS-W-93C	6-10	4.3
PS-W-94A	0-2	160
PS-W-94B*	2-6	1.7

Sample ID.	Sample Depth (ft)	PCB Conc.
PS-W-94C	6-10	1.8
PS-W-95A	0-2	1500
PS-W-95B	2-6	200
PS-W-95C*	6-10	32
PS-W-96A	0-2	540
PS-W-96B*	2-6	36
PS-W-96C	6-10	110
PS-W-97A	0-2	160
PS-W-97B*	2-6	0.54
PS-W-97C	6-10	1.5
PS-W-98A*	0-2	8.6
PS-W-98B	2-6	0.11
PS-W-98C	6-10	0.21
PS-W-98D	10-14	0.06
PS-W-100A	0-2	6.9
PS-W-100B	2-6	2.2
PS-W-100C	6-10	3.3

Notes:

1. Samples were collected by Geraghty & Miller, Inc., in July and August 1989.
2. ND = Compound was analyzed for, but not detected.

TABLE 4-9

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF PRE-MCP SOIL VOC DATA RELATED TO
ALTRESCO STEAMLINE SUPPORT EXCAVATIONS
(Results are reported in dry weight parts per million, ppm)

Sample ID	Ethyl-Benzene	Methylene Chloride	Tetrachloro-ethene	Toluene	1,1,1-Tri-chloroethane	Trichloro-ethene
PS-W-47B	ND	12	8,100	41	7	50
PS-W-52A	ND	12	5	6	ND	14
PS-W-52B	ND	8	7	5	ND	28
PS-W-52C	ND	11	6	<5	ND	14
PS-W-52D	ND	10	12	<5	ND	16
PS-W-53B	ND	35	2,000	31	24J	4,900
PS-W-54C	ND	8	11,000	15	97	4,100
PS-W-55B	ND	ND	20,000	ND	1,100	8,000
PS-W-56C	ND	250J	1,400	ND	ND	1,700
PS-W-85B	ND	<5	ND	ND	ND	ND
PS-W-94B	ND	340	ND	ND	ND	ND
PS-W-95C	ND	25	ND	ND	ND	ND
PS-W-96B	ND	9	ND	ND	ND	ND
PS-W-97B	3J	7	ND	2J	ND	ND
PS-W-98A	34	4J	ND	ND	ND	ND

Notes:
1. Samples were collected by Geraghty & Miller, Inc., during July and August 1989.
2. Only constituents detected in at least one sample are shown.
3. ND = Compound was analyzed for, but not detected.
4. The "less than" (<) symbol before a number indicates that the value reported is the limit of resolution for quantification. The laboratory detected the compound in the sample, but was unable to quantify it below the value indicated.
5. J - Indicates an estimated value less than CLP-required quantitation limit.

TABLE 4-11

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF MCP SOIL BORING PCB DATA
(Results are reported in dry weight parts per million, ppm)

Location ID.	Sample Depth (feet)	PCB Concentration			
		Aroclors 1016, 1232,1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES1-1	0 - 2	ND	ND	ND	ND
	2 - 4	ND	ND	ND	ND
	4 - 6	ND	ND	ND	ND
	6 - 8	ND	ND	ND	ND
	8 - 10	ND	ND	ND	ND
	10 - 12	ND	ND	ND	ND
	12 - 14	ND	ND	ND	ND
	14 - 16	ND	ND	ND	ND
	16 - 18	ND	ND	ND	ND
	18 - 20	ND	ND	ND	ND
	20 - 22	ND	ND	ND	ND
	22 - 24	ND	ND	0.17	0.17
ES1-2	0 - 2	ND	ND	2.9	2.9
	2 - 4	ND	ND	8.5	8.5
	4 - 6	ND	1.0	0.86	1.9
	6 - 8	ND	0.41	0.85	1.3
	8 - 10	ND	0.68	ND	0.68
	10 - 12	ND	ND	ND	ND
	12 - 14	ND	ND	1.6	1.6
	14 - 16	ND	4.8	ND	4.8
	16 - 18	ND	ND	ND	ND
	18 - 20	ND	ND	ND	ND
	20 - 22	ND	ND	ND	ND
	22 - 24	ND	0.11	ND	0.11
	24 - 26	ND	ND	0.31	0.31

(See notes on page 2)

TABLE 4-11 (Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF MCP SOIL BORING PCB DATA
(Results are reported in dry weight parts per million, ppm)

Location ID.	Sample Depth (feet)	PCB Concentration			
		Aroclors 1016, 1232,1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES1-3	0 - 2	ND	0.22	0.19	0.41
	2 - 4	0.17	1.9	1.3	3.4
	4 - 6	0.48	3.6	0.95	5.0
	6 - 8	15.0	65.0	ND	80.0
	8 - 10	0.19	1.2	0.85	2.2
	10 - 12	ND	ND	ND	ND
	12 - 14	ND	ND	ND	ND
	14 - 16	0.08	0.48	ND	0.56
	16 - 18	ND	ND	1.7	1.7
	18 - 20	0.31	1.4	0.74	2.4
	18 - 20 Dup.	ND	0.17	ND	0.17
	20 - 22	ND	ND	ND	ND
	22 - 24	ND	ND	0.11	0.11
RF-13	0 - 2	ND	110.0	94.0	200.0
	2 - 4	ND	22.0	57.0	79.0
	4 - 6	ND	2.8	30.0	33.0
	6 - 8	ND	0.10	0.34	0.44
	8 - 10	ND	ND	3.0	3.0
	10 - 12	ND	ND	ND	ND
	12 - 14	ND	2.2	14.0	16.0
	14 - 16	ND (ND)	ND (0.10)	ND (ND)	ND (0.10)
	16 - 18	ND	ND	ND	ND
	18 - 20	ND	0.08	ND	0.08

Notes:
1. Samples were collected by Geraghty & Miller, Inc., during January and May 1991.
2. Samples were analyzed by IT Analytical Services, unless otherwise indicated.
3. Total PCB concentrations are presented as reported by the laboratory.
4. Data presented in parentheses were reported by CompuChem Laboratories.
5. Dup. = Duplicate Sample.
6. ND = Compound was analyzed for, but not detected.

