REPORT

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SDMS 43576

Pre-Design Investigation Report for the Lyman Street Area Removal Action

Volume I of III

General Electric Company
Pittsfield, Massachusetts

April 2003

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BLASLAND, BOUCK & LEE, INC.
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01-0572

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

Transmitted via Overnight Courier

April 24, 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
Lyman Street Area (GECD430)
Pre-Design Investigation Report

Dear Mr. Olson:

In accordance with the GE's approved *Pre-Design Investigation Work Plan for the Lyman Street Area Removal Action* (March 2002), and supplemental information letter dated July 16, 2002, enclosed is GE's *Pre-Design Investigation Report for the Lyman Street Area*. This report summarizes activities performed and results obtained during the pre-design investigation for the Lyman Street Area. In addition, this report presents other data that have been obtained and will be incorporated, as appropriate, in future Removal Design/Removal Action (RD/RA) evaluations for this area.

For the most part, the available data are sufficient to characterize the soils within the Lyman Street Area and thus to support future RD/RA activities. However, GE has determined that some additional information, including supplemental sampling, is needed to support GE's future technical evaluations and preparation of a Conceptual RD/RA Work Plan. Therefore, this report presents a proposal for the additional pre-design activities identified as necessary to prepare a Conceptual RD/RA Work Plan. The report also proposes that GE submit a letter report to EPA providing the results of the supplemental sampling proposed in the report within 45 days from receipt of EPA approval of the report.

In accordance with a prior agreement between GE and EPA under Paragraph 56.b of the Consent Decree (as documented in a letter from GE to EPA dated February 15, 2002), GE is required to provide a notice to EPA and the Massachusetts Department of Environmental Protection (MDEP) following submission of the Pre-Design Report as to whether the owners of the non-GE-owned properties within the Lyman Street Area would agree to execute and record Grants of Environmental Restrictions and Easements (EREs) on their properties. This notice is due one month after submission of the Pre-Design Report or at such other time as is proposed by GE and approved by EPA at the time of submission of that report. GE has contacted each of the non-GE property owners at the Lyman Street Area regarding this matter and is awaiting their responses. GE proposes, for EPA approval, to defer the required notice to EPA and MDEP on this matter until one month after submission of the letter report (discussed above) presenting the results of the supplemental soil sampling.

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

Sincerely,

Andrew T. Silfer /DAJ

Andrew T. Silfer, P.E.
GE Project Coordinator
V:\GE_Pittsfield_CD_Lyman_St\Reports and Presentations\PDF_Report\26632196.doc

Enclosure

cc: Tim Conway, EPA
Holly Inglis, EPA
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Michael Nalipinski, EPA
K.C. Mitkevicius, USACE
Dawn Jamros, Weston (3 extra copies of oversized figure)
Susan Steenstrup, MDEP (2 copies)
Alan Weinberg, MDEP (cover letter only)
Robert Bell, MDEP (cover letter only)
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Michael McHugh, Rich May
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Property Owner – Parcel I9-4-14 & -19
Property Owner – Parcel I9-4-201
Property Owner – Parcel I9-4-25, -202, & -203
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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD requires (among other things) the performance of Removal Actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents present in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts. These RAAs are part of the GE-Pittsfield/Housatonic River Site (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, as well as specific work plans and other documents that must be prepared to support the response actions for each RAA. These work plans/documents include a Pre-Design Investigation Work Plan, a Pre-Design Investigation Report, a Conceptual Removal Design/Removal Action (RD/RA) Work Plan (for some Removal Actions), and a Final RD/RA Work Plan.

This *Pre-Design Investigation Report for the Lyman Street Area Removal Action* (Pre-Design Report) summarizes the pre-design soil investigations performed by GE within the Lyman Street Area RAA, as well as related activities conducted by EPA. This report also evaluates the sufficiency of the data obtained from those investigations, in combination with data available from prior soil investigations, to support the development of a Conceptual RD/RA Work Plan for this Removal Action.

The pre-design investigation activities for the Lyman Street Area were performed in accordance with a document entitled *Pre-Design Investigation Work Plan for the Lyman Street Area Removal Action* (PDI Work Plan) dated March 2002 and a July 16, 2002 supplemental information letter to the PDI Work Plan. These documents were conditionally approved by EPA in letters dated July 2, 2002 and July 25, 2002, respectively. The field activities described in the PDI Work Plan and supplemental information letter (collectively, the PDI Work Plans) were completed by GE between August 5 and December 17, 2002, and resulted in the collection of the majority of the pre-design soil data that will be used for future RD/RA evaluations for this area. In addition, during the performance of the pre-design investigation sampling, split samples were collected by EPA at selected locations as described below in Section 2.4.

During preparation of the PDI Work Plans, an assessment of existing data was performed. From that assessment, it was determined that certain existing data could be used to satisfy pre-design investigation requirements for this area and/or to support future RD/RA evaluations. These usable historical data have been compiled and included in this Pre-Design Report.

Moreover, in the course of developing this Pre-Design Report, GE determined that it was necessary to perform certain supplemental sampling to further delineate PCB concentrations in surface soil near the boundaries of the Lyman Street Area in the vicinity of sample locations RAA12-J19, RAA12-E25, and RAA12-C26. Therefore, on March 11, 2003, GE proposed verbally to EPA, and EPA verbally approved, additional surface soil sampling at locations RAA12-J19N, RAA12-E25N, and RAA12-C26W. GE confirmed EPA's approval of this proposal in a letter dated March 13, 2003. GE took these samples on March 18 and March 19, 2003, and the results are included in this report.

In total, the soil data available to support RD/RA evaluations include results from approximately 2,250 analyses of soil samples collected from approximately 400 locations. Depending on the specific sample location and depth, these sampling data include results for PCBs and/or other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

1.2 Format of Document

This report summarizes the pre-design investigation activities performed by GE and provides an assessment regarding: (1) the sufficiency of the available soil data to support the design and evaluation of response actions to achieve the soil-related Performance Standards for the Lyman Street Area; and (2) whether there is any additional information needed prior to the preparation of the Conceptual RD/RA Work Plan. For the most part, the results of the recent pre-design activities, including the information obtained from other investigations at this RAA, are sufficient to characterize the soils within the Lyman Street Area and thus support future RD/RA activities. However, some additional sampling data and other information are needed to support the RD/RA evaluations to be included in the Conceptual RD/RA Work Plan. A description of these data needs and a proposal to satisfy them are included in this report.

The remainder of this section provides a brief description of the Lyman Street Area RAA. Section 2 describes the pre-design investigation activities conducted by GE (and EPA to a lesser extent), provides an overview of

the available soil data from this area, and presents an assessment of remaining data needs. Section 3 presents a proposal and schedule for the performance of additional pre-design activities.

Note that the pre-design activities summarized in this report pertain to soils only. The Lyman Street Area is one of several RAAs that have been combined to form the Plant Site 1 Groundwater Management Area (GMA 1) for purposes of groundwater quality monitoring and non-aqueous-phase liquid (NAPL) monitoring/recovery. GE currently operates a number of groundwater/NAPL recovery wells at the former GE parking lot area at the eastern portion of the Lyman Street Area, and performs additional groundwater and NAPL-related investigations and response actions under the GMA 1 groundwater quality and NAPL monitoring programs. Activities concerning groundwater quality and NAPL are addressed separately as part of activities concerning GMA 1.

1.3 Description of Lyman Street Area

The Lyman Street Area occupies an area of approximately 17.5 acres. As shown on Figure 1, this area is generally bounded by the Housatonic River to the south, East Street and several commercial properties to the north, the East Street Area 2-South RAA to the east, and Cove Street to the west. Certain portions of this area originally consisted of land associated with oxbows or low-lying areas associated with the Housatonic River. Rechannelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and United States Army Corps of Engineers separated these oxbows and low-lying areas from the active course of the river. The former oxbows and low-lying areas at the Lyman Street Area were subsequently filled with various materials from a variety of sources, resulting in its current surface elevations and topography.

The Lyman Street Area includes both GE-owned and other privately owned properties. As shown on Figure 2, there are eight separate properties that fall within the Lyman Street Area:

- Parcel I9-4-14;
- Parcel I9-4-19;
- Parcel I9-4-25;
- Parcel I9-4-201;
- Parcel I9-4-202;
- Parcel I9-4-203;
- Parcel I9-8-1; and
- Parcel I9-8-2.

Parcel I9-8-1 is owned by GE and includes the GE Lyman Street parking lot. The non-GE-owned properties within the Lyman Street Area include: (a) an undeveloped corridor for high-voltage electricity transmission lines, located to the east of the GE parking lot; (b) a commercial area located west of Lyman Street and extending to Cove Street, occupied mainly by buildings and parking areas used by local commercial businesses; and (c) an undeveloped strip adjacent to the river in the western portion of this area. As described in the SOW, Parcels I9-8-1 and I9-8-2, as well as the undeveloped strip of land near the river in the western portion of this RAA (covering portions of Parcels I9-4-14, I9-4-19, I9-4-25, and the western side of I9-4-203), are considered to be "recreational" properties for the purposes of developing appropriate response actions. The remaining portions of the latter four parcels, together with Parcels I9-4-201 and I9-4-202, are considered "commercial/industrial" properties.

Each of the properties at the Lyman Street Area except Parcel I9-4-202 is adjacent to the Housatonic River. However, only the non-riverbank portions of these properties are included in the Lyman Street Area. As shown on Figure 3, the riverbank portions of these properties are subject to separate removal actions under the CD -- i.e., the Upper ½ Mile Reach Removal Action (completed by GE) for the riverbanks east of Lyman Street and the 1½ Mile Reach Removal Action (being conducted by EPA) for the riverbanks west of Lyman Street.

It should be noted that, since the development of the SOW, the configuration of the undeveloped "recreational" strip along the river in the western portion of this RAA has changed due to EPA's performance of response actions related to its 1½ Mile Reach Removal Action. Specifically, the surface features of this strip have been either permanently or temporarily disturbed and will require restoration as part of EPA's 1½ Mile Reach response actions. Based on recent discussions with EPA, it is anticipated that an approximate 30- to 40-foot wide strip of land adjacent to the top of the riverbank and within the Lyman Street Area will be restored as a vegetative surface. As a result, the areas within this strip that were previously designated in the SOW as "recreational" have been modified on Figure 2 to reflect anticipated conditions following completion of EPA's response actions in this area. In the event that the restoration of these areas results in a different configuration or extent of the "recreational" area within this strip, appropriate changes will be incorporated into the RD/RA evaluations for the Lyman Street Area.

2. Summary of Pre-Design Investigations

2.1 General

As discussed in Section 1, the data available to support future RD/RA soil evaluations within the Lyman Street Area will be derived from a number of different sources and sampling activities, including historical data, recent pre-design activities performed by GE, and EPA sampling results. The majority of the data were obtained by GE as part of the pre-design investigations conducted between August 5 and December 17, 2002 in accordance with the PDI Work Plans, and the supplemental pre-design soil samples were taken on March 18 and 19, 2003. These investigations were performed on behalf of GE by Blasland, Bouck & Lee (BBL), while analytical services were provided by CT&E Environmental Services, Inc.

During the performance of these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA, including collection and analysis of split samples and additional samples at certain locations identified by EPA. In total, the pre-design soil sampling effort (including the combined efforts of GE and EPA) involved the collection and analysis of approximately 569 soil samples from approximately 265 locations. The locations of the samples collected by GE and EPA during the pre-design investigation, as well as the locations of the usable historical samples, are identified on Figure 3 (for PCB samples) and Figures 4 through 8 (for samples analyzed for other Appendix IX+3 constituents).

2.2 Summary of Pre-Design Sampling and Analysis Activities

With certain limited exceptions (discussed later in this section), the pre-design sample locations, frequencies, depths, and analytes were consistent with the activities proposed in the PDI Work Plans. All field and analytical activities conducted by GE were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). Soil boring logs are presented in Appendix A to this report.

Soil samples collected by GE for PCB analysis during the pre-design investigations were analyzed for Aroclor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis with a detection limit of approximately 0.05 ppm for all Aroclors. Select GE soil samples were also analyzed for Appendix IX+3 constituents (including pesticides and herbicides at certain locations), utilizing methods and reporting limits consistent with those presented in the FSP/QAPP. In addition, split samples were provided upon request to representatives from Weston.

2.3 Modifications to Pre-Design Sampling and Analysis Activities

During the performance of the pre-design investigation, several modifications to the sampling program outlined in the PDI Work Plans were implemented based on field conditions and observations, and/or communications with EPA. The following modifications to the work scope identified in the PDI Work Plans were implemented, with concurrence of EPA field representatives:

- Nine soil boring locations (RAA12-F26, RAA12-H24, RAA12-L24, RAA12-L26, RAA12-N4, RAA12-N18, RAA12-O2, RAA12P-21, and RAA12-T3) were relocated slightly (i.e., distances ranging from 2 to 13 feet) from the locations shown in the PDI Work Plans due to equipment refusal (i.e., subsurface obstructions encountered during drilling) or access restrictions at the proposed location (e.g., presence of subsurface utilities).

- At soil boring RAA12-L24, after several attempts to advance beyond a subsurface obstruction, refusal was encountered at 8 feet below the ground surface (bgs). Therefore, a sample could not be collected from the entire 6- to 10-foot depth interval for analysis of PCB and Appendix IX+3 constituents as proposed in the PDI Work Plans. For this reason, a soil sample was collected at the 6- to 8-foot depth interval for PCB and Appendix IX+3 analyses. No sampling was proposed at location RAA12-L24 for the 10- to 15- foot depth interval.

- At soil boring RAA12-F26, after several attempts to advance beyond a subsurface obstruction, refusal was encountered at 12 feet below the ground surface (bgs). Therefore, a sample could not be collected from the entire 10- to 15-foot depth interval for PCB analysis as proposed in the PDI Work Plans. For this reason, a soil sample was collected at the 10- to 12-foot depth interval for PCB analysis.

- An additional soil sample was collected at soil boring RAA12-L26 at the 10- to 15-foot depth interval for PCB analysis based on field observations (e.g., oil staining) and an elevated PID screening reading.

None of the modifications identified above significantly affects the overall characterization of the soils within the Lyman Street Area. Although samples from some of the proposed pre-design locations could not be collected, GE did identify and collect alternate and/or additional sample locations at comparable depth increments, such that the amount of soil data available to characterize existing soils does not vary to any great extent. In addition, the sampling data resulting from the separately performed EPA sampling and analyses, as well as split sampling data collected by EPA, further expand the available data set from which RD/RA evaluations will be conducted.

As indicated above, the soil sample collected from boring RAA12-L26 at the 10- to 15-foot depth interval indicated the presence of oil staining. As required by Technical Attachment D to the SOW (Protocols for Additional Soil Investigations), since NAPL was encountered in this soil sample, GE has assessed the need for the installation of a monitoring well at this location. This sampling location is upgradient of a known area of NAPL occurrence within the GE Lyman Street parking lot that is currently being controlled under GE's ongoing NAPL monitoring and recovery activities. Further, existing monitoring well LS-31 is located approximately 15 feet northwest of the RAA12-L26 location and this well is monitored weekly as part of ongoing NAPL-related evaluations. Therefore, the installation of a monitoring well at this location is not warranted. However, this information will be incorporated into the ongoing NAPL-related evaluations and reports described in Section 1.2.

In addition, as noted above, in the course of developing this Pre-Design Report, GE determined that it was necessary to perform certain supplemental sampling to further delineate PCB concentrations in surface soil near the boundaries of the Lyman Street Area in the vicinity of sample locations RAA12-J19, RAA12-E25, and RAA 12-C26. With EPA's approval, GE took these samples on March 18 and 19, 2002, and the results are included in this report.

2.4 Summary of Available Soil Data

For the Lyman Street Area, the soil data available to support future technical evaluations and the preparation of a Conceptual RD/RA Work Plan include the results of GE's recent pre-design investigations, as well as data available from prior GE investigations and data collected by EPA.

The following table summarizes the available data:

Analytical Parameter	GE Pre-Design Soil Analyses	EPA Split Soil Analyses	EPA 1½ Mile and Other Soil Analyses	Historical Soil Analyses	Total Soil Analyses
PCBs	542	4	94	394	1,032
VOCs	173	4	7	54	238
SVOCs	179	4	12	42	237
Pesticides/Herbicides	27	0	5	27	59
Dioxins/Furans	177	2	8	39	226
Inorganics	180	4	12	38	234

Note: Table includes current data set (not including QA/QC analyses).

The locations from which these soil samples were collected are shown, by relevant depth increment, on Figures 3 through 8. Specifically, Figure 3 shows the locations of the samples collected for PCB analysis, while Figures 4, 5, 6, 7, and 8 show the locations of the samples collected for Appendix IX+3 analyses from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments, respectively.

The analytical results for the pre-design soil samples collected by GE are provided in Tables 1 and 2. These tables provide the results of GE's recent investigations for PCBs and other Appendix IX+3 constituents, respectively, including the results from the supplemental samples collected on March 18 and 19, 2003. Historical soil data are summarized in Tables 3 and 4 for PCBs and other Appendix IX+3 constituents, respectively. Tables 5 and 6 provide the results for PCBs and other Appendix IX constituents, respectively, for the samples analyzed by EPA. These results include the data from samples that were split with GE and samples from other separate locations within this RAA and those sampled as part of the 1½ Mile Reach Removal Action. Note that the data tables that present Appendix IX+3 data only summarize the results for constituents that were detected in one or more samples during the respective investigations. Complete listings of the Appendix IX+3 laboratory results for GE's pre-design samples, historical samples, and EPA samples are, included in Appendix B, as Tables B-1, B-2, and B-3, respectively.