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
February 22, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47645

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P102B0002	PP6615	0.05 U	0.12 U	2.9	2.9
P102B0204	PP6616	0.05 U	0.23 U	8.5	8.5
P102B0406	PP6617	0.05 U	1.0	0.86	1.9
P102B0608	PP6618	0.05 U	0.41	0.85	1.3
P102B0810	PP6619	0.05 U	0.68	0.10 U	0.68
P102B1012	PP6620	0.05 U	0.05 U	0.05 U	0.05 U
P102B1214	PP6621	0.05 U	0.05 U	1.6	1.6
P102B1416	PP6622	0.38 U	4.8	0.73 U	4.8
P102B1618	PP6623	0.05 U	0.05 U	0.05 U	0.05 U
P102B1820	PP6624	0.05 U	0.05 U	0.05 U	0.05 U
P102B2022	PP6625	0.05 U	0.05 U	0.05 U	0.05 U
P102B2224	PP6626	0.05 U	0.11	0.05 U	0.11
P102B2426	PP6627	0.05 U	0.05 U	0.31	0.31

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 01/31/91
Date of Analysis: 02/07 to 02/12/91

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P102B2628	PP6630	0.05 U	0.05 U	0.05 U	0.05 U
P102B2830	PP6631	0.05 U	0.05 U	0.05 U	0.05 U
DP-1	PP6632	0.05 U	0.05 U	0.05 U	0.05 U
P101B0810	PP6633	0.05 U	0.05 U	0.05 U	0.05 U
P101B1012	PP6634	0.05 U	0.05 U	0.05 U	0.05 U
P101B1214	PP6635	0.05 U	0.05 U	0.05 U	0.05 U
P101B1416	PP6636	0.05 U	0.05 U	0.05 U	0.05 U
P101B1618	PP6637	0.05 U	0.05 U	0.05 U	0.05 U
P101B1820	PP6638	0.05 U	0.05 U	0.05 U	0.05 U
P101B2022	PP6639	0.05 U	0.05 U	0.05 U	0.05 U
P101B2224	PP6640	0.05 U	0.05 U	0.17	0.17
Method Blank 1	BLA2361	0.05 U	0.05 U	0.05 U	0.05 U
Method Blank 2	BLA2362	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 01/31/91
Date of Analysis: 02/07 to 02/12/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2426	PP6705	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2628	PP6706	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2830	PP6707	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

TABLE 4-12

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF MCP SOIL APPENDIX IX+3 DATA
(Results are reported in parts per million, ppm)

Boring ID:	ES1-1	RF-13
Sample Depth (ft):	4 - 6	14 - 16
VOLATILE ORGANIC COMPOUNDS		
Acetone	0.014B	0.017B
Methylene Chloride	0.058B	0.045B
Chloroform	0.002J	ND
1,1,2-Trichloro-1,2,2-trifluoromethane	0.001J	ND
SEMIVOLATILE ORGANIC COMPOUNDS		
Acenaphthene	0.67	ND
Dibenzofuran	0.56	ND
Fluorene	0.92	ND
Phenanthrene	3.1	ND
Anthracene	0.85	ND
Naphthalene	0.22J	ND
2-Methylnaphtalene	0.19J	ND
1-Methylnaphtalene	0.22J	ND
Acenaphthylene	0.13J	ND
Fluoranthene	2.3	ND
Pyrene	1.4	ND
Benzo(a)anthracene	0.79	ND
Chrysene	0.74	ND
Bis(2-Ethylhexyl)phthalate	0.38J	0.15BJ
Benzo(b)fluoranthene	0.92	ND
Benzo(a)pyrene	0.54	ND
Indeno(1,2,3-cd)pyrene	0.32J	ND
Dibenz(a,h)anthracene	0.1J	ND
Benzo(g,h,i)perylene	0.33J	ND
POLYCHLORINATED BIPHENYLS (PCBS)		
Aroclor 1254	NA	0.10

(See Notes on Page 2)

TABLE 4-12 (Cont'd)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT
ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

SUMMARY OF MCP SOIL APPENDIX IX+3 DATA
(Results are reported in parts per million, ppm)

Boring ID:	ES1-1	RF-13
Sample Depth (ft):	4 - 6	14 - 16
INORGANICS		
Aluminum	NA	5,300
Arsenic	NA	3.8
Barium	NA	18.3J*
Calcium	NA	33,100
Chromium	NA	5.9
Cobalt	NA	6.8
Copper	NA	13.7
Iron	NA	13,900
Lead	NA	7.3
Magnesium	NA	16,500
Manganese	NA	397
Nickel	NA	11.8
Potassium	NA	352J*
Sodium	NA	146J*
Vanadium	NA	5.6J*
Zinc	NA	35.5

NOTES:

1. Samples were collected by Geraghty & Miller, Inc., during January and May 1991.
2. Analyses were conducted by CompuChem Laboratories.
3. Sample RF-13 was analyzed for all Appendix IX+3 constituents, while sample ES1-1 was only analyzed for Appendix IX+3 volatiles and semivolatiles.
4. Only constituents detected in at least one sample are shown.
5. ND = Compound was analyzed for, but not detected.
6. NA = Not analyzed.
7. B = Analyte was also detected in associated method blank.
8. J = Indicates an estimated value less than the CLP-required quantitation limit.
9. J* = Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

Table 2. Summary of PCB Concentrations in Soil, Building 100 Investigation, General Electric Company, Pittsfield, Massachusetts[a]

Soil Boring No.	Depth (feet below land surface)	Aroclor 1016, 1232 1242 and/or 1248[b]	Aroclor 1254	Aroclor 1260	Total Aroclors
100-1	1 - 2	<0.05	0.37	2.3	2.7
	2 - 4	<0.05	0.11	1.2	1.3
	4 - 6	<0.05	<0.05	<0.05	<0.05
100-2	1.6-2	<0.05	0.17	1.7	1.9
	2 - 4	<0.05	<0.05	0.47	0.47
	4 - 6	<0.05	0.30	1.3	1.6
100-3	1.7-2.5	<0.05	<0.09	2.4	2.4
	2.5-4.5	<0.05	0.31	3.2	3.5
	4.5-6.5	<0.05	0.40	0.17	0.57
100-4	1 - 2	<0.05	<0.05	<0.05	<0.05
	2 - 4	<0.05	<0.05	<0.05	<0.05
	4 - 6	<0.05	<0.05	<0.05	<0.05
100-5	1.2-2	<0.2	38	12	50.
	2 - 4	<0.05	1.8	2.0	3.8
	4 - 6	<0.05	<0.05	<0.05	<0.05
100-6	1 - 2	<0.05	0.28	0.11	0.39
	2 - 4	<0.05	<0.05	<0.05	<0.05
	4 - 5	<0.05	<0.05	<0.05	<0.05
100-7	1 - 2	<0.05	<0.09	1.9	1.9
	2 - 4	<0.1	<0.4	12	12
	4 - 6	<0.1	<0.4	12	12
100-8	0 - 2	<0.05	0.70	1.5	2.2
	2 - 4	<1	120	<4	120
	4 - 6	<0.05	0.22	<0.05	0.22
100-9	1.5-2.5	<0.05	0.42	0.44	0.86
	2.5-4.5	<0.05	0.09	0.09	0.18
	4.5-6.5	<0.05	<0.05	<0.05	<0.05

Table 2. (continued).

Soil Boring No.	Depth (feet below land surface)	Aroclor 1016, 1232 1242 and/or 1248[b]	Aroclor 1254	Aroclor 1260	Total Aroclors
100-10	1 - 2	<0.2	<0.9	12	12
	2 - 4	<0.6	<2	19	19
	4 - 6	<0.5	<2	16	16
100-11	1.5-2.5	<0.05	0.17	0.57	0.74
	2.5-4.5	<0.05	0.16	1.1	1.3
	4.5-6.5	<0.05	0.07	1.4	1.5
100-12	1 - 2	<0.05	0.71	1.4	2.1
	2 - 4	<0.05	1.5	2.0	3.5
	4 - 6	<0.05	0.30	0.27	0.57

a) Concentrations are in ug/gram (or parts per million).
b) Aroclor pattern was identified and/or calculated as Aroclor 1242.

TABLE 5
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
Total PCBs

Matrix: Subsurface Soil

	95-12	95-12D	95-13	95-14	95-15	95-16	95-17	95-18	95-19	95-20	95-20D	95-23	95-23D	95-25	95-26	95-27	95-27D	95-28
Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Resul
0'-.5'														1.4				
0'-2'	2.3		29 P	36	2.3	27	2.7 J	1.8				3			330 P	39 P		20
1'-2'									4.8	5.7								
2'-4'			1.6	0.77 P	1.8	0.15	0.27 J	0.059	1.9	4.1		0.058		ND	11 P	50 P		0.11
4'-6'	2		0.11	2.2	1.4	0.17	0.03 J	0.031 J	0.66 J	6.4		0.042		0.015 JP	5.4			0.028
6'-8'	0.92 P		0.032 JP	1.7 P	4.5 J	0.019 J	0.0049 J	ND	0.22	6.5		0.034 J		0.042 J	0.98	1.2	3.7 P	0.1
8'-10'	1.4		0.38	5.3	120	0.012 J	0.062 J	ND	0.98 J	ND		0.014 J	0.01 J	0.026 JP	1.4 P	0.027 J		0.053 J
10'-12'	0.59		ND	0.03 J	33 J	0.081	0.012 J	0.084	0.21	0.42		0.075			0.44 J	0.57 P		0.015 J
12'-14'	0.073		0.23	0.39		ND	0.024 J		0.15 J	0.19		ND				0.81		
14'-16'	0.019 JP		0.16	ND		0.0088 J	ND		0.072 J	0.0061 J	0.01 J					0.3		
16'-18'	ND						0.013 JP		0.13 J									
18'-20'	0.035 P	0.019 JP	0.62			ND	ND											
20'-22'	0.49		0.22				1.2								0.12 JP			
22'-24'	2		0.2				ND											
24'-26'	ND		0.55															
26'-28'	1.3		26															
28'-30'	7.5																	
30'-32'																		0.035 J
32'-34'			1000															
40'-42'	46																	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Blank space in Results column indicates not sampled at specified depth.
Refer to Table 4 for qualifier definitions.

TABLE 6
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
VOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 212B4042 Lab ID: 788297 Borehole: 95-12 Depth: 40'-42' Date Sampled: 3/5/96		Sample Point 213B3234 Lab ID: 788298 Borehole: 95-13 Depth: 32'-34' Date Sampled: 3/5/96		Sample Point 214B1416 Lab ID: 788296 Borehole: 95-14 Depth: 14'-16' Date Sampled: 3/4/96		Sample Point 215B0608 Lab ID: 785515 Borehole: 95-15 Depth: 6'-8' Date Sampled: 2/22/96		Sample Point 216B1820 Lab ID: 784992 Borehole: 95-16 Depth: 18'-20' Date Sampled: 2/20/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	0.83	J	0.48	J	0.008	JB	ND		ND	
Acetone	1.4	J	ND		ND		ND		ND	
Carbon Disulfide	ND		ND		ND		0.001	J	ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		0.004	J	ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Toluene	ND		ND		ND		0.002	J	ND	
Chlorobenzene	13		24		ND		ND		0.001	J
Ethylbenzene	ND		ND		ND		ND		ND	
Total Xylenes	ND		ND		ND		ND		ND	
Acetonitrile	ND		ND		ND		ND		ND	
Isobutyl alcohol	ND		ND		ND		ND		ND	
1,4-Dioxane	ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 6
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
VOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 217B1012 Lab ID: 785516 Borehole: 95-17 Depth: 10'-12' Date Sampled: 2/22/96		Sample Point 217B1618 Lab ID: 785517 Borehole: 95-17 Depth: 16'-18' Date Sampled: 2/22/96		Sample Point 218B0608 Lab ID: 785192 Borehole: 95-18 Depth: 6'-8' Date Sampled: 2/21/96		Sample Point 219B1416 Lab ID: 784215 Borehole: 95-19 Depth: 14'-16' Date Sampled: 2/13/96		Sample Point 220B1416 Lab ID: 784264 Borehole: 95-20 Depth: 14'-16' Date Sampled: 2/15/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	ND		ND		ND		0.03	J	ND	
Acetone	ND		ND		ND		ND		ND	
Carbon Disulfide	ND		ND		ND		ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		ND	
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND	
Trichloroethene	ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Toluene	ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND		ND	
Ethylbenzene	ND		ND		ND		ND		ND	
Total Xylenes	ND		ND		ND		ND		ND	
Acetonitrile	ND		ND		ND		0.003	J	0.009	J
Isobutyl alcohol	ND		ND		ND		ND		ND	
1,4-Dioxane	ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 6
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
VOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 220B1416D Lab ID: 784265 Borehole: 95-20D Depth: 14'-16' Date Sampled: 2/15/96		Sample Point 223B0002 Lab ID: 788886 Borehole: 95-23 Depth: 0'-2' Date Sampled: 3/7/96		Sample Point 223B1214 Lab ID: 788888 Borehole: 95-23 Depth: 12'-14' Date Sampled: 3/7/96		Sample Point 225B0810 Lab ID: 786591 Borehole: 95-25 Depth: 8'-10' Date Sampled: 2/27/96		Sample Point 226B1012 Lab ID: 786070 Borehole: 95-26 Depth: 10'-12' Date Sampled: 2/22/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Vinyl Chloride	ND		ND		ND		ND		ND	
Chloroethane	ND		ND		ND		ND		ND	
Methylene Chloride	ND		0.008	JB	0.023	JB	0.009	JB	ND	
Acetone	ND		ND		ND		ND		ND	
Carbon Disulfide	ND		ND		ND		ND		ND	
1,1-Dichloroethene	ND		ND		ND		ND		ND	
1,1-Dichloroethane	ND		ND		ND		ND		0.007	J
Chloroform	ND		ND		ND		ND		ND	
1,2-Dichloroethane	ND		ND		ND		ND		ND	
2-Butanone	ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	ND		ND		ND		ND		0.001	J
Trichloroethene	ND		ND		ND		ND		0.006	J
1,1,2-Trichloroethane	ND		ND		ND		ND		ND	
Benzene	ND		ND		ND		ND		ND	
4-Methyl-2-Pentanone	ND		ND		ND		ND		ND	
2-Hexanone	ND		ND		ND		ND		ND	
Tetrachloroethene	ND		ND		ND		ND		0.004	J
1,1,2,2-Tetrachloroethane	ND		ND		ND		ND		ND	
Toluene	ND		ND		ND		ND		ND	
Chlorobenzene	ND		ND		ND		ND		ND	
Ethylbenzene	ND		ND		ND		ND		ND	
Total Xylenes	ND		ND		ND		ND		ND	
Acetonitrile	0.005	J	ND		ND		ND		ND	
Isobutyl alcohol	ND		ND		ND		ND		ND	
1,4-Dioxane	ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane (DBCP)	ND		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 7
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
SEMIVOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 212B4042 Lab ID: 788304 Borehole: 95-12 Depth: 40'-42' Date Sampled: 3/5/96		Sample Point 213B3234 Lab ID: 788305 Borehole: 95-13 Depth: 32'-34' Date Sampled: 3/5/96		Sample Point 214B1416 Lab ID: 788303 Borehole: 95-14 Depth: 14'-16' Date Sampled: 3/4/96		Sample Point 215B0608 Lab ID: 785518 Borehole: 95-15 Depth: 6'-8' Date Sampled: 2/22/96		Sample Point 216B1820 Lab ID: 784991 Borehole: 95-16 Depth: 18'-20' Date Sampled: 2/20/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		65		ND	
Aniline	ND		ND		ND		2.1	J	ND	
1,3-Dichlorobenzene	13		1		ND		ND		ND	
1,4-Dichlorobenzene	180		6.3		ND		ND		ND	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	12		0.047	J	ND		ND		ND	
Acetophenone	ND		ND		ND		0.53	J	ND	
2,4-Dimethylphenol	ND		ND		ND		0.44	J	ND	
1,2,4-Trichlorobenzene	780		0.089	J	ND		ND		ND	
Naphthalene	0.41	J	0.26	J	ND		ND		ND	
2-Methylnaphthalene	ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	56		ND		ND		ND		ND	
Acenaphthylene	ND		ND		ND		ND		ND	
Acenaphthene	ND		ND		ND		ND		ND	
Pentachlorobenzene	60	J	ND		ND		ND		ND	
Dibenzofuran	ND		ND		ND		ND		ND	
Fluorene	ND		ND		ND		ND		ND	
Hexachlorobenzene	0.56	J	ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	ND		0.14	J	ND		ND		ND	
Anthracene	ND		ND		ND		ND		ND	
Di-n-butylphthalate	ND		ND		ND		ND		ND	
Fluoranthene	ND		ND		ND		0.52	J	ND	
Benzidine	20		ND		ND		ND		ND	
Pyrene	ND		ND		ND		0.4	J	ND	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	ND		ND		ND		0.98	J	0.14	J
Benzo(a)Anthracene	ND		ND		ND		ND		ND	
Chrysene	ND		ND		ND		ND		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		ND		ND	
Benzo(b)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(k)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(a)Pyrene	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)Pyrene	ND		ND		ND		ND		ND	
Dibenz(a,h)Anthracene	ND		ND		ND		ND		ND	
Benzo(g,h,i)Perylene	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