2.5 Data Quality Assessment

For the pre-design activities performed by GE, quality control samples (i.e., matrix spike/matrix spike duplicates, field duplicates, and field blanks) were collected in accordance with the FSP/QAPP. The FSP/QAPP also presents the quality control criteria and corrective action procedures to be followed for each analytical and field-generated quality control sample. Overall project quality assurance was provided by following the procedures for sample collection and analysis, corrective action, and data reporting and validation specified in the FSP/QAPP.

All of the GE pre-design soil analytical data have undergone data review validation in accordance with Section 7.5 of the FSP/QAPP. The results of this assessment for the most recent pre-design samples are summarized in a data validation report presented in Appendix C. As indicated in that report, 99% of the pre-design data collected by GE are considered to be usable, which is greater than the minimum required usability of 90% specified in the FSP/QAPP. Thus, the overall pre-design soil data set meets the data quality objectives set forth in the PDI Work Plans and the FSP/QAPP.

As indicated in the PDI Work Plans, the historical soil data were previously reviewed for overall quality, based on the accompanying laboratory documentation (where available). That data review resulted in the designation of some data as usable both to satisfy pre-design investigation requirements and for future RD/RA evaluations, other data as supplemental data for use in RD/RA evaluations, and other data as rejected or eliminated. The data presented in this report consist of the data in the first two of these categories. Based on the reviews in the PDI Work Plans, these data were found to be of acceptable quality for use in satisfying RD/RA requirements for the response actions for the Lyman Street Area (except for certain "supplemental" Appendix IX+3 data that the PDI Work Plans indicated would be re-evaluated in the Conceptual RD/RA Work Plan after the PCB-related response actions have been defined).

It is GE's understanding that the analytical results for the soil samples collected and analyzed by EPA were validated by EPA prior to receipt by GE. Therefore, these data are considered acceptable for use in future RD/RA evaluations pertaining to RD/RA activities.

2.6 Assessment of Potential Data Needs

In accordance with Section 3.2 of the SOW, the Pre-Design Report is required to consider the sufficiency of the available data in terms of supporting subsequent RD/RA activities, and whether any additional or remaining data are needed. If additional data are needed, the Pre-Design Report is to include a proposal for further studies/investigations, as well as a schedule for such activities and the submission of any supplemental pre-design reports.

Based on completion of the pre-design activities, including the supplemental soil sampling described above, the available soil characterization data are, in large part, sufficient to support the necessary evaluations for this RAA, including an assessment of current soil conditions and the need for, type of, and scope of response actions to achieve the applicable Performance Standards. Although minor modifications to the scope of sampling specified in the PDI Work Plans were implemented during the field activities, none of the modifications (described in Section 2.3) affects the overall characterization of soils within this RAA that was gained from the remaining sampling data.

Nevertheless, GE has identified a number of potential data needs and has conducted an assessment of those potential data needs to determine whether additional data need to be collected to support future RD/RA evaluations and allow preparation of the Conceptual RD/RA Work Plan. These potential data needs are

described below. Where additional data are determined to be necessary, proposals to satisfy those data needs are provided in Section 3.2 below.

First, as described in Section 1.1 above, during the course of preparing this Pre-Design Report, GE determined that it was necessary to perform certain supplemental sampling to further delineate PCB concentrations in the top foot of soil near the boundaries of the Lyman Street Area in the vicinity of sample locations RAA12-J19, RAA12-E25, and RAA12-C26 (Figure 3). With EPA approval, additional soil samples were collected from the top foot of soil at locations RAA12-J19N, RAA12-E25N, and RAA12-C26W, which, as shown on Figure 3, are located between the corresponding grid nodes and the adjacent RAA boundaries. The results of this sampling, presented in Table 1, show PCB concentrations of 2.65 ppm at location J19N, 1.94 ppm at location E25N, and 2.7 ppm (with a duplicate result of 1.78 ppm) at location C26W. These concentrations are much lower than the PCB Performance Standard of an average concentration of 25 ppm in surface soil at commercial/industrial properties and, in fact, are either below or only very slightly above the PCB Performance Standard of 2 ppm (average) for residential properties. Therefore, GE does not believe that there is any need at this time to expand the soil sampling for the Lyman Street Area onto the adjacent commercial properties along East Street, which are currently located outside the boundaries of this RAA and the CD Site.

Second, in its July 2, 2002 conditional approval letter for the PDI Work Plan, EPA required that GE determine the location of other subsurface utilities in the non-GE owned portion of the Lyman Street Area. Updated utility information -- including the presence of the natural gas lines and building-specific utility information -- has been obtained and is shown on Figure 3. GE has conducted an assessment of the available PCB data near these utility corridors to determine whether additional data are necessary to characterize the soil in those corridors so as to support future RD/RA activities. To assist in this assessment, 50-foot-wide bands have been superimposed along these utility lines, centered on the utility line, as shown on Figure 3, and the data from soil borings within and near those bands have been reviewed. Review of this information shows that, in most instances, PCB data are available within these 50-foot-wide bands at linear intervals of approximately 100 to 150 feet along the utility and at a depth corresponding to the utility bedding. However, there are few cases where the distance between samples located along the utility line is slightly greater than 150 feet or where samples are located marginally more than 25 feet from the utility line. The areas occupied by these utility bands, however, are generally located outside of the former oxbow limits, and the PCB concentrations within and near these areas are very low. PCB concentrations within and in the areas on both sides of these utility bands range from non-detect to 1.22 ppm in the surface (0- to 1-foot depth interval), with one occurrence of 13.6 ppm at location RAA12-M10, and from non-detect to 1.31 in the subsurface (1- to 15-foot depth intervals). These

concentrations are far lower that the Performance Standard of an average of 200 ppm for utility corridors (as set forth in the CD and SOW), which would trigger an evaluation of whether additional response actions are necessary to address such soils. In these circumstances, GE does not believe that it is necessary to perform additional PCB characterization activities in these utility bands.

Third, GE has reviewed the available data for non-PCB Appendix IX+3 constituents in soils to determine whether those data indicate the need to conduct any additional soil sampling to delineate the extent of any elevated concentrations detected that may require removal. This review has focused on the properties outside the GE Lyman Street Parking Lot, since the parking will be covered by a one-foot vegetative engineered barrier, as allowed by the CD and described in GE's letter to EPA dated July 16, 2001. Based on this review, GE has identified an elevated concentration of lead (51,000 ppm) in the top foot of soil at the RAA12-O16 sampling location in Parcel I9-4-201 (see Table 2). This location is below pavement and it is expected that this is an isolated result. Nonetheless, GE believes that it would be appropriate to collect supplemental soil samples from the 0- to 1-foot depth in the vicinity this location for lead analysis, to delineate the extent of this elevated lead concentration. A proposal for conducting this supplemental sampling is presented in Section 3.2 below.

In addition, GE has reviewed the available non-PCB data for the "recreational" portions of Parcels I9-4-14, I9-4-19, I9-4-25 and I9-4-203 along the Housatonic River (as shown on Figure 2) to determine: 1) whether sufficient non-PCB Appendix IX+3 data will be available to evaluate those areas for such constituents; and 2) whether there are any sample results that would require further delineation based on the application of the Performance Standards for recreational (as opposed to commercial/industrial) areas. Based on anticipated changes to these "recreational" areas following EPA's 1½ Mile Reach response and restoration actions, certain of the pre-design characterization samples originally positioned within these recreational areas (as shown in the SOW) will or may no longer be located in such areas. As a result, given that these recreational areas will have to be evaluated separately from the commercial portions of these parcels, GE has identified some additional pre-design Appendix IX+3 sampling needs to characterize these recreational areas and thus to support future RD/RA evaluations. Also, certain polynuclear aromatic hydrocarbon (PAH) compounds detected at sampling location RAA12-U8 (1- to 3-foot depth) may be somewhat elevated relative to recreational standards (see Table 2). To delineate the extent of such PAH concentrations in this recreational area, GE believes that it would be appropriate to collect supplemental soil samples at the 1- to 3-foot depth in the vicinity of the RAA12-U8 sampling location for analysis of the Appendix IX+3 semi-volatile organic compounds (SVOCs) (which include PAHs). A proposal for the supplemental sampling in these recreational areas is included in Section 3.2 below.

3. Future Activities and Schedule

3.1 General

Section 2.6 described the additional data needs that have been identified to support the development of the Conceptual RD/RA Work Plan for the Lyman Street Area. The additional pre-design soil sampling activities that are proposed to satisfy those data needs are described in Section 3.2. Other remaining pre-design activities are presented in Section 3.3. Finally, Section 3.4 presents the proposed schedule for future activities and summarizes the anticipated contents of the Conceptual RD/RA Work Plan.

3.2 Supplemental Pre-Design Soil Investigations

This section describes the supplemental Appendix IX+3 sampling proposed to satisfy the data needs identified in Section 2.6. This proposed supplemental sampling is summarized in Table 7, and the proposed sample locations are shown on Figures 4 through 7.

As described in Section 2.6, results of the pre-design investigation sampling indicate the presence of an elevated concentration of lead (51,000 ppm) at the RAA12-O16 (0- to 1-foot) sampling location on Parcel I9-4-201. Although this location is below pavement and likely to be an isolated result, GE proposes to conduct additional sampling for lead in the vicinity of this location to delineate the extent of the elevated lead concentration. Specifically, GE proposes to collect three supplemental soil samples at the 0- to 1-foot depth -- designated samples RAA12-O16NE, RAA12-O16NW, and RAA12-O16S -- approximately 25 feet northeast, northwest, and south of location RAA-O16, respectively, as shown on Figure 4. These samples will be submitted for analysis of lead (Table 7).

As also discussed in Section 2.6, additional delineation sampling is warranted to address the PAH results from the 1- to 3-foot sample at location RAA12-U8, which is located within the "recreational" portion of Parcel I9-4-19 along the river. To address this finding,, GE proposes to collect additional samples at that depth to delineate the extent of such PAHs within this portion of the recreational strip. Specifically, GE proposes to collect two supplemental soil samples at the 1- to 3-foot depth -- designated samples RAA12-U8NE and RAA12-U8SW -- approximately 20 to 25 feet northeast and southwest of location RAA12-U8, as shown on Figure 5. These samples will be submitted for analysis of Appendix IX+3 SVOCs (which include PAHs) (Table 7).

In addition, as further discussed in Section 2.6, additional sampling for all groups of non-PCB Appendix IX+3 constituents (excluding pesticides and herbicides) is necessary in the "recreational" portions of Parcels I9-4-14, I9-4-19, I9-4-25, and I9-4-203 along the river to provide additional data to characterize these areas and thus to support future RD/RA evaluations for these areas. To obtain such data, GE proposes to collect supplemental soil samples for Appendix IX+3 analysis at the locations shown in the chart below, which are also listed in Table 7 and depicted on Figures 4, 5, 6, and 7. These samples will be submitted for analysis of Appendix IX+3 constituents (excluding pesticides and herbicides), except for the 1- to 3-foot sample from RAA12-X6, which will be submitted only for analysis of volatile organic compounds (VOCs), since there are already sufficient data for the other groups of Appendix IX+3 constituents from that parcel and that depth.

Parcel	Proposed Supplemental Appendix IX+3 Investigations
I9-4-14	RAA12-Y5 (0 to 1 feet, 1 to 3 feet)
I9-4-19	RAA12-X6 (1 to 3 feet) (VOCs only)
I9-4-25	RAA12-U9 (0 to 1 feet, 1 to 3 feet, and 3 to 6 feet)
I9-4-203	RAA12-TU9.5 (0 to 1 feet, 1 to 3 feet, and 6 to 10 feet)

All of these sampling and analysis activities will be conducted in accordance with the procedures set forth in GE's approved FSP/QAPP. The results of these activities will be presented in a letter report to EPA in accordance with the schedule described in Section 3.4, and will be incorporated in the Conceptual RD/RA Work Plan.

3.3 Additional Pre-Design Activities

In addition to the supplemental soil investigations described in Section 3.2, GE has identified certain other activities that may or will be performed to support the preparation of the Conceptual RD/RA Work Plan for the Lyman Street Area. These activities are described below.

Portions of the available site mapping for the Lyman Street Area are not sufficient to support the type of detailed RD/RA evaluations that will be performed by GE. The current mapping, as depicted on Figures 2 through 9 in this report, was primarily generated from aerial photogrammetry mapping conducted in 1990. Although this mapping is useful for identifying prominent features within this RAA (e.g., buildings, roadways, river banks, etc.) and the locations of the soil sampling locations, additional detailed site mapping is required to support RD/RA activities. A recent survey of the Lyman Street Area has been conducted by GE as part of the pre-

design investigation, in addition to survey data that exist for areas along the Housatonic River. GE will review these surveys to identify where additional surveys will be required to adequately cover the remainder of this RAA, and such surveys will be performed where necessary. GE will then proceed with developing an overall detailed site map for the Lyman Street Area that will include the following information:

- Existing buildings, structures;
- Paved, gravel and unpaved areas;
- Surface elevations and topography;
- 100-year floodplain demarcation;
- Property boundaries and easements (e.g., utility);
- Selected utilities (e.g., manholes, catch basins, telephone poles, etc.);
- Existing soil sampling locations; and
- Other prominent site features.

3.4 Schedule for Future Activities

GE proposes to conduct the supplemental soil investigations described in Section 3.2 and present the results in a letter report to EPA within 45 days from receipt of EPA approval of this Pre-Design Report. This schedule assumes that no major weather-related delays are encountered and that no significant additional data needs are identified based on comments from EPA. If these or other factors cause a delay in the schedule proposed above, GE will notify EPA and propose for EPA approval a revised schedule.

In addition, in accordance with a prior agreement between GE and EPA under Paragraph 56.b of the CD (as documented in a letter from GE to EPA dated February 15, 2002), GE is required to provide a notice to EPA and MDEP following submission of the Pre-Design Report as to whether the owners of the non-GE-owned properties within this RAA would agree to execute and record Grants of Environmental Restrictions and Easements (EREs) on their properties if the conditions for EREs (i.e., not achieving residential standards) are met. This notice is due one month after submission of the Pre-Design Report or at such other time as is proposed by GE and approved by EPA at the time of submission of that report. GE has contacted each of the non-GE property owners at the Lyman Street Area regarding this matter and is awaiting their responses. GE proposes to defer the required notice to EPA and MDEP on this matter until one month after submission of the letter report (discussed above) presenting the results of the supplemental soil sampling.

GE further proposes to submit the Conceptual RD/RA Work Plan for the Lyman Street Area Removal Action within six months after submission of the letter report presenting the results of the supplemental soil sampling (or at such other time as may be proposed in that letter). The contents of the Conceptual RD/RA Work Plan will be consistent with Section 3.3 of the SOW and address the following topics:

- Results of the pre-design studies/investigations;
- An evaluation of the areas and depths subject to response actions to meet the PCB-related Performance Standards set forth in the CD and the SOW;
- An assessment of topography and property boundary mapping;
- An evaluation of the need for additional response actions to address non-PCB constituents and (if needed) the type of such response actions;
- An evaluation of other issues that may affect the type and extent of response actions;
- Preliminary plans and specifications to support the response actions;
- Summary of preliminary response action quantities, including soil removal, capping areas, etc.;
- Design assumptions and parameters; and
- Identification of Applicable or Relevant and Appropriate Requirements (ARARs) in accordance with Attachment B to the SOW.