TABLE 7

SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL

EAST STREET AREA 2 / USEPA AREA 4

SEMIVOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 217B1012 Lab ID: 785519 Borehole: 95-17 Depth: 10'-12' Date Sampled: 2/22/96		Sample Point 217B1618 Lab ID: 785520 Borehole: 95-17 Depth: 16'-18' Date Sampled: 2/22/96		Sample Point 218B0608 Lab ID: 785193 Borehole: 95-18 Depth: 6'-8' Date Sampled: 2/21/96		Sample Point 219B1416 Lab ID: 784214 Borehole: 95-19 Depth: 14'-16' Date Sampled: 2/13/96		Sample Point 220B1416 Lab ID: 784261 Borehole: 95-20 Depth: 14'-16' Date Sampled: 2/15/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	ND		ND		ND		ND		ND	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND		ND	
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND	
Naphthalene	ND		ND		ND		ND		ND	
2-Methylnaphthalene	ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	ND		ND		ND		ND		ND	
Acenaphthylene	ND		ND		ND		ND		ND	
Acenaphthene	ND		ND		ND		ND		ND	
Pentachlorobenzene	ND		ND		ND		ND		ND	
Dibenzofuran	ND		ND		ND		ND		ND	
Fluorene	ND		ND		ND		ND		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	ND		ND		ND		ND		ND	
Anthracene	ND		ND		ND		ND		ND	
Di-n-butylphthalate	ND		ND		ND		ND		ND	
Fluoranthene	ND		ND		ND		ND		ND	
Benzidine	ND		ND		ND		ND		ND	
Pyrene	ND		ND		ND		ND		ND	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	0.13	J	0.094	J	0.073	J	ND		0.089	J
Benzo(a)Anthracene	ND		ND		ND		ND		ND	
Chrysene	ND		ND		ND		ND		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		ND		ND	
Benzo(b)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(k)Fluoranthene	ND		ND		ND		ND		ND	
Benzo(a)Pyrene	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)Pyrene	ND		ND		ND		ND		ND	
Dibenz(a,h)Anthracene	ND		ND		ND		ND		ND	
Benzo(g,h,i)Perylene	ND		ND		ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

TABLE 7
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
SEMIVOLATILE ORGANIC COMPOUNDS

Matrix: Subsurface Soil

Parameter	Sample Point 220B1416D Lab ID: 784262 Borehole: 95-20D Depth: 14'-16' Date Sampled: 2/15/96		Sample Point 223B0002 Lab ID: 788891 Borehole: 95-23 Depth: 0'-2' Date Sampled: 3/7/96		Sample Point 223B1214 Lab ID: 788892 Borehole: 95-23 Depth: 12'-14' Date Sampled: 3/7/96		Sample Point 225B0810 Lab ID: 786596 Borehole: 95-25 Depth: 8'-10' Date Sampled: 2/27/96		Sample Point 226B1012 Lab ID: 786077 Borehole: 95-26 Depth: 10'-12' Date Sampled: 2/22/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
2-Picoline	ND		ND		ND		ND		ND	
Phenol	ND		ND		ND		ND		ND	
Aniline	ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	ND		ND		ND		ND		ND	
Benzyl alcohol	ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND		ND	
Acetophenone	ND		ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		0.1	J	ND		ND	
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND	
Naphthalene	ND		0.048	J	ND		ND		ND	
2-Methylnaphthalene	ND		ND		ND		ND		ND	
1,2,4,5-Tetrachlorobenzene	ND		ND		ND		ND		ND	
Acenaphthylene	ND		ND		ND		ND		ND	
Acenaphthene	ND		0.078	J	ND		ND		ND	
Pentachlorobenzene	ND		ND		ND		ND		ND	
Dibenzofuran	ND		0.048	J	ND		ND		ND	
Fluorene	ND		0.069	J	ND		ND		ND	
Hexachlorobenzene	ND		ND		ND		ND		ND	
4-Aminobiphenyl	ND		ND		ND		ND		ND	
Phenanthrene	ND		0.74	J	ND		ND		ND	
Anthracene	ND		0.16	J	ND		ND		ND	
Di-n-butylphthalate	ND		ND		ND		1.4		ND	
Fluoranthene	ND		0.84	J	ND		ND		ND	
Benzidine	ND		ND		ND		ND		ND	
Pyrene	ND		0.67	J	ND		ND		ND	
Butylbenzylphthalate	ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)Phthalate	0.062	J	ND		ND		0.16	J	0.5	J
Benzo(a)Anthracene	ND		0.33	J	ND		ND		ND	
Chrysene	ND		0.32	J	ND		ND		ND	
7,12-Dimethylbenzanthracene	ND		ND		ND		ND		ND	
Benzo(b)Fluoranthene	ND		0.57	XJ	ND		ND		ND	
Benzo(k)Fluoranthene	ND		0.49	XJ	ND		ND		ND	
Benzo(a)Pyrene	ND		0.3	J	ND		ND		ND	
Indeno(1,2,3-cd)Pyrene	ND		0.16	J	ND		ND		ND	
Dibenz(a,h)Anthracene	ND		ND		ND		ND		ND	
Benzo(g,h,i)Perylene	ND		0.16	J	ND		ND		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

TABLE 8

SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL

EAST STREET AREA 2 / USEPA AREA 4

DIOXINS AND FURANS

Matrix: Subsurface Soil

Parameter	Sample Point 208B1618D Lab ID: 0004 Borehole: 95-08D Depth: 16'-18' Date Sampled: 960301		Sample Point 209B1820 Lab ID: 0005 Borehole: 95-09 Depth: 18'-20' Date Sampled: 960304		Sample Point 210B1416 Lab ID: 0004 Borehole: 95-10 Depth: 14'-16' Date Sampled: 960307		Sample Point 211B2022 Lab ID: 0001 Borehole: 95-11 Depth: 20'-22' Date Sampled: 960306		Sample Point 212B4042 Lab ID: 0007 Borehole: 95-12 Depth: 40'-42' Date Sampled: 960305	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND		ND		ND		ND	
2,3,7,8-TCDF	ND		ND		ND		ND		ND	
PeCDFs (total)	ND		ND		ND		ND		ND	
1,2,3,7,8-PeCDF	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF	ND		ND		ND		ND		ND	
HxCDFs (total)	ND		ND		ND		0.00044		0.0012	
1,2,3,4,7,8-HxCDF	ND		ND		ND		0.00032		0.00053	
1,2,3,6,7,8-HxCDF	ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF	ND		ND		ND		ND		ND	
HpCDFs (total)	ND		ND		ND		0.001		0.0015	
1,2,3,4,6,7,8-HpCDF	ND		ND		ND		0.00037		0.00054	
1,2,3,4,7,8,9-HpCDF	ND		ND		ND		0.00019		0.00021	
OCDF	ND		ND		ND		0.0015		0.0025	
TCDDs (total)	ND		ND		ND		ND		ND	
HxCDDs (total)	ND		ND		ND		ND		ND	
HpCDDs (total)	ND		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD	ND		ND		ND		ND		ND	
OCDD	ND		ND		ND		0.00032		ND	

Notes:

Units are in ppm (parts per million).

ND indicates not detected at or above the detection level.

Refer to Table 4 for qualifier definitions.

TABLE 8
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
DIOXINS AND FURANS

Matrix: Subsurface Soil

Parameter	Sample Point 213B3234 Lab ID: 0008 Borehole: 95-13 Depth: 32'-34' Date Sampled: 960305		Sample Point 214B1416 Lab ID: 0006 Borehole: 95-14 Depth: 14'-16' Date Sampled: 960304		Sample Point 215B0608 Lab ID: 0003 Borehole: 95-15 Depth: 6'-8' Date Sampled: 960222		Sample Point 216B1820 Lab ID: 0001 Borehole: 95-16 Depth: 18'-20' Date Sampled: 960220		Sample Point 217B1012 Lab ID: 0004 Borehole: 95-17 Depth: 10'-12' Date Sampled: 960222	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND		0.000078		ND		ND	
2,3,7,8-TCDF	ND		ND		0.0000064		ND		ND	
PeCDFs (total)	0.0013		ND		0.000041		ND		ND	
1,2,3,7,8-PeCDF	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF	ND		ND		ND		ND		ND	
HxCDFs (total)	ND		ND		0.000027		ND		ND	
1,2,3,4,7,8-HxCDF	ND		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF	ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF	ND		ND		ND		ND		ND	
HpCDFs (total)	0.0028		ND		0.000035		ND		ND	
1,2,3,4,6,7,8-HpCDF	0.00098		ND		0.000011	J	ND		ND	
1,2,3,4,7,8,9-HpCDF	0.00045		ND		ND		ND		ND	
OCDF	0.0057		ND		0.000018	J	ND		ND	
TCDDs (total)	ND		ND		0.0000083		ND		ND	
HxCDDs (total)	ND		ND		ND		ND		ND	
HpCDDs (total)	ND		ND		0.000034		ND		ND	
1,2,3,4,6,7,8-HpCDD	ND		ND		0.000019		ND		ND	
OCDD	ND		ND		0.00025		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 8
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
DIOXINS AND FURANS

Matrix: Subsurface Soil

Parameter	Sample Point 217B1618 Lab ID: 0005 Borehole: 95-17 Depth: 16'-18' Date Sampled: 960222		Sample Point 218B0608 Lab ID: 0002 Borehole: 95-18 Depth: 6'-8' Date Sampled: 960221		Sample Point 219B1416 Lab ID: 0002 Borehole: 95-19 Depth: 14'-16' Date Sampled: 960213		Sample Point 220B1416 Lab ID: 0005 Borehole: 95-20 Depth: 14'-16' Date Sampled: 960215		Sample Point 220B1416D Lab ID: 0006 Borehole: 95-20D Depth: 14'-16' Date Sampled: 960215	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	ND		ND		ND		ND		ND	
2,3,7,8-TCDF	ND		ND		ND		ND		ND	
PeCDFs (total)	ND		ND		ND		ND		ND	
1,2,3,7,8-PeCDF	ND		ND		ND		ND		ND	
2,3,4,7,8-PeCDF	ND		ND		ND		ND		ND	
HxCDFs (total)	ND		ND		ND		ND		ND	
1,2,3,4,7,8-HxCDF	ND		ND		ND		ND		ND	
1,2,3,6,7,8-HxCDF	ND		ND		ND		ND		ND	
2,3,4,6,7,8-HxCDF	ND		ND		ND		ND		ND	
HpCDFs (total)	ND		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDF	ND		ND		ND		ND		ND	
1,2,3,4,7,8,9-HpCDF	ND		ND		ND		ND		ND	
OCDF	ND		ND		ND		ND		ND	
TCDDs (total)	ND		ND		ND		ND		ND	
HxCDDs (total)	ND		ND		ND		ND		ND	
HpCDDs (total)	ND		ND		ND		ND		ND	
1,2,3,4,6,7,8-HpCDD	ND		ND		ND		ND		ND	
OCDD	ND		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 9
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
INORGANICS