Tables

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TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-A26	0-1	9/5/2002	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	0.044 [0.028 J]	0.044 [0.028 J]
RAA12-A28	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.48	0.46	0.94
RAA12-AA4	0-1	8/15/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.15	0.072	0.222
RAA12-B25	0-1	9/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.064	0.073	0.137
RAA12-B26	0-1	9/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.13	0.14	0.27
	1-3	9/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	9/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	9/3/2002	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	0.018 J [ND(0.044)]	ND(0.044) [ND(0.044)]	0.018 J [ND(0.044)]
	10-15	9/3/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA12-B28	0-1	9/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.25	0.31	0.56
	1-3	9/3/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	9/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	9/3/2002	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	10-15	9/3/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-B29	0-1	9/5/2002	R	R	R	R	R	0.11 J	0.17 J	0.28 J
RAA12-C26	0-1	8/27/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	9.8	3.3	13.1
RAA12-C26W	0-1	3/18/2003	ND(0.22) [ND(0.045)]	ND(0.22) [ND(0.045)]	ND(0.22) [ND(0.045)]	ND(0.22) [ND(0.045)]	ND(0.22) [ND(0.045)]	1.8 [1.2]	0.90 [0.58]	2.7 [1.78]
RAA12-C27	0-1	8/27/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.098	0.090	0.188
RAA12-D27	0-1	8/27/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.031 J	0.031 J
RAA12-D28	0-1	9/3/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.25	0.28	0.53
	1-3	9/3/2002	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
	3-6	9/3/2002	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-10	9/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	9/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-D30	0-1	9/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.56	0.74
	1-3	9/5/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.052	0.052
	3-6	9/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.070	0.070
	6-10	9/5/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	9/5/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-E25	0-1	9/4/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	1.5	0.55	2.05
RAA12-E25N	0-1	3/19/2003	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	1.5	0.44	1.94
RAA12-E28	0-1	8/27/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.43	1.2	1.63
RAA12-E29	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.49	1.1	1.59
RAA12-E30	0-1	8/27/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.13	0.13	0.26
RAA12-F23	0-1	9/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.49	ND(0.040)	0.49
RAA12-F24	0-1	9/4/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.068	ND(0.041)	0.068
	1-3	9/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	9/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-10	9/4/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	9/4/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-F26	0-1	8/9/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.53	0.41	0.94
	1-3	8/9/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	8/9/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.042	ND(0.036)	0.042
	6-10	8/9/2002	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]
	10-12	8/9/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-F27	0-1	8/8/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.28	0.13	0.41
RAA12-F28	1-3	8/30/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	3-6	8/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	8/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	8/30/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-F29	0-1	8/27/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	12	15	27
RAA12-F31	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.11	0.063	0.173
RAA12-F32	1-3	9/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.14	0.12	0.26
	3-6	9/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	9/3/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	9/3/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)

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PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-G22	0-1	8/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.013 J	0.013 J
RAA12-G23	0-1	8/5/2002	ND(0.038) [ND(0.037)]	ND(0.038) [ND(0.037)]	ND(0.038) [ND(0.037)]	ND(0.038) [ND(0.037)]	ND(0.038) [ND(0.037)]	0.023 J [0.061]	ND(0.038) [0.041]	0.023 J [0.102]
RAA12-G24	0-1	9/4/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.048	ND(0.038)	0.048
RAA12-G25	0-1	8/21/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	0.36	0.36
RAA12-G26	0-1	8/8/2002	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	0.27 J [0.078 J]	ND(0.034) [ND(0.034)]	0.27 J [0.078 J]
RAA12-G27	0-1	8/9/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	58	58
RAA12-G28	0-1	8/8/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	6.0	5.2	11.2
RAA12-G29	0-1	8/27/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.60	1.5	2.1
RAA12-G31	0-1	8/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.4	1.4
RAA12-G32	0-1	8/27/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	3.2	7.0	10.2
RAA12-H21	0-1	8/5/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.024 J	0.024 J
RAA12-H22	0-1	8/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.072	0.072
	1-3	8/5/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	3-6	8/5/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-10	8/5/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.011 J	0.011 J
	10-15	8/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-H23	0-1	8/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.027 J	0.022 J	0.049 J
RAA12-H24	10-15	9/4/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-H26	0-1	8/9/2002	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	2.0	1.3	3.3
	1-3	8/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.38	0.29	0.67
	3-6	8/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	8/9/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.15	ND(0.040)	0.15
	10-15	8/9/2002	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
RAA12-H28	0-1	8/9/2002	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	3.8	2.2	6.0
	1-3	8/9/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	8/9/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	8/9/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-12	8/9/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA12-H32	0-1	8/30/2002	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	4.5	2.9	7.4
	1-3	8/30/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.14	0.11	0.25
	3-6	8/30/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	8/30/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	8/30/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA12-H33	0-1	8/27/2002	ND(0.70) [ND(1.7)]	ND(0.70) [ND(1.7)]	ND(0.70) [ND(1.7)]	ND(0.70) [ND(1.7)]	ND(0.70) [ND(1.7)]	13 J [5.6 J]	18 J [10 J]	31 J [15.6 J]
RAA12-H34	6-10	8/30/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.024 J	ND(0.040)	0.024 J
	10-15	8/30/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA12-I13	0-1	12/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-I14	0-1	12/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-I20	0-1	8/5/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-I21	0-1	8/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.033 J	0.044	0.077
RAA12-I22	0-1	8/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.092	0.055	0.147
RAA12-I24	0-1	9/4/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
RAA12-I25	0-1	8/13/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	8.1	ND(0.35)	8.1
RAA12-I26	0-1	8/21/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.056	ND(0.034)	0.056
RAA12-I27	0-1	8/8/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	4.4	3.3	7.7
RAA12-I29	0-1	8/8/2002	ND(170)	ND(170)	ND(170)	ND(170)	ND(170)	1400	ND(170)	1400
RAA12-I31	0-1	8/27/2002	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	17	24	41
RAA12-I32	0-1	8/30/2002	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	15	7.0	22
RAA12-I34	0-1	8/27/2002	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	18	7.4	25.4
RAA12-J11	0-1	12/6/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.026 J	0.055	0.081
RAA12-J12	0-1	12/4/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.021 J	0.045	0.066
	1-3	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	12/4/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-10	12/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	12/4/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-J13	0-1	12/13/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-J14	0-1	12/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.042	0.022 J	0.064
	1-3	12/4/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	12/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.019 J	ND(0.040)	0.019 J
	6-10	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	10-15	12/4/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-J15	0-1	12/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.089	0.050	0.139
RAA12-J16	0-1	12/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.038 J	0.077	0.115
	1-3	12/13/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.59	0.34	0.93
	3-6	12/13/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	1.4	0.50	1.9
	6-10	12/13/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	10-15	12/13/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA12-J17	0-1	12/13/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.11	0.11	0.22
RAA12-J18	0-1	12/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.090	0.12	0.21
	1-3	12/9/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.079	0.054	0.133
	3-6	12/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	12/9/2002	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]	ND(0.041) [ND(0.039)]
	10-15	12/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-J19	0-1	8/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.8	0.94	2.74
RAA12-J19N	0-1	3/18/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.8	0.85	2.65
RAA12-J21	0-1	8/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.091	0.026 J	0.117
RAA12-J22	0-1	9/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	9/4/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.051	ND(0.041)	0.051
	3-6	9/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	9/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	9/4/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-J23	0-1	9/4/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-J25	0-1	8/21/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.044	ND(0.034)	0.044
RAA12-J26	0-1	8/12/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.20	ND(0.034)	0.20
	1-3	8/12/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	8.3	5.7	14
	3-6	8/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.19	0.18	0.37
	6-10	8/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	8/12/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA12-J27	0-1	8/8/2002	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	ND(7.1)	72	ND(7.1)	72
RAA12-J28	0-1	8/12/2002	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	5.7	1.6	7.3
	1-3	8/12/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	8/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	8/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	8/12/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA12-J29	0-1	8/8/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	27	ND(3.6)	27
RAA12-K9	0-1	12/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-K10	0-1	12/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.022 J	0.022 J
RAA12-K11	0-1	12/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-K12	0-1	12/13/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.14	0.14
RAA12-K14	0-1	12/6/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.095	0.095
RAA12-K15	0-1	12/6/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-K16	0-1	12/13/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.21	0.096	0.306
RAA12-K17	0-1	9/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.11	0.22
RAA12-K18	0-1	9/11/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.079	0.046	0.125
RAA12-K19	0-1	9/11/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA12-K20	0-1	9/9/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.14	0.063	0.203
RAA12-K22	0-1	9/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.61	0.19	0.80
RAA12-K23	0-1	8/21/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	150	ND(18)	150
RAA12-K24	0-1	8/21/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.072	ND(0.034)	0.072
RAA12-K25	0-1	8/9/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.32	0.16	0.48

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-K26	0-1	8/9/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	ND(0.036)	0.22
RAA12-K28	0-1	8/8/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	1.8	ND(0.36)	1.8
RAA12-K29	0-1	8/8/2002	ND(7.0)	ND(7.0)	ND(7.0)	ND(7.0)	ND(7.0)	48	16	64
RAA12-L7	0-1	12/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-L8	0-1	12/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-3	12/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	12/11/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	12/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-L9	0-1	12/11/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-L10	0-1	12/11/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.024 J [ND(0.036)]	0.038 [0.017 J]	0.062 [0.017 J]
	1-3	12/11/2002	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	3-6	12/11/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-10	12/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/11/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA12-L11	0-1	12/13/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-L12	0-1	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.054	0.054
	1-3	12/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	12/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	12/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	12/11/2002	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]
RAA12-L13	0-1	12/13/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.16	ND(0.035)	0.16
RAA12-L14	0-1	12/4/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.13
	1-3	12/4/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.46	0.15	0.61
	3-6	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-10	12/4/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	12/4/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA12-L15	0-1	12/6/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.13	0.079	0.209
RAA12-L16	0-1	9/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	9/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	9/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	9/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	9/11/2002	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA12-L17	0-1	9/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.047	ND(0.036)	0.047
RAA12-L18	0-1	9/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.051	0.051	0.102
	1-3	9/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.68	0.36	1.04
	3-6	9/11/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-10	9/11/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	10-15	9/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.079	ND(0.039)	0.079
RAA12-L19	0-1	9/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.44	0.26	0.70
RAA12-L20	0-1	9/4/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.24	0.064	0.304
	1-3	9/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	9/4/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	9/4/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	10-15	9/4/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
RAA12-L22	0-1	9/20/2002	ND(35)	ND(35)	ND(35)	ND(35)	ND(35)	760	ND(35)	760
	1-3	9/20/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	0.80	ND(0.35)	0.80
	3-6	9/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.20	ND(0.036)	0.20
	6-10	9/20/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.023 J	ND(0.035)	0.023 J
	10-15	9/20/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.030 J	ND(0.036)	0.030 J
RAA12-L24	3-6	8/13/2002	ND(400) [ND(970)]	ND(400) [ND(970)]	ND(400) [ND(970)]	ND(400) [ND(970)]	ND(400) [ND(970)]	3800 [2600]	ND(400) [ND(970)]	3800 [2600]
	6-8	8/13/2002	ND(950)	ND(950)	ND(950)	ND(950)	ND(950)	11000	ND(950)	11000
RAA12-L25	0-1	8/9/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.40	0.11	0.51

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-L26	3-6	8/12/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	4.6	1.5	6.1
	6-10	8/12/2002	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	760	160	920
	10-15	8/12/2002	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	1900	450	2350
RAA12-L27	0-1	8/9/2002	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	3.9	6.7	10.6
RAA12-L28	0-1	8/26/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	23	ND(1.8)	23
	1-3	8/26/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	4.7	2.4	7.1
	3-6	8/26/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.053	0.023 J	0.076
	6-10	8/26/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	8/26/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-L30	3-6	8/26/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	8/26/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	2.5	ND(0.37)	2.5
	10-15	8/26/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-M7	0-1	12/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	0.012 J
RAA12-M8	0-1	12/10/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.012 J	0.0096 J	0.0216 J
RAA12-M9	0-1	12/13/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-M10	0-1	12/11/2002	ND(0.73) [ND(0.36)]	ND(0.73) [ND(0.36)]	ND(0.73) [ND(0.36)]	ND(0.73) [ND(0.36)]	ND(0.73) [ND(0.36)]	5.4 J [1.0 J]	8.2 J [2.8 J]	13.6 J [3.8 J]
RAA12-M11	0-1	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-M12	0-1	12/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-M13	0-1	12/13/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-M14	0-1	12/4/2002	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	0.042 [0.054]	0.039 [0.032 J]	0.081 [0.086]
RAA12-M15	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-M16	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.032 J	ND(0.036)	0.032 J
RAA12-M17	0-1	12/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.071	0.034 J	0.105
RAA12-M19	0-1	9/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-M20	0-1	9/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.27	0.19	0.46
	1-3	9/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	9/11/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	9/11/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	9/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-M21	0-1	8/9/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	2.7	0.83	3.53
RAA12-M22	0-1	8/9/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	140	ND(18)	140
RAA12-M23	0-1	8/9/2002	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	0.99	ND(0.34)	0.99
RAA12-M24	0-1	8/9/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	430	ND(18)	430
RAA12-M25	0-1	8/13/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	2.8	ND(0.17)	2.8
RAA12-M26	0-1	8/8/2002	ND(35)	ND(35)	ND(35)	ND(35)	ND(35)	310	78	388
RAA12-M27	0-1	8/21/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.5	ND(0.18)	1.5
RAA12-N4	0-1	12/16/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.020 J	0.047	0.067
	1-3	12/16/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.059	0.075	0.134
	3-6	12/16/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-10	12/16/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-N5	0-1	12/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-N7	0-1	12/13/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.27	0.49	0.76
RAA12-N8	0-1	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	12/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.033 J	0.042	0.075
	3-6	12/11/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	12/11/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-N9	0-1	12/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.11	ND(0.036)	0.11
RAA12-N10	0-1	12/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	12/12/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	3-6	12/12/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	12/12/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/12/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA12-N11	0-1	12/13/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.28	0.15	0.43

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-N12	0-1	12/12/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.042	0.162
	1-3	12/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.016 J	ND(0.036)	0.016 J
	3-6	12/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	12/12/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.062	ND(0.046)	0.062
	10-15	12/12/2002	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	0.022 J	ND(0.057)	0.022 J
RAA12-N13	0-1	12/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.019 J	0.019 J
RAA12-N14	0-1	12/4/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.075	0.043	0.118
	1-3	12/4/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.069	0.055	0.124
	3-6	12/4/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	12/4/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	10-15	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA12-N15	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.25	0.073	0.323
RAA12-N16	0-1	12/10/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	12/10/2002	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]
	3-6	12/10/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	12/10/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	10-15	12/10/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA12-N17	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.018 J	ND(0.036)	0.018 J
RAA12-N18	0-1	12/3/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.13	0.083	0.213
	1-3	12/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	12/3/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.34	0.14	0.48
	6-10	12/3/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.053	ND(0.049)	0.053
	10-15	12/3/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.019 J	ND(0.045)	0.019 J
RAA12-N19	0-1	9/9/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.069	0.054	0.123
RAA12-N21	0-1	9/9/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.073	0.064	0.137
RAA12-N23	0-1	8/13/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	3.4	ND(0.18)	3.4
RAA12-N25	0-1	8/13/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	1.4	ND(0.034)	1.4
RAA12-O2	0-1	12/17/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.010 J	0.013 J	0.023 J
RAA12-O3	0-1	12/16/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-O4	0-1	12/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-O5	0-1	12/16/2002	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]
RAA12-O6	0-1	12/17/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-O8	0-1	12/12/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-O9	0-1	12/12/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA12-O11	0-1	12/12/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.060	ND(0.037)	0.060
RAA12-O12	0-1	12/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.031 J	ND(0.036)	0.031 J
	1-3	12/5/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.16	ND(0.035)	0.16
	3-6	12/5/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	5.3	ND(2.1)	5.3
	6-10	12/5/2002	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
	10-15	12/5/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA12-O13	0-1	12/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.023 J	ND(0.038)	0.023 J
	1-3	12/3/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	12/3/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.041 J	ND(0.042)	0.041 J
	6-10	12/3/2002	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]	ND(0.048) [ND(0.046)]
	10-15	12/3/2002	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA12-O14	0-1	12/3/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	12/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	12/3/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.077	0.036 J	0.113
	6-10	12/3/2002	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
	10-15	12/3/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-O15	0-1	12/4/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.12	0.089	0.209
	3-6	12/4/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-10	12/4/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	10-15	12/4/2002	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-O16	0-1	12/2/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.048	ND(0.043)	0.048
RAA12-O17	0-1	12/5/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.035 J	ND(0.035)	0.035 J
RAA12-O22	0-1	8/7/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.40	0.28	0.68
RAA12-O23	0-1	8/21/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	12	ND(0.36)	12
RAA12-P3	0-1	12/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-P4	0-1	12/16/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	1-3	12/16/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	3-6	12/16/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-10	12/16/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/16/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-P5	0-1	12/16/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.029 J	0.029 J
RAA12-P6	0-1	12/16/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.048	0.048
	1-3	12/16/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.64	0.67	1.31
	3-6	12/16/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-10	12/16/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-P8	0-1	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	12/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.011 J	ND(0.040)	0.011 J
	3-6	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	12/11/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	12/11/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-P9	0-1	12/13/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-P12	0-1	12/10/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	12/10/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	12/10/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	1.1	0.86	1.96
	6-10	12/10/2002	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	10-15	12/10/2002	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)
RAA12-P13	0-1	12/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.14	0.14
	1-3	12/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.052	0.068	0.12
	3-6	12/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.077	0.080	0.157
	6-10	12/5/2002	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	0.27 J	0.25 J	0.52 J
	10-15	12/5/2002	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]	ND(0.064) [ND(0.062)]
RAA12-P14	0-1	12/5/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.036 J	0.042	0.078
	1-3	12/5/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.097	0.073	0.17
	3-6	12/5/2002	ND(0.048) J	ND(0.048) J	ND(0.048) J	ND(0.048) J	ND(0.048) J	ND(0.048) J	0.028 J	0.028 J
	6-10	12/5/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	10-15	12/5/2002	ND(0.071)	ND(0.071)	ND(0.071)	ND(0.071)	ND(0.071)	ND(0.071)	ND(0.071)	ND(0.071)
RAA12-P15	0-1	12/5/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.33	0.26	0.59
	1-3	12/5/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.36	0.29	0.65
	3-6	12/5/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.18	0.15	0.33
	6-10	12/5/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	10-15	12/5/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-P21	0-1	8/7/2002	ND(0.038)	ND(0.038)	ND(0.038)	0.32	ND(0.038)	0.56	0.64	1.52
RAA12-P23	0-1	8/7/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.33	0.23	0.56
RAA12-Q3	0-1	12/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-Q4	0-1	12/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.058	0.058
RAA12-Q5	0-1	12/17/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-Q6	0-1	12/17/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA12-Q7	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.069	0.12	0.189
RAA12-Q8	0-1	12/2/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.71	0.51	1.22
RAA12-Q11	0-1	12/2/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA12-Q12	0-1	12/2/2002	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) J [0.10 J]	ND(0.035) [ND(0.035)]	ND(0.035) J [0.10 J]