Matrix: Subsurface Soil

Parameter	Sample Point 208B1618D Lab ID: 787917 Borehole: 95-08D Depth: 16'-18' Date Sampled: 3/1/96		Sample Point 209B1820 Lab ID: 788285 Borehole: 95-09 Depth: 18'-20' Date Sampled: 3/4/96		Sample Point 210B1416 Lab ID: 788872 Borehole: 95-10 Depth: 14'-16' Date Sampled: 3/7/96		Sample Point 211B2022 Lab ID: 788860 Borehole: 95-11 Depth: 20'-22' Date Sampled: 3/6/96		Sample Point 212B4042 Lab ID: 788290 Borehole: 95-12 Depth: 40'-42' Date Sampled: 3/5/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	ND		ND		ND		ND		ND	
Arsenic	1.1	B	6.3		5.9		4.1		2.6	
Barium	16.2	B	16.7	B	17.9	B	19.1	B	6.1	B
Beryllium	0.25	B	0.04	B	ND		0.04	B	ND	
Cadmium	ND		ND		ND		ND		0.1	B
Chromium	8.7		8.5		10.6		6.9		3.4	
Cobalt	5.3	B	11.7		11		7.4		3.2	B
Copper	12.1		27.9		35.3		20.6		7.5	
Lead	11.3	*	7.8		22		8.7		4	
Mercury	0.25		ND		ND		ND		ND	
Nickel	9.9		16.8		16.2		12.9		5.1	
Selenium	ND		0.76		0.61		0.32	B	ND	
Silver	ND		ND		ND		ND		ND	
Thallium	ND		ND		ND		ND		ND	
Vanadium	6.6	B	4.3	B	4.4	B	4.3	B	2	B
Zinc	38.8	N	48.3		42.8		35.5		21.5	
Tin	1.6	B	ND		0.54	B	ND		1.1	B
Cyanide	1.1		ND		ND		ND		ND	
Sulfide	261		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 9
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
INORGANICS

Matrix: Subsurface Soil

Parameter	Sample Point 213B3234 Lab ID: 788291 Borehole: 95-13 Depth: 32'-34' Date Sampled: 3/5/96		Sample Point 214B1416 Lab ID: 788289 Borehole: 95-14 Depth: 14'-16' Date Sampled: 3/4/96		Sample Point 215B0608 Lab ID: 785492 Borehole: 95-15 Depth: 6'-8' Date Sampled: 2/22/96		Sample Point 216B1820 Lab ID: 784994 Borehole: 95-16 Depth: 18'-20' Date Sampled: 2/20/96		Sample Point 217B1012 Lab ID: 785513 Borehole: 95-17 Depth: 10'-12' Date Sampled: 2/22/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	ND		ND		ND		0.23	J	0.29	J
Arsenic	6.8		3.5		10.6	J	4.6	J	4.7	J
Barium	11.3	B	14.4	B	255	J	22.5	J	17.5	J
Beryllium	ND		ND		0.34	J	0.16	J	0.11	J
Cadmium	ND		0.13	B	ND		ND		ND	
Chromium	15.4		4.9		9.6	J	6.2	J	7	J
Cobalt	14.9		5.6		2.1	J	6.5	J	7	J
Copper	38.9		11.4		30.5		13.1		25.5	
Lead	9		5.6		33.5		5.6		8.9	
Mercury	ND		ND		0.32		ND		ND	
Nickel	26.6		9.4		15	J	11.2	J	12	J
Selenium	1.3		ND		0.46	J	ND		0.75	J
Silver	ND		ND		ND		ND		ND	
Thallium	ND		ND		ND		ND		ND	
Vanadium	6.8		3	B	8.2	J	4.1	J	3.5	J
Zinc	72.9		42.5		85.2	J	43.4	J	83.3	J
Tin	ND		1	B	2.8	J	ND		ND	
Cyanide	ND		ND		ND		ND		ND	
Sulfide	ND		188		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 9
SUMMARY OF APPENDIX IX+3 DETECTIONS IN SUBSURFACE SOIL
EAST STREET AREA 2 / USEPA AREA 4
INORGANICS

Matrix: Subsurface Soil

Parameter	Sample Point 217B1618 Lab ID: 785514 Borehole: 95-17 Depth: 16'-18' Date Sampled: 2/22/96		Sample Point 218B0608 Lab ID: 785191 Borehole: 95-18 Depth: 6'-8' Date Sampled: 2/21/96		Sample Point 219B1416 Lab ID: 784217 Borehole: 95-19 Depth: 14'-16' Date Sampled: 2/13/96		Sample Point 220B1416 Lab ID: 784270 Borehole: 95-20 Depth: 14'-16' Date Sampled: 2/15/96		Sample Point 220B1416D Lab ID: 784271 Borehole: 95-20D Depth: 14'-16' Date Sampled: 2/15/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Antimony	0.28	J	0.21	J	ND		ND		0.24	J
Arsenic	4.9	J	3.9	J	5.4	J	4.1	J	3.5	J
Barium	16.1	J	12.1	J	55.6	J	18.9	J	18.8	J
Beryllium	0.11	J	0.1	J	0.56	J	0.19	J	0.17	J
Cadmium	ND		ND		ND		ND		ND	
Chromium	7.8	J	11.8	J	14.1	J	7.4	J	7.6	J
Cobalt	8.3	J	7.2	J	11.6	J	7.9	J	6.7	J
Copper	26.6		22.3		16.9		14		12.6	
Lead	9.7		8.3		8.7		6.3		6.5	
Mercury	ND		ND		ND		ND		ND	
Nickel	14.4	J	14	J	14.8	J	14.6	J	13.2	J
Selenium	0.67	J	0.48	J	1	J	ND		ND	
Silver	ND		ND		ND		ND		ND	
Thallium	ND		ND		ND		ND		ND	
Vanadium	4.5	J	3.4	J	13.3	J	5.4	J	5.4	J
Zinc	63.2	J	26.9	J	68.2	J	48.7	J	45.3	J
Tin	ND		ND		ND		ND		ND	
Cyanide	ND		ND		ND		ND		ND	
Sulfide	ND		ND		ND		ND		ND	

Notes:
Units are in ppm (parts per million).
ND indicates not detected at or above the detection level.
Refer to Table 4 for qualifier definitions.