TABLE 1
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PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-Q13	0-1	12/5/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	12/5/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.45	0.41	0.86
	3-6	12/5/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	1.9	2.1	4.0
	6-10	12/5/2002	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	0.22	0.15	0.37
	10-15	12/5/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA12-Q20	0-1	8/7/2002	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	2.0	1.8	3.8
RAA12-Q21	0-1	8/7/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.060	0.040	0.10
RAA12-Q22	0-1	8/7/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.82	0.55	1.37
RAA12-Q24	0-1	8/7/2002	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	18	ND(0.69)	18
RAA12-R3	0-1	12/17/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.11	0.080	0.19
RAA12-R4	0-1	12/16/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-3	12/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.019 J	ND(0.039)	0.019 J
	3-6	12/16/2002	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]
	6-10	12/16/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	12/16/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-R5	0-1	12/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-R7	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.022 J	0.041	0.063
RAA12-R8	0-1	12/10/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.026 J	0.024 J	0.050 J
	1-3	12/10/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.14	ND(0.042)	0.14
	3-6	12/10/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	12/10/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	12/10/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-R9	0-1	12/2/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.077	0.049	0.126
RAA12-R10	0-1	12/10/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-3	12/10/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.76	0.76
	3-6	12/10/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.52	0.26	0.78
	6-10	12/10/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.32	0.22	0.54
	10-15	12/10/2002	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA12-R11	0-1	12/2/2002	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	0.16 J	0.10 J	0.26 J
RAA12-R12	0-1	12/9/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.054	ND(0.039)	0.054
	1-3	12/9/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	3.1	0.94	4.04
	3-6	12/9/2002	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.8	2.6	4.4
	6-10	12/9/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.62	0.35	0.97
	10-15	12/9/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-R13	0-1	12/9/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	12/9/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.3	0.76	2.06
	3-6	12/9/2002	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.4	1.2	4.6
	6-10	12/9/2002	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.9	0.31	2.21
	10-15	12/9/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.045	ND(0.042)	0.045
RAA12-R17	0-1	8/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.092	0.071	0.163
RAA12-R18	0-1	8/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	8/6/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.68	0.33	1.01
	3-6	8/6/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-10	8/6/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	8/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-R19	0-1	8/7/2002	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	1.1	1.2	2.3
RAA12-R21	0-1	8/7/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.56	0.51	1.07
RAA12-S3	0-1	12/17/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.028 J	0.029 J	0.057 J
RAA12-S4	0-1	12/17/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-S5	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.013 J	ND(0.035)	0.013 J
RAA12-S6	0-1	8/27/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.099	0.14	0.239
RAA12-S7	0-1	8/27/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.12	0.073	0.193
RAA12-S8	0-1	9/10/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA12-S9	0-1	9/10/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.019 J	0.015 J	0.034 J
RAA12-S10	0-1	9/10/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.4	0.91	3.31

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-S11	0-1	9/10/2002	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	28	9.5	37.5
RAA12-S12	0-1	9/10/2002	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	17	8.3	25.3
RAA12-S13	0-1	8/7/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	430	430
	1-3	8/7/2002	ND(1.9) [ND(2.0)]	ND(1.9) [ND(2.0)]	ND(1.9) [ND(2.0)]	ND(1.9) [ND(2.0)]	ND(1.9) [ND(2.0)]	68 J [30 J]	ND(1.9) [ND(2.0)]	68 J [30 J]
	3-6	8/7/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	15	4.4	19.4
	6-10	8/7/2002	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	4.1	0.97	5.07
	10-15	8/7/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-S14	0-1	8/6/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	1.8	3.9	5.7
	1-3	8/6/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	52	ND(3.6)	52
	3-6	8/6/2002	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	7.3	4.2	11.5
	6-10	8/6/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.071	0.029 J	0.10
	10-15	8/6/2002	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	0.35	0.16	0.51
RAA12-S15	0-1	8/6/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.45	0.46	0.91
	1-3	8/6/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	34	73	107
	3-6	8/6/2002	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	11	31	42
	6-10	8/6/2002	ND(0.54) [ND(0.53)]	ND(0.54) [ND(0.53)]	ND(0.54) [ND(0.53)]	ND(0.54) [ND(0.53)]	ND(0.54) [ND(0.53)]	6.1 J [2.5 J]	3.2 J [0.84 J]	9.3 J [3.34 J]
	10-15	8/6/2002	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.040 J	0.040 J
RAA12-S16	0-1	8/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.29	0.26	0.55
	1-3	8/6/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.1	0.86	1.96
	3-6	8/6/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	13	9.3	22.3
	6-10	8/6/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.014 J	0.014 J
	10-15	8/6/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-S18	0-1	8/6/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.24	0.21	0.45
RAA12-T3	0-1	12/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.27	0.29	0.56
RAA12-T4	0-1	8/23/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.031 J	0.036 J	0.067 J
	1-3	8/23/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	16	16
	3-6	8/23/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-10	8/23/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	10-15	8/23/2002	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA12-T5	0-1	8/26/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.014 J	0.048	0.062
RAA12-T6	0-1	8/23/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.16	0.11	0.27
	1-3	8/23/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	8/23/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	8/23/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.52	ND(0.040)	0.52
	10-15	8/23/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA12-T7	0-1	8/26/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.1	0.57	1.67
RAA12-T8	0-1	8/23/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.074	0.043	0.117
	1-3	8/23/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.0	0.81	2.81
	3-6	8/23/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.26	0.21	0.47
	6-10	8/23/2002	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	22	22
	10-15	8/23/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.14	0.14	0.28
RAA12-T10	0-1	9/10/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.4	1.7	4.1
	1-3	9/10/2002	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	24	27	51
	3-6	9/10/2002	ND(0.50) [ND(0.87)]	ND(0.50) [ND(0.87)]	ND(0.50) [ND(0.87)]	ND(0.50) [ND(0.87)]	ND(0.50) [ND(0.87)]	7.1 [8.2]	5.9 [6.3]	13 [14.5]
	6-10	9/10/2002	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	10-15	9/10/2002	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.029 J	ND(0.047)	0.029 J
RAA12-U1	0-1	8/22/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.15	0.50	0.65
RAA12-U2	0-1	8/22/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA12-U3	0-1	8/26/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.81	0.81
RAA12-U4	0-1	8/22/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.012 J	0.012 J
RAA12-U5	0-1	8/22/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [0.034 J]	ND(0.036) [ND(0.036)]	ND(0.036) [0.034 J]
RAA12-U6	0-1	8/22/2002	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	61	ND(3.5)	61

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PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA12-U7	0-1	8/26/2002	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	0.078 [0.059]	0.037 [0.035 J]	0.115 [0.094]
RAA12-U8	0-1	8/21/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	6.7	3.8	10.5
RAA12-V1	0-1	8/22/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.11	0.063	0.173
RAA12-V2	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.050	0.10	0.15
	1-3	8/22/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.50	0.45	0.95
	3-6	8/22/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.21	0.14	0.35
	6-10	8/22/2002	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]	ND(0.068) [ND(0.060)]
	10-15	8/22/2002	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)
RAA12-V3	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.36	0.92	1.28
RAA12-V4	0-1	8/22/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	12	5.6	17.6
	1-3	8/22/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	7.5	7.5
	3-6	8/22/2002	R	R	R	R	R	R	R	R
	6-10	8/22/2002	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
	10-15	8/22/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-V5	0-1	8/26/2002	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	66	29	95
RAA12-V6	0-1	8/23/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	3.1	3.3	6.4
	1-3	8/23/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.5	2.0	4.5
	3-6	8/23/2002	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	44	ND(4.1)	44
	6-10	8/23/2002	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	78	ND(10)	78
	10-15	8/23/2002	ND(0.94) [ND(2.3)]	ND(0.94) [ND(2.3)]	ND(0.94) [ND(2.3)]	ND(0.94) [ND(2.3)]	ND(0.94) [ND(2.3)]	ND(0.94) [ND(2.3)]	3.8 J [7.2 J]	3.8 J [7.2 J]
RAA12-W1	0-1	8/14/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.18	ND(0.035)	0.18
RAA12-W2	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.070	0.16	0.23
RAA12-W3	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.36	0.87	1.23
RAA12-W4	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.12	0.19	0.31
RAA12-W5	0-1	8/22/2002	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	2.7	1.1	3.8
RAA12-W6	0-1	8/14/2002	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	18	16	34
RAA12-X2	0-1	8/22/2002	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.48	0.22	0.70
	1-3	8/22/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.10	0.049	0.149
	3-6	8/22/2002	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.30	0.11	0.41
	6-10	8/22/2002	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)	0.022 J	ND(0.064)	0.022 J
	10-15	8/22/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA12-X3	0-1	8/22/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.070	0.11	0.18
RAA12-X4	1-3	8/22/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.21	0.32	0.53
	3-6	8/22/2002	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.51	0.27	0.78
	6-10	8/22/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	8/22/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-X5	0-1	8/14/2002	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	10	ND(3.7)	10
RAA12-X6	3-6	8/20/2002	ND(13) [ND(13)]	ND(13) [ND(13)]	ND(13) [ND(13)]	ND(13) [ND(13)]	ND(13) [ND(13)]	210 [260]	49 [ND(13)]	259 [260]
	6-10	8/20/2002	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.26	ND(0.048)	0.26
	10-15	8/20/2002	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	1.3	1.3
RAA12-Y2	0-1	8/14/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.65	0.49	1.14
RAA12-Y3	0-1	8/14/2002	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	3.8	5.3	9.1
RAA12-Y4	0-1	8/21/2002	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	0.96	1.9	2.86
RAA12-Z3	0-1	8/15/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.36	0.23	0.59
RAA12-Z4	0-1	8/21/2002	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	0.70	1.6	2.3
	1-3	8/21/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	0.43	0.43
	3-6	8/21/2002	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.27	0.24	0.51
	6-10	8/21/2002	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	10-15	8/21/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA12-ZZ28	0-1	9/3/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.28	0.39	0.67
	1-3	9/3/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.090	0.13	0.22
	3-6	9/3/2002	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	9/3/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	10-15	9/3/2002	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs .
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-A28 0-1 08/27/02	RAA12-B26 0-1 09/03/02	RAA12-B26 1-3 09/03/02	RAA12-B26 6-8 09/03/02	RAA12-B26 6-10 09/03/02
Volatile Organics					
Acetone	0.014 J	ND(0.022)	ND(0.022)	ND(0.026) [ND(0.026)]	NA
Benzene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Carbon Disulfide	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Chlorobenzene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Tetrachloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Toluene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Trichloroethene	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Vinyl Chloride	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Xylenes (total)	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0066) [ND(0.0066)]	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
1,3-Dichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
1,4-Dichlorobenzene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
2-Methylnaphthalene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
2-Methylphenol	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
3&4-Methylphenol	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]
Acenaphthene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Acenaphthylene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Aniline	0.51	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Anthracene	0.60	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Benzo(a)anthracene	1.6	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Benzo(a)pyrene	1.1	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Benzo(b)fluoranthene	1.4	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Benzo(g,h,i)perylene	0.92	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Benzo(k)fluoranthene	1.0	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.44) [ND(0.44)]
Butylbenzylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Chrysene	1.7	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Dibenzofuran	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Di-n-Butylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Di-n-Octylphthalate	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Fluoranthene	2.4	0.16 J	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Fluorene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Indeno(1,2,3-cd)pyrene	0.88	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Naphthalene	ND(0.35)	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]
Phenacetin	ND(0.70)	ND(0.73)	ND(0.74)	NA	ND(0.88) [ND(0.89)]
Phenanthrene	2.1	ND(0.36)	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Pyrene	3.6	0.23 J	ND(0.37)	NA	ND(0.44) [ND(0.44)]
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-A28 0-1 08/27/02	RAA12-B26 0-1 09/03/02	RAA12-B26 1-3 09/03/02	RAA12-B26 6-8 09/03/02	RAA12-B26 6-10 09/03/02
Furans					
2,3,7,8-TCDF	0.000065 Y	0.000027 Y	0.0000084 Y	NA	ND(0.00000022) [ND(0.00000028)]
TCDFs (total)	0.00048	0.00029	0.000099	NA	ND(0.00000022) [ND(0.00000028)]
1,2,3,7,8-PeCDF	0.000028	0.000014	0.0000059	NA	ND(0.00000055) [ND(0.00000060)]
2,3,4,7,8-PeCDF	0.000042	0.000020 Q	0.0000088 Q	NA	ND(0.00000055) [ND(0.00000060)]
PeCDFs (total)	0.00048 Q	0.00024 Q	0.000086 Q	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,4,7,8-HxCDF	0.000039	0.000014	0.0000045	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,6,7,8-HxCDF	0.000023	0.0000098	0.0000034	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,7,8,9-HxCDF	0.0000061	0.0000024 J	0.0000011 J	NA	ND(0.00000055) [ND(0.00000060)]
2,3,4,6,7,8-HxCDF	0.000028	0.000011	0.0000036	NA	ND(0.00000055) [ND(0.00000060)]
HxCDFs (total)	0.00036	0.00014	0.000036	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,4,6,7,8-HpCDF	0.000076	0.000024	0.0000065	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,4,7,8,9-HpCDF	0.0000076	0.0000026 J	0.00000058 J	NA	ND(0.00000055) [ND(0.00000060)]
HpCDFs (total)	0.00013	0.000042	0.0000094	NA	ND(0.00000055) [ND(0.00000060)]
OCDF	0.000057	0.000022	0.0000022 J	NA	ND(0.0000011) [ND(0.0000012)]
Dioxins					
2,3,7,8-TCDD	0.0000012 J	0.00000078 J	ND(0.00000043) X	NA	ND(0.00000029) [ND(0.00000028)]
TCDDs (total)	0.000018	0.000012	0.0000035	NA	ND(0.00000029) [ND(0.00000028)]
1,2,3,7,8-PeCDD	0.0000026 J	0.0000019 J	0.00000098 J	NA	ND(0.00000055) [ND(0.00000060)]
PeCDDs (total)	0.000036 Q	0.000016 Q	0.0000088 Q	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,4,7,8-HxCDD	0.0000030 J	0.0000010 J	0.00000052 J	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,6,7,8-HxCDD	0.0000037 J	0.0000017 J	0.00000071 J	NA	ND(0.00000055) [ND(0.00000060)]
1,2,3,7,8,9-HxCDD	0.0000031 J	0.0000012 J	0.00000053 J	NA	ND(0.00000055) [ND(0.00000060)]
HxCDDs (total)	0.000061	0.000020	0.0000086	NA	ND(0.00000061) [ND(0.00000091)]
1,2,3,4,6,7,8-HpCDD	0.000024	0.000014	0.0000019 J	NA	ND(0.00000055) [ND(0.00000060)]
HpCDDs (total)	0.000048	0.000041	0.0000037	NA	ND(0.00000055) [ND(0.00000060)]
OCDD	0.00010	0.000080	ND(0.0000032)	NA	ND(0.0000013) [ND(0.0000013)]
Total TEQs (WHO TEFs)	0.000044	0.000021	0.0000083	NA	0.00000078 [0.00000084]
Inorganics					
Antimony	1.70 B	1.70 B	1.60 B	NA	ND(6.00) [ND(6.00)]
Arsenic	6.10	5.80	4.80	NA	1.90 [2.40]
Barium	110	450	310	NA	27.0 [28.0]
Beryllium	0.280 B	0.170 B	0.180 B	NA	0.330 B [ND(0.500)]
Cadmium	0.890	0.710	0.570	NA	0.410 B [ND(0.500)]
Chromium	11.0	11.0	9.40	NA	10.0 [13.0]
Cobalt	6.20	8.10	6.90	NA	7.90 [10.0]
Copper	97.0	26.0	26.0	NA	16.0 [23.0]
Cyanide	0.240	0.290	ND(0.550)	NA	ND(0.130) [ND(0.130)]
Lead	280	250	230	NA	6.00 [8.80]
Mercury	0.400	0.310	0.270	NA	ND(0.130) [ND(0.130)]
Nickel	17.0	13.0	10.0	NA	16.0 [18.0]
Selenium	0.940 B	0.500 J	0.550 J	NA	ND(1.00) J [0.690 J]
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide	18.0	42.0	520	NA	36.0 [34.0]
Thallium	ND(1.00)	ND(1.60)	ND(1.60)	NA	ND(2.00) [ND(2.00)]
Tin	30.0	ND(10.0)	ND(10.0)	NA	ND(10.0) [ND(10.0)]
Vanadium	14.0	5.20	7.60	NA	11.0 [14.0]
Zinc	230	260	230	NA	51.0 [59.0]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-C27 0-1 08/27/02	RAA12-D28 0-1 09/03/02	RAA12-D28 3-4 09/03/02	RAA12-D28 3-6 09/03/02	RAA12-D28 10-12 09/03/02	RAA12-D28 10-15 09/03/02	RAA12-D30 0-1 09/05/02
Volatile Organics							
Acetone	0.012 J	ND(0.030)	0.020 J	NA	ND(0.023)	NA	ND(0.022) J
Benzene	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Carbon Disulfide	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Chlorobenzene	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Toluene	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	0.0029 J	NA	ND(0.0055)
Trichloroethene	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Vinyl Chloride	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Xylenes (total)	ND(0.0058)	ND(0.0074)	ND(0.0072)	NA	ND(0.0058)	NA	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
1,2,4-Trichlorobenzene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)
1,3-Dichlorobenzene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
1,4-Dichlorobenzene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
2-Methylnaphthalene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
2-Methylphenol	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
3&4-Methylphenol	ND(1.0)	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)
Acenaphthene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38) J	ND(0.36)
Acenaphthylene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Aniline	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Anthracene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Benzo(a)anthracene	0.76 J	0.24 J	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Benzo(a)pyrene	0.47 J	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.17 J
Benzo(b)fluoranthene	0.74 J	0.29 J	NA	ND(0.48)	NA	ND(0.38)	0.19 J
Benzo(g,h,i)perylene	0.34 J	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.14 J
Benzo(k)fluoranthene	0.51 J	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.11 J
bis(2-Ethylhexyl)phthalate	ND(0.52)	ND(0.49)	NA	ND(0.47)	NA	ND(0.38)	ND(0.36)
Butylbenzylphthalate	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Chrysene	0.96 J	0.21 J	NA	ND(0.48)	NA	ND(0.38)	0.24 J
Dibenzo(a,h)anthracene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Dibenzofuran	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Di-n-Butylphthalate	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Di-n-Octylphthalate	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Fluoranthene	1.1	0.22 J	NA	ND(0.48)	NA	ND(0.38)	0.25 J
Fluorene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.36 J	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
Naphthalene	ND(1.0)	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	ND(0.36)
p-Dimethylaminoazobenzene	ND(1.0)	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)
Phenacetin	ND(1.0)	ND(1.0)	NA	ND(0.96)	NA	ND(0.77)	ND(0.74)
Phenanthrene	0.83 J	ND(0.50)	NA	ND(0.48)	NA	ND(0.38)	0.088 J
Pyrene	2.3	0.30 J	NA	ND(0.48)	NA	ND(0.38) J	0.25 J
Organochlorine Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-C27 0-1 08/27/02	RAA12-D28 0-1 09/03/02	RAA12-D28 3-4 09/03/02	RAA12-D28 3-6 09/03/02	RAA12-D28 10-12 09/03/02	RAA12-D28 10-15 09/03/02	RAA12-D30 0-1 09/05/02
Furans							
2,3,7,8-TCDF	0.000039 Y	0.000025 Y	NA	ND(0.0000022)	NA	ND(0.00000029)	0.00014 Y
TCDFs (total)	0.00035	0.00030	NA	ND(0.0000022)	NA	ND(0.00000029)	0.0014 I
1,2,3,7,8-PeCDF	0.000015	0.000011	NA	ND(0.0000010) X	NA	ND(0.00000055)	0.000060
2,3,4,7,8-PeCDF	0.000026	0.000020	NA	0.0000014 J	NA	ND(0.00000055)	0.000098
PeCDFs (total)	0.00031 Q	0.00025 Q	NA	0.0000040 QI	NA	ND(0.00000055)	0.0012 QI
1,2,3,4,7,8-HxCDF	0.000021	0.000012	NA	0.0000011 J	NA	ND(0.00000055)	0.000079
1,2,3,6,7,8-HxCDF	0.000013	0.0000080	NA	0.0000016 J	NA	ND(0.00000055)	0.000048
1,2,3,7,8,9-HxCDF	0.0000032	0.0000022 J	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000095
2,3,4,6,7,8-HxCDF	0.000017	0.000011	NA	0.0000011 J	NA	ND(0.00000055)	0.000077
HxCDFs (total)	0.00023	0.00015	NA	0.0000059 I	NA	ND(0.00000055)	0.0010
1,2,3,4,6,7,8-HpCDF	0.000044	0.000033	NA	0.0000028 J	NA	ND(0.00000055)	0.00014
1,2,3,4,7,8,9-HpCDF	0.0000046	0.0000028 J	NA	ND(0.0000030)	NA	ND(0.00000055)	0.000017
HpCDFs (total)	0.000091	0.000079	NA	0.0000028	NA	ND(0.00000055)	0.00028
OCDF	0.000065	0.000066	NA	ND(0.0000061)	NA	ND(0.0000011)	0.00016
Dioxins							
2,3,7,8-TCDD	0.00000087 J	0.0000090	NA	ND(0.0000016)	NA	ND(0.00000042)	0.000022
TCDDs (total)	0.000011	0.000059	NA	ND(0.0000034)	NA	ND(0.00000065)	0.000066
1,2,3,7,8-PeCDD	ND(0.0000012) X	0.0000047	NA	ND(0.0000030)	NA	ND(0.00000055)	ND(0.0000043) X
PeCDDs (total)	0.000015 Q	0.000083 Q	NA	ND(0.0000055) Q	NA	ND(0.00000089)	0.000041 Q
1,2,3,4,7,8-HxCDD	0.0000014 J	0.0000046	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000041 J
1,2,3,6,7,8-HxCDD	0.0000023 J	0.0000062	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000079
1,2,3,7,8,9-HxCDD	0.0000019 J	0.0000075	NA	ND(0.0000030)	NA	ND(0.00000055)	0.0000063
HxCDDs (total)	0.000022	0.00011	NA	ND(0.0000079)	NA	ND(0.0000010)	0.000088
1,2,3,4,6,7,8-HpCDD	0.000028	0.000053	NA	0.0000032 J	NA	0.00000027 J	0.000099
HpCDDs (total)	0.000053	0.00011	NA	0.0000032	NA	0.00000051	0.00020
OCDD	0.00016	0.00025	NA	0.000011 J	NA	ND(0.0000021)	0.00060
Total TEQs (WHO TEFs)	0.000026	0.000033	NA	0.0000042	NA	0.00000085	0.00012
Inorganics							
Antimony	1.10 B	ND(6.00)	NA	2.60 B	NA	ND(6.00)	14.0
Arsenic	5.20	13.0	NA	4.60	NA	4.90	7.10
Barium	56.0	190	NA	78.0	NA	11.0 B	100
Beryllium	0.340 B	0.760	NA	0.430 B	NA	0.170 B	0.350 B
Cadmium	0.710	1.10	NA	0.530	NA	0.250 B	3.10
Chromium	8.80	14.0	NA	13.0	NA	7.00	11.0
Cobalt	6.20	7.50	NA	9.20	NA	6.80	8.10
Copper	36.0	110	NA	20.0	NA	11.0	77.0
Cyanide	0.210	ND(0.150)	NA	ND(0.140)	NA	ND(0.120)	0.580
Lead	110	340	NA	610	NA	6.00	370
Mercury	0.180	0.740	NA	0.110 B	NA	ND(0.120)	0.350
Nickel	12.0	19.0	NA	15.0	NA	10.0	14.0
Selenium	0.680 B	1.20 J	NA	1.20 J	NA	0.610 J	ND(1.00) J
Silver	ND(1.00)	ND(1.10)	NA	ND(1.10)	NA	ND(1.00)	ND(1.00)
Sulfide	37.0	64.0	NA	220	NA	28.0	37.0
Thallium	ND(1.20)	ND(2.20)	NA	ND(2.20)	NA	ND(1.70)	ND(1.10) J
Tin	ND(10.0)	28.0	NA	140	NA	ND(10.0)	ND(10.0)
Vanadium	13.0	20.0	NA	13.0	NA	4.10 B	20.0
Zinc	120	370	NA	94.0	NA	30.0	880