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 207:16-18	16-18	ND	
GEI 207:18-20	18-20	ND	
GEI 207:20-22	20-22	ND	
GEI 207:22-24	22-24	ND	
GEI 207:24-26	24-26	ND	
GEI 207:26-28	26-28	ND	
GEI 209:0-2	0-2	10-50	6.5
GEI 209:2-4	2-4	NS	
GEI 209:4-6	4-6	10-50	
GEI 209:6-8	6-8	>50	
GEI 209:8-10	8-10	NS	
GEI 209:10-12	10-12	>10	
GEI 209:12-12.9	12-12.9	NS	
GEI 209:14-16	14-16	1-5	
GEI 209:16-18	16-18	NS	
GEI 209:18-20	18-20	NS	
GEI 209:20-22	20-22	NS	
GEI 209:22-23	22-23	1-5	
GEI 210:0.5-2	0.5-2	0-1	
GEI 210:2-4	2-4	0-1	
GEI 210:4-6	4-6	5-10	
GEI 210:6-8	6-8	NS	

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 210:8-10	8-10	10-50	
GEI 210:10-12	10-12	5-10	
GEI 210:12-14	12-14	10-50	
GEI 210:14-16	14-16	0-1	0.14
GEI 210:16-18	16-18	1-5	
GEI 210:18-20	18-20	1-5	
GEI 210:20-22	20-22	1-5	
GEI 210:22-24	22-24	1-5	
GEI 212:0.5-2	0.5-2	ND	
GEI 212:2-4	2-4	5-10	
GEI 212:4-6	4-6	5-10	
GEI 212:6-8	6-8	>50	
GEI 212:8-10	8-10	>50	41
GEI 212:10-12	10-12	10-50	
GEI 212:12-14	12-14	ND	
GEI 212:14-16	14-16	ND	
GEI 212:16-18	16-18	0-5	
GEI 212:18-20	18-20	0-5	
GEI 212:20-22	20-22	0-5	
GEI 213:0-2	0-2	10-50	8.4
GEI 213:2-4	2-4	0-5	
GEI 213:4-6	4-6	ND	

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 213:6-8	6-8	ND	
GEI 213:8-10	8-10	0-1	
GEI 213:10-12	10-12	0-1	
GEI 213:12-14	12-14	0-1	
GEI 215:0-2	0-2	>50	29
GEI 215:2-4	2-4	10-50	
GEI 215:4-6	4-6	1-5	
GEI 215:6-8	6-8	1-5	
GEI 215:8-10	8-10	NS	
GEI 215:10-12	10-12	ND	
GEI 216:0.5-2	0.5-2	0-1	
GEI 216:2-4	2-4	5-10	
GEI 216:4-6	4-6	5-10	
GEI 216:6-8	6-8	5-10	
GEI 216:8-10	8-10	5-10	0.62
GEI 216:10-12	10-12	0-1	
GEI 217:0.5-2	0.5-2	0-1	
GEI 217:2-4	2-4	0-1	
GEI 217:4-6	4-6	ND	
GEI 217:6-8	6-8	0-1	
GEI 217:8-10	8-10	0-1	
GEI 217:10-12	10-12	0-1	

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 217:12-14	12-14	0-1	
GEI 218:0.5-2	0.5-2	0-1	
GEI 218:2-4	2-4	5-10	
GEI 218:4-6	4-6	1-5	0.9
GEI 219:0.5-2	0.5-2	0-1	
GEI 219:2-4	2-4	ND	
GEI 219:4-6	4-6	ND	
GEI 219:6-8	6-8	ND	
GEI 219:8-10	8-10	ND	
GEI 220:0.5-2	0.5-2	1-5	
GEI 220:2-4	2-4	1-5	
GEI 220:4-6	4-6	0-1	
GEI 221:0.5-2	0.5-2	1-5	
GEI 221:2-4	2-4	0-1	
GEI 221:4-6	4-6	0-1	
GEI 221:6-8	6-8	1-5	
GEI 221:8-10	8-10	1-5	
GEI 221:10-12	10-12	1-5	
GEI 221:12-13.5	12-13.5	1-5	
GEI 222:0.5-2	0.5-2	5-10	5.1
GEI 222:2-4	2-4	0-1	
GEI 222:4-6	4-6	ND	

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 222:6-8	6-8	ND	
GEI 222:8-10	8-10	ND	
GEI 222:10-12	10-12	ND	
GEI 222:12-14	12-14	ND	
GEI 222:14-16	14-16	ND	0.16
GEI 222:16-18	16-18	ND	
GEI 223:0-2	0-2	0-1	
GEI 223:2-4	2-4	0-1	8
GEI 223:4-6	4-6	5-10	
GEI 223:6-8	6-8	1-5	
GEI 223:8-10	8-10	ND	
GEI 223:10-12	10-12	ND	
GEI 223:12-14	12-14	ND	
GEI 223:14-16	14-16	ND	
GEI 223:16-18	16-18	ND	
GEI 223:18-20	18-20	ND	
GEI 223:20-22	20-22	ND	
GEI 223:22-24	22-24	0-1	
GEI 223:24-26	24-26	NS	
GEI 223:26-28	26-28	ND	
GEI 223:28-30	28-30	ND	
GEI 223:30-32	30-32	ND	

TABLE 1 - RESULTS OF POLYCHLORINATED BIPHENYLS (PCB) ANALYSIS OF SOIL SAMPLES
Merrill Road Reconstruction
Pittsfield, Massachusetts

Sample Identification	Sample Depth Below Ground Surface (feet)	PCB Concentration by Immunoassay Screening[1] (ppm)	PCB Concentration by EPA Method 8080[2] (ppm)
GEI 223:32-34	32-34	ND	
GEI 225:0-2	0-2	0-1	
GEI 225:2-4	2-4	ND	0.037
GEI 225:4-6	4-6	ND	
GEI 225:6-8	6-8	ND	

Notes:

1. Immunoassay screening for polychlorinated biphenyls (PCBs) performed by GEI Consultants, Inc. (GEI) .

2. PCB analyses by EPA Method 8080 performed by National Environmental Testing, Inc. of Bedford, Massachusetts. For each sample in which a PCB concentration is reported, no more than two of the seven aroclors analyzed for was above the laboratory quantitation limits. Laboratory quantitation limits ranged from 0.035 to 0.78 ppm.

3. "ND" indicates PCBs were not detected.

4. "NS" indicates the soil was not sampled.

TABLE 3

CHEMISTRY REPORTING AND QUALIFIER DEFINITIONS

Organics

CRQL - Contract Required Quantitation Limit.
U - Analyte was not detected.
UJ - Analyte was not detected. The reporting limited is estimated.
ND - Analyte was not detected.
E - The concentration detected in the sample exceeds the instrument calibration range. The concentration should be considered as an estimated value.
J - The analyte was detected and is considered an estimated value.
N - The analyte is tentatively identified in the sample and should be considered present.
P - The analyte is detected in the sample. The percent differences in the concentrations calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.
B - The analyte was found to be present in the associated laboratory method blanks.
D - The sample was analyzed at a secondary dilution due to exceeded calibration range in the primary analysis. Values reported below the CRQL may not be accurate.
X - Qualifier used by the laboratory to indicate two isomers which can not be separated on the GC column. The quantitated value is reported for each isomer. The concentrations are estimated.