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-D30 6-10 09/05/02	RAA12-D30 8-10 09/05/02	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02
Volatile Organics							
Acetone	NA	ND(0.023) J	0.021	ND(0.024) J	NA	ND(0.026) J	ND(0.022)
Benzene	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Carbon Disulfide	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054) J
Chlorobenzene	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Tetrachloroethene	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Toluene	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Trichloroethene	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Vinyl Chloride	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Xylenes (total)	NA	ND(0.0057)	ND(0.0052)	ND(0.0061)	NA	ND(0.0065)	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
1,3-Dichlorobenzene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
1,4-Dichlorobenzene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
2-Methylnaphthalene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
2-Methylphenol	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
3&4-Methylphenol	ND(0.77)	NA	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)
Acenaphthene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Acenaphthylene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Aniline	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Anthracene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Benzo(a)anthracene	ND(0.38)	NA	0.17 J	ND(0.41)	ND(0.43)	NA	0.076 J
Benzo(a)pyrene	ND(0.38)	NA	0.12 J	ND(0.41)	ND(0.43)	NA	ND(0.36)
Benzo(b)fluoranthene	ND(0.38)	NA	0.15 J	ND(0.41)	0.10 J	NA	ND(0.36)
Benzo(g,h,i)perylene	ND(0.38)	NA	0.13 J	ND(0.41)	ND(0.43)	NA	ND(0.36)
Benzo(k)fluoranthene	ND(0.38)	NA	0.15 J	ND(0.41)	ND(0.43)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.34)	ND(0.40)	ND(0.43)	NA	ND(0.36)
Butylbenzylphthalate	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Chrysene	ND(0.38)	NA	0.24 J	ND(0.41)	ND(0.43)	NA	0.11 J
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Dibenzofuran	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Di-n-Butylphthalate	ND(0.38)	NA	0.13 J	ND(0.41)	ND(0.43)	NA	ND(0.36)
Di-n-Octylphthalate	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Fluoranthene	ND(0.38)	NA	0.32 J	ND(0.41)	0.11 J	NA	0.16 J
Fluorene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	0.10 J	ND(0.41)	ND(0.43)	NA	ND(0.36)
Naphthalene	ND(0.38)	NA	ND(0.35)	ND(0.41)	ND(0.43)	NA	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.77)	NA	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)
Phenacetin	ND(0.77)	NA	ND(0.70)	ND(0.82)	ND(0.87)	NA	ND(0.73)
Phenanthrene	ND(0.38)	NA	0.22 J	ND(0.41)	ND(0.43)	NA	0.087 J
Pyrene	ND(0.38)	NA	0.39	ND(0.41)	ND(0.43)	NA	0.14 J
Organochlorine Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-D30 6-10 09/05/02	RAA12-D30 8-10 09/05/02	RAA12-E29 0-1 08/27/02	RAA12-F24 0-1 09/04/02	RAA12-F24 3-6 09/04/02	RAA12-F24 4-6 09/04/02	RAA12-F26 1-3 08/09/02
Furans							
2,3,7,8-TCDF	0.0000015 J	NA	0.000039 YQ	0.0000068 YI	0.0000011 J	NA	0.00000066 J
TCDFs (total)	0.0000092	NA	0.00035	0.000060	0.0000065	NA	0.0000064
1,2,3,7,8-PeCDF	0.00000087 J	NA	0.000016 J	0.0000027 J	ND(0.00000061)	NA	0.00000032 J
2,3,4,7,8-PeCDF	0.0000025 J	NA	0.000042	0.0000044 J	0.00000087 J	NA	0.00000057 J
PeCDFs (total)	0.000030	NA	0.00043	0.000051 Q	0.0000092	NA	0.0000046
1,2,3,4,7,8-HxCDF	0.0000013 J	NA	0.000025	0.0000034 J	0.00000057 J	NA	0.00000053 J
1,2,3,6,7,8-HxCDF	0.0000011 J	NA	0.000020 J	0.0000024 J	0.00000043 J	NA	ND(0.00000046) X
1,2,3,7,8,9-HxCDF	ND(0.00000055)	NA	0.0000045 J	ND(0.00000054) X	ND(0.00000061)	NA	ND(0.00000028)
2,3,4,6,7,8-HxCDF	0.0000029 J	NA	0.000034	0.0000033 J	ND(0.00000063) X	NA	0.00000059 J
HxCDFs (total)	0.000036	NA	0.00051	0.000040	0.0000067	NA	0.0000035
1,2,3,4,6,7,8-HpCDF	0.0000034 J	NA	0.000057	0.0000074	0.00000098 J	NA	0.0000012 J
1,2,3,4,7,8,9-HpCDF	0.00000045 J	NA	0.0000068 J	0.00000070 J	ND(0.00000061)	NA	ND(0.00000027)
HpCDFs (total)	0.0000082	NA	0.00013	0.000014	0.00000098	NA	0.0000012
OCDF	0.0000031 J	NA	0.000050	0.000011	0.0000018 J	NA	0.00000095 J
Dioxins							
2,3,7,8-TCDD	ND(0.00000022)	NA	0.0000090	ND(0.00000063) X	ND(0.00000024)	NA	ND(0.00000034)
TCDDs (total)	ND(0.00000038)	NA	0.000011	0.0000028	ND(0.00000060)	NA	0.0000041
1,2,3,7,8-PeCDD	ND(0.00000055)	NA	ND(0.000010) X	0.0000012 J	ND(0.00000061)	NA	0.00000053 J
PeCDDs (total)	ND(0.00000055)	NA	0.0000087	0.0000053 Q	ND(0.00000064)	NA	0.0000096
1,2,3,4,7,8-HxCDD	ND(0.00000055)	NA	0.0000014 J	ND(0.00000051) X	ND(0.00000061)	NA	0.00000077 J
1,2,3,6,7,8-HxCDD	ND(0.00000055)	NA	0.0000029 J	0.0000015 J	ND(0.00000061)	NA	ND(0.00000087) X
1,2,3,7,8,9-HxCDD	ND(0.00000055)	NA	0.0000027 J	0.0000015 J	ND(0.00000061)	NA	0.0000012 J
HxCDDs (total)	0.0000016	NA	0.000032	0.000016	0.00000050	NA	0.000020
1,2,3,4,6,7,8-HpCDD	0.0000028 J	NA	0.000036	0.000015	0.0000015 J	NA	0.000014
HpCDDs (total)	0.0000054	NA	0.000074	0.000028	0.0000028	NA	0.000033
OCDD	0.000017	NA	0.00030	0.000086	ND(0.0000090)	NA	0.00063
Total TEQs (WHO TEFs)	0.0000025	NA	0.000050	0.0000060	0.0000013	NA	0.0000017
Inorganics							
Antimony	ND(6.00)	NA	13.0	ND(6.00)	ND(6.00)	NA	8.20 J
Arsenic	3.20	NA	66.0	4.70	5.80	NA	6.20
Barium	8.60 B	NA	36.0	32.0	29.0	NA	24.0
Beryllium	0.360 B	NA	0.610	0.380 B	0.510	NA	0.210 B
Cadmium	0.400 B	NA	7.50	ND(0.500)	ND(0.500)	NA	0.660
Chromium	5.10	NA	120	11.0	11.0	NA	13.0
Cobalt	6.90	NA	36.0	9.50	16.0	NA	3.20 B
Copper	20.0	NA	450	19.0	26.0	NA	210
Cyanide	ND(0.110)	NA	0.130	ND(0.120)	ND(0.130)	NA	0.0710 B
Lead	10.0	NA	390	26.0	15.0	NA	150
Mercury	ND(0.110)	NA	0.0710 B	0.0920 B	0.0360 B	NA	27.0
Nickel	10.0	NA	89.0	19.0	24.0	NA	48.0
Selenium	ND(1.00) J	NA	3.30	ND(1.00) J	ND(1.00) J	NA	ND(1.00)
Silver	ND(1.00)	NA	0.340 B	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	24.0	NA	84.0	31.0	27.0	NA	30.0
Thallium	ND(1.10) J	NA	ND(1.00)	1.20 B	1.50	NA	ND(1.60)
Tin	ND(10.0)	NA	36.0	ND(10.0)	ND(10.0)	NA	72.0
Vanadium	6.00	NA	150	12.0	13.0	NA	15.0
Zinc	68.0	NA	250	65.0	58.0	NA	97.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02	RAA12-F28 10-12 08/30/02	RAA12-F28 10-15 08/30/02	RAA12-F32 0-1 09/03/02	RAA12-G25 0-1 08/21/02
Volatile Organics						
Acetone	ND(0.022)	ND(0.024)	ND(0.024)	NA	ND(0.022) J	0.016 J
Benzene	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)
Carbon Disulfide	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056) J	ND(0.0052) J
Chlorobenzene	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J
Tetrachloroethene	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)
Toluene	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)
Trichloroethene	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052) J
Vinyl Chloride	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)
Xylenes (total)	ND(0.0056)	ND(0.0060)	ND(0.0061)	NA	ND(0.0056)	ND(0.0052)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35) J
1,3-Dichlorobenzene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
1,4-Dichlorobenzene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
2-Methylnaphthalene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
2-Methylphenol	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
3&4-Methylphenol	ND(0.74)	ND(0.80)	NA	ND(0.82)	ND(0.76)	ND(0.70)
Acenaphthene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35) J
Acenaphthylene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.60
Aniline	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.081 J
Anthracene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.65
Benzo(a)anthracene	0.11 J	ND(0.40)	NA	ND(0.41)	0.10 J	1.5
Benzo(a)pyrene	ND(0.37)	ND(0.40)	NA	ND(0.41)	0.12 J	1.3
Benzo(b)fluoranthene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	1.7 J
Benzo(g,h,i)perylene	0.080 J	ND(0.40)	NA	ND(0.41)	0.098 J	1.2 J
Benzo(k)fluoranthene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	1.1 J
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.39)	NA	ND(0.40)	ND(0.37)	ND(0.34)
Butylbenzylphthalate	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
Chrysene	0.19 J	ND(0.40)	NA	ND(0.41)	0.17 J	2.1
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.39 J
Dibenzofuran	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.096 J
Di-n-Butylphthalate	ND(0.37)	ND(0.40)	NA	ND(0.41)	0.15 J	ND(0.35)
Di-n-Octylphthalate	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	ND(0.35)
Fluoranthene	0.23 J	ND(0.40)	NA	ND(0.41)	0.20 J	2.7
Fluorene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.25 J
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	1.0 J
Naphthalene	ND(0.37)	ND(0.40)	NA	ND(0.41)	ND(0.38)	0.13 J
p-Dimethylaminoazobenzene	ND(0.74)	ND(0.80)	NA	ND(0.82)	ND(0.76)	ND(0.70)
Phenacetin	ND(0.74)	ND(0.80)	NA	ND(0.82)	ND(0.76)	ND(0.70)
Phenanthrene	0.14 J	ND(0.40)	NA	ND(0.41)	0.11 J	2.6
Pyrene	0.26 J	ND(0.40)	NA	ND(0.41)	0.28 J	3.3 J
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-F28 0-1 08/30/02	RAA12-F28 1-3 08/30/02	RAA12-F28 10-12 08/30/02	RAA12-F28 10-15 08/30/02	RAA12-F32 0-1 09/03/02	RAA12-G25 0-1 08/21/02
Furans						
2,3,7,8-TCDF	0.0000024 Y	0.00000040 J	NA	ND(0.0000024)	0.000055 Y	0.000026 YQ
TCDFs (total)	0.000034	0.0000068	NA	0.000017	0.00069	0.00025
1,2,3,7,8-PeCDF	0.0000097	0.00000074 J	NA	0.0000019 J	0.000058	0.000013 J
2,3,4,7,8-PeCDF	0.0000022 J	0.00000066 J	NA	ND(0.0000032) X	0.00012	0.000066 J
PeCDFs (total)	0.000042	0.0000074	NA	0.000021	0.00086 QI	0.00061
1,2,3,4,7,8-HxCDF	0.0000054	0.00000069 J	NA	0.0000026 J	0.00010	0.000019 J
1,2,3,6,7,8-HxCDF	0.0000014 J	0.00000046 J	NA	ND(0.0000027) X	0.000090	0.000019 J
1,2,3,7,8,9-HxCDF	0.00000051 J	0.00000018 J	NA	ND(0.0000028)	0.000015	0.0000053 J
2,3,4,6,7,8-HxCDF	0.0000023 J	0.00000055 J	NA	0.0000030 J	0.00023	0.000073 J
HxCDFs (total)	0.000033	0.0000050	NA	0.000017	0.0028 I	0.00089 Q
1,2,3,4,6,7,8-HpCDF	0.0000046	0.0000016 J	NA	0.000010 J	0.00026	0.000066
1,2,3,4,7,8,9-HpCDF	0.00000051 J	ND(0.00000027)	NA	ND(0.0000028)	0.000028	0.0000072 J
HpCDFs (total)	0.0000084	0.0000016	NA	0.000010	0.00066	0.00018
OCDF	0.0000028 J	0.00000075 J	NA	ND(0.0000038) X	0.000098	0.000050 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000034)	ND(0.00000027)	NA	ND(0.0000023)	0.0000010	ND(0.0000014)
TCDDs (total)	0.0000030	0.00000055	NA	0.0000034	0.000012	ND(0.0000029)
1,2,3,7,8-PeCDD	ND(0.00000055) X	ND(0.00000020) X	NA	ND(0.0000020) X	ND(0.0000039) X	ND(0.0000032) X
PeCDDs (total)	0.0000074	0.0000023	NA	0.000019	0.000023 Q	0.000014 Q
1,2,3,4,7,8-HxCDD	ND(0.00000050) X	0.00000020 J	NA	ND(0.0000018) X	0.0000046	0.0000026 J
1,2,3,6,7,8-HxCDD	0.00000066 J	0.00000032 J	NA	0.0000025 J	0.0000042	0.0000060 J
1,2,3,7,8,9-HxCDD	0.00000061 J	0.00000022 J	NA	0.0000023 J	0.0000038	0.0000052 J
HxCDDs (total)	0.0000076	0.0000044	NA	0.000042	0.000062	0.000067
1,2,3,4,6,7,8-HpCDD	0.000010	0.0000027 J	NA	0.000023 J	0.000042	0.000061
HpCDDs (total)	0.000022	0.0000062	NA	0.000054	0.000088	0.00012
OCDD	0.00099 J	0.00017 J	NA	0.00060 J	0.0014	0.00051 J
Total TEQs (WHO TEFs)	0.0000036	0.00000097	NA	0.0000050	0.00012	0.000053
Inorganics						
Antimony	3.60 B	3.30 B	NA	1.60 B	1.60 B	1.40 J
Arsenic	10.0	13.0	NA	6.00	5.70	5.00
Barium	24.0	23.0	NA	47.0	48.0	68.0 J
Beryllium	0.230 B	0.470 B	NA	0.330 B	0.270 B	0.220 B
Cadmium	6.60	2.80	NA	1.40	0.890	1.30
Chromium	12.0	16.0	NA	13.0	11.0	8.00
Cobalt	4.00 B	5.40	NA	4.40 B	6.40	9.60
Copper	3600	690	NA	180	140	34.0
Cyanide	ND(0.110)	0.120	NA	ND(0.120)	0.0920 B	0.190
Lead	310	160	NA	490	89.0	100 J
Mercury	0.0670 B	ND(0.120)	NA	0.100 B	0.230	0.390
Nickel	55.0	72.0	NA	12.0	19.0	19.0
Selenium	ND(1.00)	0.790 B	NA	ND(1.00)	0.510 J	0.520 B
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	94.0	40.0	NA	410	86.0	28.0
Thallium	ND(1.10)	ND(1.20)	NA	ND(1.20)	ND(1.70)	ND(1.00)
Tin	290	58.0	NA	17.0	ND(10.0)	4.10 B
Vanadium	20.0	24.0	NA	19.0	17.0	16.0 J
Zinc	1200	590	NA	390	170	110 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-G27 0-1 08/09/02	RAA12-G29 0-1 08/27/02	RAA12-G31 0-1 08/30/02	RAA12-G31 3-6 08/30/02	RAA12-G31 4-6 08/30/02	RAA12-H22 0-1 08/05/02	RAA12-H22 1-3 08/05/02
Volatile Organics							
Acetone	0.0075 J	ND(0.021)	ND(0.022)	NA	ND(0.022)	ND(0.022)	ND(0.025)