Dioxins and Furans

@ - result is estimated because the value is below the lower calibration limit but above the target detection limit (dioxins/furans).
g - 2,3,7,8-TCDF results were confirmed on a DB-225 column (dioxins/furans).
r - reporting limit changed due to sample volume limitations (dioxins/furans).
y - elevated detection limit due to chemical interference (dioxins/furans).

Inorganics

CRDL - Contract Required Detection Limit
IDL - Instrument Detection Limit
U - Analyte was not detected.
UJ - Analyte was not detected. The reporting limited is estimated.
ND - Analyte was not detected.
B - Analyte was detected at a concentration above the IDL but less than the CRDL.
E - The reported value is estimated because of a reported interference.
M - Duplicate injection precision not met.
N - Spiked sample recovery not within control limits.
* - Duplicate analysis not within control limits.
J - The analyte was detected and is considered an estimated value.

TABLE 4
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL

Aroclor-1260

Matrix: Subsurface Soils

Well ID	Sample Depth	Total PCB Concentration
ES1-05	0' - 2'	100 J
	2' - 4'	11 J
	4' - 6'	23
	6' - 8'	4.6 J
	8' - 10'	4.9 J
	10' - 12'	52 J
	12' - 14'	34 J
	14' - 16'	130 P
	16' - 18'	3000 P
	20' - 22'	55 P
	22' - 24'	2.5
	24' - 26'	22 P
	26' - 28'	36
	28' - 30'	91
	30' - 32'	0.75
	32' - 34'	ND
	34' - 36'	0.13 P
	40' - 42'	0.41
ES1-06	0' - 0.5'	120
	0.5' - 2'	970
	2' - 4'	4.4
	4' - 6'	0.033 JP
	6' - 8'	0.019 JP
	8' - 10'	0.019 JP
	28' - 30'	0.026 J
ES1-07	0' - 0.5'	0.45
	0.5' - 2'	1.4
	2' - 4'	1.7
	4' - 6'	6.4
	6' - 8'	1.8 P (2.7 P)
	14' - 16'	ND
ES1-08	0' - 0.5'	1.1
	0.5' - 2'	0.34
	2' - 4'	1.4
	4' - 6'	7.7
	14' - 16'	ND

Notes:
Units are in ppm (parts per million).
Refer to Table 3 for qualifier definitions.
Duplicate results shown in parenthesis.

TABLE 4
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL

Aroclor-1260

Matrix: Subsurface Soils

Well ID	Sample Depth	Total PCB Concentration
ES1-09	0' - 0.5'	1.9
	0.5' - 2'	2.2
	2' - 4'	0.73
	4' - 6'	ND
	6' - 8'	ND
ES1-10	0' - 2'	0.52 J
	2' - 4'	0.46 J
	4' - 6'	ND
ES1-11	0' - 2'	1.7
	2' - 4'	2.3
	4' - 6'	0.015 JP
	8' - 10'	0.12
ES1-12	0' - 2'	1.9
	2' - 4'	0.7
	4' - 6'	0.57
	6' - 8'	7.8
ES1-13	0' - 2'	13
	2' - 4'	1.1
	4' - 6'	ND
ES1-14	0' - 2'	1.8 P
	2' - 4'	0.23
	4' - 6'	ND
	6' - 8'	ND
	8' - 10'	5
	10' - 12'	0.06 P
	12' - 14'	ND
	14' - 16'	0.3
ES1-15	0' - 0.5'	21
	0.5' - 2'	2.2 (46)
	2' - 4'	ND
	4' - 6'	ND
	6' - 8'	ND
	8' - 10'	ND

Notes:
Units are in ppm (parts per million).
Refer to Table 3 for qualifier definitions.
Duplicate results shown in parenthesis.

TABLE 4
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL

Aroclor-1260

Matrix: Subsurface Soils

Well ID	Sample Depth	Total PCB Concentration
ES1-16	0' - 2'	1.4 JP
	2' - 4'	7.5
	4' - 6'	0.045 JP
	6' - 8'	0.054 P
	8' - 10'	0.017 JP
	10' - 12'	0.0066 JP
	12' - 14'	0.005 JP
	14' - 16'	0.018 JP
	16' - 18'	0.0043 JP
	18' - 20'	0.0074 JP
	20' - 22'	0.014 JP
	22' - 24'	0.0067 JP
	24' - 26'	ND
	28' - 30'	ND
	30' - 32'	0.065 P
	50' - 52'	ND
ES1-17	0' - 2'	7.5 J
	2' - 4'	15 J
	6' - 8'	0.26 J
	8' - 10'	0.022 J
	12' - 14'	0.035 J
ES1-18	0' - 0.5'	3.6 P
	0.5' - 2'	0.5
	2' - 4'	0.054 P
	4' - 6'	0.0073 J
	6' - 8'	ND
ES1-19	0' - 0.5'	3.6 J
	0.5' - 2'	14
	2' - 4'	0.19 J
ES1-20	0' - 0.5'	1.3
	0.5' - 2'	1.1
	4' - 6'	0.074
	6' - 8'	0.049
	8' - 10'	ND
	10' - 12'	ND (ND)
	12' - 14'	ND
ES1-21	0' - 2'	2.8
	2' - 4'	0.2
	4' - 6'	ND (ND)
ES1-22	26' - 28'	ND

Notes:
Units are in ppm (parts per million).
Refer to Table 3 for qualifier definitions.
Duplicate results shown in parenthesis.

TABLE 4
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL

Aroclor-1260

Matrix: Subsurface Soils

Well ID	Sample Depth	Total PCB Concentration
ES1-23	0' - 0.5'	0.69
	0.5' - 2'	0.086
	8' - 10'	ND
ES1-24	0' - 0.5'	0.96
	0.5' - 2'	0.086
	8' - 10'	ND
ES1-25	0' - 2'	0.029 J
	2' - 4'	0.071 J
	6' - 8'	ND
	8' - 10'	ND
	10' - 12'	ND
	12' - 14'	0.024 J
	14' - 16'	ND
ES1-27	0' - 0.5'	0.62
	0.5' - 2'	2.5
	2' - 4'	0.62
	4' - 7'	1.2
	7' - 10'	ND
	10' - 13'	ND
	13' - 16'	ND
ES1-28	0' - 2'	7.1 (6.9)
	2' - 4'	3.2
	4' - 6'	0.02
	6' - 8'	0.017
ES1-29	0' - 2'	2.6 J
	2' - 4'	38 J
	4' - 6'	17 J
	6' - 8'	9.7 J
	8' - 10'	0.53 J
	10' - 12'	1.5 J (3.1 J)
	12' - 14'	ND
	14' - 16'	0.0083 J

Notes:
Units are in ppm (parts per million).
Refer to Table 3 for qualifier definitions.
Duplicate results shown in parenthesis.