Benzene	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Carbon Disulfide	ND(0.0054) J	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Chlorobenzene	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Tetrachloroethene	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Toluene	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Trichloroethene	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Vinyl Chloride	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Xylenes (total)	ND(0.0054)	ND(0.0052)	ND(0.0056)	NA	ND(0.0055)	ND(0.0054)	ND(0.0062)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
1,3-Dichlorobenzene	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
1,4-Dichlorobenzene	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
2-Methylnaphthalene	ND(0.36)	0.10 J	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
2-Methylphenol	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
3&4-Methylphenol	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)	NA	ND(0.72)	ND(0.83)
Acenaphthene	ND(0.36)	0.37	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Acenaphthylene	0.51	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Aniline	ND(0.36)	0.23 J	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Anthracene	0.39	0.79	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Benzo(a)anthracene	4.5	1.1	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Benzo(a)pyrene	3.6	0.70	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Benzo(b)fluoranthene	2.5	0.70	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Benzo(g,h,i)perylene	2.9	0.59	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Benzo(k)fluoranthene	3.8	0.74	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.34)	ND(0.37)	ND(0.36)	NA	ND(0.36)	ND(0.41)
Butylbenzylphthalate	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Chrysene	4.5	1.3	0.14 J	ND(0.37)	NA	ND(0.36)	ND(0.41)
Dibenzo(a,h)anthracene	0.57	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Dibenzofuran	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Di-n-Butylphthalate	ND(0.36)	0.092 J	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Di-n-Octylphthalate	ND(0.36)	ND(0.35)	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Fluoranthene	4.5	2.0	0.11 J	ND(0.37)	NA	ND(0.36)	ND(0.41)
Fluorene	0.13 J	0.38	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Indeno(1,2,3-cd)pyrene	2.1	0.49	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Naphthalene	ND(0.36)	0.34 J	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)	NA	ND(0.72)	ND(0.83)
Phenacetin	ND(0.73)	ND(0.70)	ND(0.75)	ND(0.74)	NA	ND(0.72)	ND(0.83)
Phenanthrene	1.6	3.1	ND(0.48)	ND(0.37)	NA	ND(0.36)	ND(0.41)
Pyrene	12	3.5	0.13 J	ND(0.37)	NA	ND(0.36)	ND(0.41)
Organochlorine Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-G27 0-1 08/09/02	RAA12-G29 0-1 08/27/02	RAA12-G31 0-1 08/30/02	RAA12-G31 3-6 08/30/02	RAA12-G31 4-6 08/30/02	RAA12-H22 0-1 08/05/02	RAA12-H22 1-3 08/05/02
Furans							
2,3,7,8-TCDF	0.000057 YQ	0.000041 Y	0.000011 Y	0.0000022 Y	NA	0.00000042 J	ND(0.00000023)
TCDFs (total)	0.00036	0.00018	0.00011	0.000021	NA	0.0000018	ND(0.00000023)
1,2,3,7,8-PeCDF	0.000026	0.000020	0.000026	0.0000047	NA	0.00000032 J	ND(0.00000027)
2,3,4,7,8-PeCDF	0.00011	0.000039	0.000011	0.0000025 J	NA	0.00000026 J	ND(0.00000027)
PeCDFs (total)	0.0012 Q	0.00029 QI	0.00020 Q	0.000036	NA	0.00000086	ND(0.00000027)
1,2,3,4,7,8-HxCDF	0.00018	0.000037	0.000016	0.0000036	NA	0.00000027 J	ND(0.00000027)
1,2,3,6,7,8-HxCDF	0.000076	0.000026	0.0000064	0.0000014 J	NA	ND(0.00000018)	ND(0.00000027)
1,2,3,7,8,9-HxCDF	0.000017 JQ	0.0000062 Q	0.0000017 J	0.00000036 J	NA	ND(0.00000033)	ND(0.00000027)
2,3,4,6,7,8-HxCDF	0.00015	0.000054	0.000015	0.0000026 J	NA	ND(0.00000018)	ND(0.00000027)
HxCDFs (total)	0.0021 Q	0.00066 Q	0.00025	0.000041	NA	0.0000017	ND(0.00000027)
1,2,3,4,6,7,8-HpCDF	0.00031	0.000096	0.000069	0.000013	NA	ND(0.00000032)	ND(0.00000027)
1,2,3,4,7,8,9-HpCDF	0.00013	0.000015	0.0000048	0.0000011 J	NA	ND(0.00000029)	ND(0.00000027)
HpCDFs (total)	0.00083	0.00020	0.00032	0.000059	NA	0.00000032	ND(0.00000027)
OCDF	0.00080	0.00010	0.00040	0.000082	NA	0.00000036 J	ND(0.00000055)
Dioxins							
2,3,7,8-TCDD	ND(0.0000038)	0.00000041 J	ND(0.00000054) X	ND(0.00000034)	NA	ND(0.00000031)	ND(0.00000030)
TCDDs (total)	0.0000031	0.0000053	0.000014	0.0000030	NA	ND(0.00000033)	ND(0.00000032)
1,2,3,7,8-PeCDD	0.0000049 J	0.0000020 J	ND(0.0000032) X	ND(0.0000010) X	NA	ND(0.00000029)	ND(0.00000027)
PeCDDs (total)	0.000035 Q	0.000020 Q	0.000054	0.000012	NA	ND(0.00000044)	ND(0.00000045)
1,2,3,4,7,8-HxCDD	0.0000035 J	0.0000023 J	0.000018	0.0000032	NA	ND(0.00000046)	ND(0.00000034)
1,2,3,6,7,8-HxCDD	0.0000062 J	0.0000034	0.000021	0.0000042	NA	ND(0.00000041)	ND(0.00000030)
1,2,3,7,8,9-HxCDD	0.0000055 J	0.0000033	0.000011	0.0000024 J	NA	ND(0.00000041)	ND(0.00000031)
HxCDDs (total)	0.000058	0.000045 Q	0.00050	0.000097	NA	ND(0.00000042)	ND(0.00000049)
1,2,3,4,6,7,8-HpCDD	0.000044	0.000034	0.00090	0.00018	NA	0.00000052 J	ND(0.00000024) X
HpCDDs (total)	0.000093	0.000065	0.0034	0.00066	NA	0.00000095	ND(0.00000027)
OCDD	0.00099	0.00099	0.0078 EJ	0.0022 J	NA	ND(0.0000037)	ND(0.0000017)
Total TEQs (WHO TEFs)	0.00012	0.000042	0.000029	0.0000063	NA	0.00000062	0.00000048
Inorganics							
Antimony	2.80 J	1.80 B	1.40 B	1.20 B	NA	ND(6.00)	ND(6.00)
Arsenic	7.50	6.60	4.20	4.30	NA	2.70	4.60
Barium	53.0	36.0	23.0	48.0	NA	14.0 B	25.0
Beryllium	0.290 B	0.200 B	0.170 B	0.340 B	NA	0.320 B	0.550
Cadmium	1.40	2.00	1.10	3.00	NA	0.440 B	0.720
Chromium	15.0	12.0	8.40	15.0	NA	7.50	12.0
Cobalt	5.00	3.70 B	2.60 B	2.80 B	NA	6.30	11.0
Copper	170	250	60.0	35.0	NA	10.0	17.0
Cyanide	0.100 B	ND(0.100)	0.120	ND(0.110)	NA	ND(0.110)	ND(0.120)
Lead	120	170	360	880	NA	12.0	7.60
Mercury	2.60	0.100 B	0.210	0.0430 B	NA	ND(0.110)	ND(0.120)
Nickel	35.0	34.0	6.70	7.90	NA	11.0	18.0
Selenium	ND(1.00)	0.920 B	ND(1.00)	0.590 B	NA	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	200	87.0	75.0	220	NA	17.0	26.0
Thallium	ND(1.60)	ND(1.00)	ND(1.10)	ND(1.10)	NA	ND(1.60)	0.980 B
Tin	20.0	ND(16.0)	ND(10.0)	ND(10.0)	NA	3.40 B	4.00 B
Vanadium	21.0	14.0	12.0	16.0	NA	7.80	13.0
Zinc	220	360	71.0	89.0	NA	39.0	53.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA12-H24	RAA12-H26	RAA12-H28	RAA12-H28	RAA12-H28	RAA12-H30
Sample Depth(Feet):	0-1	0-1	3-6	4-6	6-10	0-1
Parameter Date Collected:	09/04/02	08/09/02	08/09/02	08/09/02	08/09/02	09/09/02
Volatile Organics						
Acetone	0.012 J	ND(0.021)	NA	0.013 J	NA	ND(0.021) J
Benzene	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Carbon Disulfide	ND(0.0057)	ND(0.0052) J	NA	ND(0.0055) J	NA	ND(0.0052) J
Chlorobenzene	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Tetrachloroethene	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Toluene	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Trichloroethene	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Vinyl Chloride	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Xylenes (total)	ND(0.0057)	ND(0.0052)	NA	ND(0.0055)	NA	ND(0.0052) J
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
1,3-Dichlorobenzene	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
1,4-Dichlorobenzene	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
2-Methylnaphthalene	ND(0.38)	0.12 J	ND(0.37)	NA	ND(0.39)	ND(0.35)
2-Methylphenol	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
3&4-Methylphenol	ND(0.76)	ND(0.69)	ND(0.74)	NA	ND(0.78)	ND(0.70)
Acenaphthene	ND(0.38)	0.22 J	ND(0.37)	NA	ND(0.39)	ND(0.35)
Acenaphthylene	ND(0.38)	1.2	ND(0.37)	NA	ND(0.39)	ND(0.35)
Aniline	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
Anthracene	ND(0.38)	1.3	ND(0.37)	NA	ND(0.39)	ND(0.35)
Benzo(a)anthracene	0.086 J	5.1	ND(0.37)	NA	ND(0.39)	0.21 J
Benzo(a)pyrene	ND(0.38)	2.9	ND(0.37)	NA	ND(0.39)	0.32 J
Benzo(b)fluoranthene	0.21 J	3.3	ND(0.37)	NA	ND(0.39)	0.37
Benzo(g,h,i)perylene	ND(0.38)	2.8	ND(0.37)	NA	ND(0.39)	0.27 J
Benzo(k)fluoranthene	ND(0.38)	3.2	ND(0.37)	NA	ND(0.39)	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.34)	ND(0.36)	NA	ND(0.38)	ND(0.34)
Butylbenzylphthalate	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
Chrysene	0.18 J	4.9	0.092 J	NA	ND(0.39)	0.45
Dibenzo(a,h)anthracene	ND(0.38)	0.67	ND(0.37)	NA	ND(0.39)	ND(0.35)
Dibenzofuran	ND(0.38)	0.58	ND(0.37)	NA	ND(0.39)	ND(0.35)
Di-n-Butylphthalate	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
Di-n-Octylphthalate	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
Fluoranthene	0.20 J	13	0.22 J	NA	ND(0.39)	0.52
Fluorene	ND(0.38)	1.6	ND(0.37)	NA	ND(0.39)	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.38)	2.0	ND(0.37)	NA	ND(0.39)	0.17 J
Naphthalene	ND(0.38)	ND(0.34)	ND(0.37)	NA	ND(0.39)	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.69)	ND(0.74)	NA	ND(0.78)	ND(0.70)
Phenacetin	ND(0.76)	ND(0.69)	ND(0.74)	NA	ND(0.78)	ND(0.70)
Phenanthrene	0.11 J	14	0.29 J	NA	ND(0.39)	0.20 J
Pyrene	0.17 J	18	0.22 J	NA	ND(0.39)	0.49
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	--
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	--
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	ND(0.33) J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H24 0-1 09/04/02	RAA12-H26 0-1 08/09/02	RAA12-H28 3-6 08/09/02	RAA12-H28 4-6 08/09/02	RAA12-H28 6-10 08/09/02	RAA12-H30 0-1 09/09/02
Furans						
2,3,7,8-TCDF	0.0000022 Y	0.000088 YQ	0.00000041 J	NA	ND(0.00000025)	0.000017 Y
TCDFs (total)	0.000015	0.00062	0.0000018	NA	ND(0.00000024)	0.00016
1,2,3,7,8-PeCDF	0.00000074 J	0.000034	ND(0.00000022) X	NA	0.00000011 J	0.000012
2,3,4,7,8-PeCDF	0.0000015 J	0.00013	0.00000030 J	NA	ND(0.00000015) X	0.000017
PeCDFs (total)	0.000015	0.0016 QI	0.0000017	NA	0.00000024	0.00020 Q
1,2,3,4,7,8-HxCDF	0.00000096 J	0.000071	0.00000027 J	NA	0.00000019 J	0.000014
1,2,3,6,7,8-HxCDF	0.00000081 J	0.000058	0.00000023 J	NA	0.00000015 J	0.0000094
1,2,3,7,8,9-HxCDF	ND(0.00000020) X	0.000013 JQ	ND(0.00000028)	NA	ND(0.00000033)	0.0000024 J
2,3,4,6,7,8-HxCDF	0.0000011 J	0.00016	0.00000026 J	NA	ND(0.00000033)	0.000017
HxCDFs (total)	0.000015	0.0022 Q	0.0000015	NA	0.0000010	0.00022
1,2,3,4,6,7,8-HpCDF	0.0000036 J	0.00017	0.00000049 J	NA	0.00000078 J	0.000025
1,2,3,4,7,8,9-HpCDF	0.00000035 J	0.000023 J	ND(0.00000028)	NA	ND(0.00000033)	0.0000039
HpCDFs (total)	0.0000085	0.00040	0.00000049	NA	0.0000026	0.000057
OCDF	0.0000070 J	0.000097	ND(0.00000057)	NA	0.0000031 J	0.000025
Dioxins						
2,3,7,8-TCDD	ND(0.00000022)	ND(0.0000032)	ND(0.00000027)	NA	ND(0.00000030)	0.00000034 J
TCDDs (total)	ND(0.00000038)	0.0000045	0.0000011	NA	ND(0.00000034)	0.0000046
1,2,3,7,8-PeCDD	ND(0.00000021) X	ND(0.0000041) X	ND(0.00000021) X	NA	ND(0.00000012) X	ND(0.00000084) X
PeCDDs (total)	0.00000044	0.000021 Q	0.0000028	NA	0.00000077	0.0000069 Q
1,2,3,4,7,8-HxCDD	ND(0.00000028) X	0.0000029 J	ND(0.00000020) X	NA	0.00000018 J	0.00000080 J
1,2,3,6,7,8-HxCDD	0.00000059 J	0.0000053 J	ND(0.00000036) X	NA	0.00000029 J	0.0000013 J
1,2,3,7,8,9-HxCDD	0.00000046 J	0.0000042 J	ND(0.00000040) X	NA	0.00000021 J	0.0000012 J
HxCDDs (total)	0.0000017	0.000058	0.0000017	NA	0.0000017	0.000019
1,2,3,4,6,7,8-HpCDD	0.0000088	0.000030	0.0000045	NA	0.0000048	0.000018
HpCDDs (total)	0.000017	0.000060	0.000012	NA	0.0000094	0.000048
OCDD	0.000055	0.00016	0.00018	NA	0.00014	0.00022
Total TEQs (WHO TEFs)	0.0000018	0.00011	0.00000064	NA	0.00000047	0.000017
Inorganics						
Antimony	ND(6.00)	1.00 J	2.70 J	NA	2.50 J	1.10 B
Arsenic	6.50	3.70	4.90	NA	3.10	6.10
Barium	19.0 B	24.0	66.0	NA	45.0	67.0
Beryllium	0.270 B	0.200 B	0.420 B	NA	0.260 B	0.370 J
Cadmium	ND(0.500)	0.340 B	1.30	NA	0.750	1.50 J
Chromium	7.60	5.40	25.0	NA	13.0	14.0
Cobalt	9.70	6.00	3.50 B	NA	2.30 B	3.90 B
Copper	26.0	44.0	230	NA	54.0	270
Cyanide	ND(0.110)	ND(0.100)	0.120	NA	0.0790 B	0.0990 B
Lead	13.0	9.80	120	NA	120	160
Mercury	ND(0.110)	ND(0.100)	ND(0.110)	NA	0.150	0.420
Nickel	17.0	14.0	37.0	NA	11.0	22.0
Selenium	ND(1.00) J	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	20.0	33.0	380	NA	260	58.0
Thallium	1.40	ND(1.60)	ND(1.60)	NA	ND(1.70)	ND(1.00) J
Tin	ND(10.0)	4.50 B	13.0	NA	8.60 B	17.0
Vanadium	7.10	4.70 B	19.0	NA	12.0	14.0
Zinc	39.0	42.0	97.0	NA	38.0	290

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-H30 6-10 09/09/02	RAA12-H30 8-10 09/09/02	RAA12-H32 0-1 08/30/02	RAA12-H32 1-3 08/30/02	RAA12-H32 6-10 08/30/02	RAA12-H32 8-10 08/30/02	RAA12-H32 10-12 08/30/02
Volatile Organics							
Acetone	NA	0.015 J	ND(0.025)	ND(0.023)	NA	ND(0.023)	ND(0.027)
Benzene	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Carbon Disulfide	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Chlorobenzene	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Tetrachloroethene	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Toluene	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Trichloroethene	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	0.019
Vinyl Chloride	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Xylenes (total)	NA	ND(0.0052)	ND(0.0063)	ND(0.0058)	NA	ND(0.0057)	ND(0.0068)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
1,2,4-Trichlorobenzene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
1,3-Dichlorobenzene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
1,4-Dichlorobenzene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
2-Methylnaphthalene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
2-Methylphenol	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
3&4-Methylphenol	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)	NA	NA
Acenaphthene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Acenaphthylene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Aniline	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Anthracene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Benzo(a)anthracene	0.24 J [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Benzo(a)pyrene	0.37 [0.28 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Benzo(b)fluoranthene	0.72 [0.36]	NA	ND(0.96)	0.37 J	ND(0.38)	NA	NA
Benzo(g,h,i)perylene	0.70 [0.52]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Benzo(k)fluoranthene	0.36 [0.38]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.35) [ND(0.35)]	NA	ND(0.48)	ND(0.51)	ND(0.38)	NA	NA
Butylbenzylphthalate	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Chrysene	0.52 [0.48]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Dibenzo(a,h)anthracene	0.17 J [0.13 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Dibenzofuran	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Di-n-Butylphthalate	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Di-n-Octylphthalate	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Fluoranthene	0.38 [0.35 J]	NA	0.24 J	ND(1.0)	ND(0.38)	NA	NA
Fluorene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Indeno(1,2,3-cd)pyrene	0.40 [0.25 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Naphthalene	ND(0.35) [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
p-Dimethylaminoazobenzene	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)	NA	NA
Phenacetin	ND(0.70) [ND(0.72)]	NA	ND(0.96)	ND(1.0)	ND(0.76)	NA	NA
Phenanthrene	0.14 J [0.092 J]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Pyrene	0.28 J [ND(0.36)]	NA	ND(0.96)	ND(1.0)	ND(0.38)	NA	NA
Organochlorine Pesticides							
None Detected	--	NA	NA	--	NA	NA	NA
Organophosphate Pesticides							
None Detected	--	NA	NA	--	NA	NA	NA
Herbicides							
2,4,5-TP	ND(0.34) [ND(0.34)]	NA	NA	ND(0.37)	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H30 6-10 09/09/02	RAA12-H30 8-10 09/09/02	RAA12-H32 0-1 08/30/02	RAA12-H32 1-3 08/30/02	RAA12-H32 6-10 08/30/02	RAA12-H32 8-10 08/30/02	RAA12-H32 10-12 08/30/02
Furans							
2,3,7,8-TCDF	0.00000050 J	NA	0.000056 Y	0.0000092 Y	ND(0.00000028)	NA	NA
TCDFs (total)	0.0000052	NA	0.00045	0.000091	ND(0.00000028)	NA	NA
1,2,3,7,8-PeCDF	0.00000036 J	NA	0.000024	0.0000047 J	ND(0.00000015) X	NA	NA
2,3,4,7,8-PeCDF	0.00000066 J	NA	0.000067	0.0000055	ND(0.00000017) X	NA	NA
PeCDFs (total)	0.0000052	NA	0.00089 Q	0.000061	ND(0.00000055)	NA	NA
1,2,3,4,7,8-HxCDF	0.00000044 J	NA	0.000037	0.0000064	ND(0.00000055)	NA	NA
1,2,3,6,7,8-HxCDF	0.00000043 J	NA	0.000028	0.0000037 J	ND(0.00000055)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000028)	NA	0.0000099	0.00000099 J	ND(0.00000055)	NA	NA
2,3,4,6,7,8-HxCDF	0.00000047 J	NA	0.000080	0.0000029 J	ND(0.00000055)	NA	NA
HxCDFs (total)	0.0000034	NA	0.0011	0.000042	ND(0.00000055)	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000012 J	NA	0.000096	0.000010	0.00000055 J	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00000013 J	NA	0.000012	0.0000014 J	ND(0.00000055)	NA	NA
HpCDFs (total)	0.0000013	NA	0.00023	0.000017	0.00000055	NA	NA
OCDF	0.00000082 J	NA	0.000072	0.000013	ND(0.0000011)	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000024) X	NA	ND(0.00000071) X	ND(0.00000051) X	ND(0.00000044)	NA	NA
TCDDs (total)	0.0000019	NA	0.0000069	0.000010	ND(0.00000057)	NA	NA
1,2,3,7,8-PeCDD	0.00000034 J	NA	ND(0.0000030) X	0.00000077 J	ND(0.00000055)	NA	NA
PeCDDs (total)	0.0000031	NA	0.000018 Q	0.000012	0.00000070	NA	NA
1,2,3,4,7,8-HxCDD	0.00000048 J	NA	0.0000023 J	ND(0.00000065) X	ND(0.0000010)	NA	NA
1,2,3,6,7,8-HxCDD	0.00000054 J	NA	0.0000036 J	ND(0.0000011) X	ND(0.00000084)	NA	NA
1,2,3,7,8,9-HxCDD	0.00000074 J	NA	0.0000030 J	ND(0.00000077) X	ND(0.00000085)	NA	NA
HxCDDs (total)	0.000011	NA	0.000046	0.000013	0.0000014	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000089	NA	0.000038	0.0000069	0.0000029 J	NA	NA
HpCDDs (total)	0.000020	NA	0.000077	0.000015	0.0000065	NA	NA
OCDD	0.00041	NA	0.00036	0.00011	0.000055 J	NA	NA
Total TEQs (WHO TEFs)	0.0000013	NA	0.000060	0.0000067	0.00000084	NA	NA
Inorganics							
Antimony	2.40 B	NA	2.10 B	1.80 B	1.50 B	NA	NA
Arsenic	15.0	NA	6.70	12.0	13.0	NA	NA
Barium	32.0	NA	78.0	40.0	25.0	NA	NA
Beryllium	0.170 J	NA	0.270 B	0.290 B	0.310 B	NA	NA
Cadmium	2.30	NA	5.00	1.50	0.480 B	NA	NA
Chromium	20.0	NA	19.0	13.0	12.0	NA	NA
Cobalt	7.30	NA	5.60	5.20	8.50	NA	NA
Copper	160	NA	200	150	44.0	NA	NA
Cyanide	0.120	NA	ND(0.250)	0.200	0.120	NA	NA
Lead	50.0	NA	420	150	11.0	NA	NA
Mercury	0.0380 B	NA	0.260	0.150	ND(0.110)	NA	NA
Nickel	17.0	NA	21.0	15.0	42.0	NA	NA
Selenium	1.40 J	NA	ND(1.00)	ND(1.00)	0.690 B	NA	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	NA
Sulfide	140	NA	130	140	150	NA	NA
Thallium	ND(1.00) J	NA	ND(1.20)	ND(1.20)	ND(1.10)	NA	NA
Tin	ND(10.0)	NA	ND(14.0)	ND(13.0)	ND(10.0)	NA	NA
Vanadium	25.0	NA	19.0	15.0	16.0	NA	NA
Zinc	23.0	NA	340	220	24.0	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-H32 10-15 08/30/02	RAA12-I31 0-1 03/25/03	RAA12-I32 3-6 08/30/02	RAA12-I34 0-1 08/27/02	RAA12-J12 0-1 12/04/02	RAA12-J14 0-1 12/04/02
Volatile Organics						
Acetone	NA	ND(0.023)	ND(0.023)	ND(0.021)	ND(0.022)	ND(0.021)
Benzene	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Carbon Disulfide	NA	ND(0.0058) J	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chlorobenzene	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Tetrachloroethene	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Toluene	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	0.020	ND(0.0053)
Trichloroethene	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Vinyl Chloride	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Xylenes (total)	NA	ND(0.0058)	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,3-Dichlorobenzene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
1,4-Dichlorobenzene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Methylnaphthalene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
2-Methylphenol	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
3&4-Methylphenol	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Acenaphthene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Acenaphthylene	ND(0.50)	0.11 J	ND(0.39)	0.20 J	ND(1.3)	ND(0.35)
Aniline	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Anthracene	ND(0.50)	ND(0.39)	ND(0.39)	0.15 J	ND(1.3)	ND(0.35)
Benzo(a)anthracene	ND(0.50)	0.31 J	ND(0.39)	0.65	ND(1.3)	0.14 J
Benzo(a)pyrene	ND(0.50)	0.42	ND(0.39)	0.77	ND(1.3)	0.14 J
Benzo(b)fluoranthene	ND(0.50)	0.28 J	ND(0.39)	0.32 J	ND(1.3)	ND(0.35)
Benzo(g,h,i)perylene	ND(0.50)	0.33 J	ND(0.39)	0.55	ND(1.3)	ND(0.35)
Benzo(k)fluoranthene	ND(0.50)	0.32 J	ND(0.39)	0.44	ND(1.3)	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.45)	ND(0.38)	ND(0.39)	ND(0.35)	0.77	ND(0.35)
Butylbenzylphthalate	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Chrysene	0.12 J	0.34 J	ND(0.39)	0.80	ND(1.3)	0.10 J
Dibenzo(a,h)anthracene	ND(0.50)	0.099 J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Dibenzofuran	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Di-n-Butylphthalate	ND(0.50)	0.28 J	ND(0.39)	0.13 J	0.75 J	ND(0.35)
Di-n-Octylphthalate	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Fluoranthene	ND(0.50)	0.57	ND(0.39)	0.70 J	ND(1.3)	0.13 J
Fluorene	ND(0.50)	ND(0.39)	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.50)	0.23 J	ND(0.39)	0.47	ND(1.3)	0.097 J
Naphthalene	ND(0.50)	0.21 J	ND(0.39)	ND(0.35)	ND(1.3)	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Phenacetin	ND(0.91)	ND(0.78)	ND(0.78)	ND(0.71)	ND(1.3)	ND(0.70)
Phenanthrene	ND(0.50)	0.26 J	ND(0.39)	0.38	ND(1.3)	ND(0.35)
Pyrene	ND(0.50)	0.50	ND(0.39)	1.2	ND(1.3)	0.17 J
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	ND(0.43)	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-H32 10-15 08/30/02	RAA12-I31 0-1 03/25/03	RAA12-I32 3-6 08/30/02	RAA12-I34 0-1 08/27/02	RAA12-J12 0-1 12/04/02	RAA12-J14 0-1 12/04/02
Furans						
2,3,7,8-TCDF	0.00000074 J	0.00012 YJ	ND(0.00000034) X	0.00042 Y	0.0000031 J	0.0000023 J
TCDFs (total)	0.00000074	0.0027	0.00000024	0.035	0.000027	0.000019
1,2,3,7,8-PeCDF	0.00000023 J	0.00074 J	ND(0.00000026) X	0.00034	0.0000012 J	0.0000019 J
2,3,4,7,8-PeCDF	0.00000025 J	0.00013 J	ND(0.00000036) X	0.0074 I	0.0000042 J	0.0000049 J
PeCDFs (total)	0.00000048	0.0028 Q	0.00000098	0.029	0.000044	0.000046
1,2,3,4,7,8-HxCDF	ND(0.00000015) X	0.000075 J	0.00000018 J	0.00034	0.0000016 J	0.0000022 J
1,2,3,6,7,8-HxCDF	ND(0.00000019) X	0.000062	ND(0.00000022) X	0.00077	ND(0.0000017)	ND(0.0000026)
1,2,3,7,8,9-HxCDF	ND(0.00000068)	0.000010 J	ND(0.00000062)	0.00019	ND(0.0000020)	0.0000017 J
2,3,4,6,7,8-HxCDF	ND(0.00000068)	0.00018	0.00000014 J	0.0018	0.0000027 J	ND(0.0000033) X
HxCDFs (total)	ND(0.00000068)	0.0030	0.0000018	0.020	0.000031	0.000032
1,2,3,4,6,7,8-HpCDF	0.00000040 J	0.00022 J	0.00000064 J	0.0012	ND(0.0000033)	0.0000038 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000068)	0.000029	ND(0.00000062)	0.00013	ND(0.0000020)	0.00000086 J
HpCDFs (total)	0.00000040	0.00053	0.00000064	0.0028	ND(0.0000068)	0.0000079
OCDF	ND(0.0000014)	0.00017	ND(0.0000012)	0.00044	0.0000040 J	0.0000045 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000053)	0.0000012 J	ND(0.00000051) X	0.0000048	ND(0.00000079)	ND(0.0000010) X
TCDDs (total)	ND(0.00000092)	0.000040	0.0000032	0.00012	ND(0.0000024)	ND(0.0000030)
1,2,3,7,8-PeCDD	ND(0.00000068)	ND(0.0000044)	0.00000030 J	0.000032	ND(0.0000020)	0.0000015 J
PeCDDs (total)	ND(0.0000012)	0.000037 Q	0.0000069	0.00035	ND(0.0000034)	0.0000015
1,2,3,4,7,8-HxCDD	ND(0.00000077)	ND(0.0000073) J	ND(0.00000082)	0.000026	ND(0.0000020)	0.00000092 J
1,2,3,6,7,8-HxCDD	ND(0.00000068)	ND(0.0000097) X	0.00000061 J	0.000044	ND(0.0000020)	0.0000016 J
1,2,3,7,8,9-HxCDD	ND(0.00000068)	0.0000073 J	ND(0.00000074)	0.000029	ND(0.0000020)	0.0000018 J
HxCDDs (total)	ND(0.00000068)	0.000051	0.000010	0.00048	ND(0.0000042)	0.0000072
1,2,3,4,6,7,8-HpCDD	0.00000086 J	0.000074	0.0000022 J	0.00020	ND(0.0000053)	ND(0.0000045)
HpCDDs (total)	0.0000014	0.00015	0.0000047	0.00041	0.000012	ND(0.0000045)
OCDD	ND(0.0000065) J	0.00050	ND(0.0000049)	0.00078	ND(0.000041)	ND(0.000019)
Total TEQs (WHO TEFs)	0.0000010	0.00015	0.00000091	0.0041	0.0000048	0.0000060
Inorganics						
Antimony	1.50 B	ND(6.00)	1.10 B	2.80 B	ND(6.00)	ND(6.00)
Arsenic	10.0	6.00	3.60	6.00	4.10 J	3.40 J
Barium	42.0	33.0	57.0	46.0	23.0 J	18.0 J
Beryllium	0.390 B	0.170 B	0.300 B	0.230 B	ND(0.50)	ND(0.50)
Cadmium	0.360 B	1.40	0.460 B	2.00	0.610	0.370 B
Chromium	14.0	10.0	4.10	16.0	9.70 J	8.50 J
Cobalt	9.40	4.80 B	3.30 B	5.60	5.00	5.60
Copper	43.0	73.0	91.0	320	29.0	20.0
Cyanide	0.140	0.0780 J	ND(0.230)	0.180	ND(0.220)	0.0720 B
Lead	14.0	70.0	15.0	140	76.0 J	18.0 J
Mercury	0.0840 B	0.300	ND(0.120)	0.410	0.140	0.0430 B
Nickel	19.0	13.0	9.80	13.0	10.0	8.90
Selenium	0.810 B	0.950 J	ND(1.00)	0.640 B	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	0.430 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	360	20.0	51.0	88.0	27.0	31.0
Thallium	ND(1.40)	ND(1.70) J	ND(1.20)	ND(1.00)	ND(1.10) J	ND(1.00) J
Tin	ND(10.0)	24.0	ND(10.0)	28.0	ND(10.0)	ND(10.0)
Vanadium	17.0	12.0	7.80	11.0	9.80	10.0
Zinc	48.0	90.0	8.80 J	350	45.0 J	26.0 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-J14 1-3 12/04/02	RAA12-J14 6-8 12/04/02	RAA12-J14 6-10 12/04/02	RAA12-J16 0-1 12/13/02	RAA12-J17 0-1 12/13/02	RAA12-J22 3-5 09/04/02	RAA12-J22 3-6 09/04/02
Volatile Organics							
Acetone	ND(0.023)	ND(0.026)	NA	ND(0.024)	ND(0.025)	ND(0.021) J	NA
Benzene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Carbon Disulfide	ND(0.0058)	ND(0.0065)	NA	ND(0.0061) J	ND(0.0063) J	ND(0.0052)	NA
Chlorobenzene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Tetrachloroethene	ND(0.0058)	ND(0.0065)	NA	0.0046 J	ND(0.0063)	ND(0.0052)	NA
Toluene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Trichloroethene	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Vinyl Chloride	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Xylenes (total)	ND(0.0058)	ND(0.0065)	NA	ND(0.0061)	ND(0.0063)	ND(0.0052)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
1,3-Dichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
1,4-Dichlorobenzene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
2-Methylnaphthalene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
2-Methylphenol	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
3&4-Methylphenol	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)
Acenaphthene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Acenaphthylene	ND(0.46)	NA	ND(0.43)	0.15 J	ND(0.42)	NA	ND(0.35)
Aniline	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Anthracene	ND(0.46)	NA	ND(0.43)	0.32 J	0.088 J	NA	ND(0.35)
Benzo(a)anthracene	ND(0.46)	NA	ND(0.43)	0.92	0.29 J	NA	ND(0.35)
Benzo(a)pyrene	ND(0.46)	NA	ND(0.43)	0.79	0.25 J	NA	ND(0.35)
Benzo(b)fluoranthene	ND(0.46)	NA	ND(0.43)	0.95	0.35 J	NA	ND(0.35)
Benzo(g,h,i)perylene	ND(0.46)	NA	ND(0.43)	0.43	0.14 J	NA	ND(0.35)
Benzo(k)fluoranthene	ND(0.46)	NA	ND(0.43)	0.40 J	0.14 J	NA	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.43)	ND(0.40)	ND(0.42)	NA	ND(0.35)
Butylbenzylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Chrysene	ND(0.46)	NA	ND(0.43)	0.81	0.23 J	NA	ND(0.35)
Dibenzo(a,h)anthracene	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Dibenzofuran	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Di-n-Butylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Di-n-Octylphthalate	ND(0.46)	NA	ND(0.43)	ND(0.41)	ND(0.42)	NA	ND(0.35)
Fluoranthene	ND(0.46)	NA	ND(0.43)	2.4	0.56	NA	ND(0.35)
Fluorene	ND(0.46)	NA	ND(0.43)	0.12 J	ND(0.42)	NA	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.46)	NA	ND(0.43)	0.39 J	0.15 J	NA	ND(0.35)
Naphthalene	ND(0.46)	NA	ND(0.43)	0.093 J	ND(0.42)	NA	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)
Phenacetin	ND(0.78)	NA	ND(0.87)	ND(0.82)	ND(0.85)	NA	ND(0.70)
Phenanthrene	ND(0.46)	NA	ND(0.43)	1.1	0.26 J	NA	ND(0.35)
Pyrene	ND(0.46)	NA	ND(0.43)	2.1	0.51	NA	ND(0.35)
Organochlorine Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	--
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	NA	--
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	NA	ND(0.34)

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J14 1-3 12/04/02	RAA12-J14 6-8 12/04/02	RAA12-J14 6-10 12/04/02	RAA12-J16 0-1 12/13/02	RAA12-J17 0-1 12/13/02	RAA12-J22 3-5 09/04/02	RAA12-J22 3-6 09/04/02
Furans							
2,3,7,8-TCDF	ND(0.0000016)	NA	0.00000027 J	0.0000064 J	0.000011 Y	NA	0.00000017 J
TCDFs (total)	0.0000038	NA	0.00000027	0.000077	0.000084	NA	0.00000017
1,2,3,7,8-PeCDF	ND(0.00000072) X	NA	ND(0.00000061)	0.0000029 J	0.0000046 J	NA	ND(0.00000025)
2,3,4,7,8-PeCDF	ND(0.0000019)	NA	ND(0.00000061)	0.000015 J	0.0000082 J	NA	ND(0.00000025)
PeCDFs (total)	0.000011	NA	ND(0.00000030)	0.00013	0.00010	NA	ND(0.00000025)
1,2,3,4,7,8-HxCDF	ND(0.0000024)	NA	0.00000013 J	ND(0.0000066) X	0.0000093 J	NA	ND(0.00000025)
1,2,3,6,7,8-HxCDF	ND(0.0000012)	NA	0.00000020 J	0.0000051 J	0.0000082 J	NA	ND(0.00000025)
1,2,3,7,8,9-HxCDF	ND(0.0000024)	NA	ND(0.00000061)	ND(0.0000021) X	ND(0.0000026)	NA	ND(0.00000025)
2,3,4,6,7,8-HxCDF	ND(0.00000082) X	NA	ND(0.00000061)	0.0000091 J	0.000011 J	NA	ND(0.00000025)
HxCDFs (total)	0.0000082	NA	ND(0.00000032)	0.00012	0.00016	NA	ND(0.00000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000016) X	NA	ND(0.00000026)	0.000025	0.000072	NA	ND(0.00000025)
1,2,3,4,7,8,9-HpCDF	ND(0.0000024)	NA	ND(0.00000061)	ND(0.0000028)	0.0000050 J	NA	ND(0.00000025)
HpCDFs (total)	ND(0.0000024)	NA	ND(0.00000026)	0.000081	0.00017	NA	ND(0.00000025)
OCDF	ND(0.0000013) X	NA	ND(0.0000012)	0.000062	0.00012	NA	ND(0.00000050)
Dioxins							
2,3,7,8-TCDD	ND(0.00000098)	NA	ND(0.00000024)	ND(0.0000013)	ND(0.0000015)	NA	ND(0.00000012)
TCDDs (total)	ND(0.0000033)	NA	ND(0.00000024)	0.0000015	ND(0.0000024)	NA	ND(0.00000021)
1,2,3,7,8-PeCDD	ND(0.0000024)	NA	ND(0.00000020) X	ND(0.0000021) X	0.0000030 J	NA	ND(0.00000025)
PeCDDs (total)	ND(0.0000038)	NA	0.00000069	0.0000065	0.0000078	NA	ND(0.00000025)
1,2,3,4,7,8-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000014 J	0.0000059 J	NA	ND(0.00000025)
1,2,3,6,7,8-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000059 J	0.000014 J	NA	ND(0.00000025)
1,2,3,7,8,9-HxCDD	ND(0.0000024)	NA	ND(0.00000061)	0.0000028 J	0.000014 J	NA	ND(0.00000025)
HxCDDs (total)	ND(0.0000045)	NA	ND(0.0000012)	0.000059	0.000076	NA	ND(0.00000034)
1,2,3,4,6,7,8-HpCDD	ND(0.0000026)	NA	ND(0.00000052) X	0.000086	0.00029	NA	0.00000025 J
HpCDDs (total)	ND(0.0000041)	NA	ND(0.00000061)	0.00020	0.00051	NA	0.00000044
OCDD	ND(0.000010)	NA	ND(0.0000037)	0.00084	0.0016	NA	ND(0.0000021)
Total TEQs (WHO TEFs)	0.0000030	NA	0.00000061	0.000014	0.000019	NA	0.00000036
Inorganics							
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	4.00 J	NA	3.10 J	5.20	7.50	NA	10.0
Barium	54.0 J	NA	30.0 J	68.0	73.0	NA	19.0 B
Beryllium	ND(0.50)	NA	ND(0.50)	ND(0.50)	ND(0.50)	NA	0.180 B
Cadmium	0.740	NA	0.580	1.10	0.860	NA	ND(0.500)
Chromium	19.0 J	NA	10.0 J	9.40	9.40	NA	7.50
Cobalt	12.0	NA	12.0	5.50	10.0	NA	8.60
Copper	28.0	NA	20.0	23.0	55.0	NA	22.0
Cyanide	ND(0.120)	NA	ND(0.130)	ND(0.120)	ND(0.250)	NA	ND(0.100)
Lead	13.0 J	NA	16.0 J	140	170	NA	12.0
Mercury	0.0540 B	NA	0.0340 B	0.440	0.250	NA	ND(0.100)
Nickel	22.0	NA	18.0	12.0	15.0	NA	15.0
Selenium	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	ND(1.00)	NA	ND(1.00) J
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	34.0	NA	54.0	12.0	10.0	NA	22.0
Thallium	ND(1.20) J	NA	ND(1.30) J	ND(1.20) J	ND(1.30) J	NA	1.30
Tin	ND(10.0)	NA	ND(10.0)	14.0	13.0	NA	ND(10.0)
Vanadium	27.0	NA	11.0	8.40	13.0	NA	6.00
Zinc	56.0 J	NA	81.0 J	230	170	NA	40.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-8 09/04/02	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02
Volatile Organics						
Acetone	ND(0.021) J	NA	ND(0.020)	NA	ND(0.022) J	ND(0.021) [ND(0.022)]
Benzene	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Carbon Disulfide	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) J [ND(0.0054) J]
Chlorobenzene	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Tetrachloroethene	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Toluene	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Trichloroethene	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [0.0043 J]
Vinyl Chloride	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Xylenes (total)	ND(0.0052)	NA	ND(0.0051)	NA	ND(0.0056)	ND(0.0053) [ND(0.0054)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
1,2,4-Trichlorobenzene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
1,3-Dichlorobenzene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
1,4-Dichlorobenzene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
2-Methylnaphthalene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
2-Methylphenol	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
3&4-Methylphenol	NA	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]
Acenaphthene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Acenaphthylene	NA	ND(0.35)	1.0	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Aniline	NA	ND(0.35)	ND(0.34)	1.0	NA	0.51 [0.59]
Anthracene	NA	ND(0.35)	1.1	ND(0.36)	NA	ND(0.35) [0.27 J]
Benzo(a)anthracene	NA	ND(0.35)	3.8 J	0.38	NA	0.094 J [0.77]
Benzo(a)pyrene	NA	ND(0.35)	2.4 J	0.29 J	NA	0.17 J [0.60]
Benzo(b)fluoranthene	NA	ND(0.35)	2.7 J	0.58	NA	0.13 J [0.79]
Benzo(g,h,i)perylene	NA	ND(0.35)	2.2 J	0.43	NA	0.13 J [0.52]
Benzo(k)fluoranthene	NA	ND(0.35)	2.2 J	0.43	NA	0.14 J [0.60]
bis(2-Ethylhexyl)phthalate	NA	ND(0.34)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Butylbenzylphthalate	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Chrysene	NA	ND(0.35)	3.4 J	0.56	NA	0.15 J [0.77 J]
Dibenzo(a,h)anthracene	NA	ND(0.35)	0.93 J	0.12 J	NA	ND(0.35) [0.18 J]
Dibenzofuran	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Di-n-Butylphthalate	NA	ND(0.35)	ND(0.34)	0.19 J	NA	0.39 [0.54]
Di-n-Octylphthalate	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Fluoranthene	NA	ND(0.35)	3.3	0.54	NA	0.10 J [1.3 J]
Fluorene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
Indeno(1,2,3-cd)pyrene	NA	ND(0.35)	1.9 J	0.30 J	NA	ND(0.35) [0.34 J]
Naphthalene	NA	ND(0.35)	ND(0.34)	ND(0.36)	NA	ND(0.35) [ND(0.36)]
p-Dimethylaminoazobenzene	NA	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) J [ND(0.73) J]
Phenacetin	NA	ND(0.70)	ND(0.69)	ND(0.73)	NA	ND(0.71) [ND(0.73)]
Phenanthrene	NA	ND(0.35)	1.6	0.24 J	NA	0.089 J [1.3 J]
Pyrene	NA	ND(0.35)	5.3 J	0.85	NA	0.32 J [2.4 J]
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J22 6-8 09/04/02	RAA12-J22 6-10 09/04/02	RAA12-J25 0-1 08/21/02	RAA12-J26 3-6 08/12/02	RAA12-J26 4-6 08/12/02	RAA12-J27 0-1 08/08/02
Furans						
2,3,7,8-TCDF	NA	0.00000021 J	0.0000034 J	0.000034 Y	NA	0.00012 Y [0.00011 YQ]
TCDFs (total)	NA	0.00000021	0.000027 I	0.00011	NA	0.00038 [0.00038]
1,2,3,7,8-PeCDF	NA	ND(0.00000026)	ND(0.0000018) X	0.000011	NA	0.000026 [0.000032]
2,3,4,7,8-PeCDF	NA	ND(0.00000026)	0.0000025 JQ	0.000034	NA	0.000061 [0.000063]
PeCDFs (total)	NA	ND(0.00000026)	0.000016 Q	0.00012	NA	0.00068 I [0.00077 QI]
1,2,3,4,7,8-HxCDF	NA	ND(0.00000026)	0.0000021 J	0.000018	NA	0.000050 [0.000077]
1,2,3,6,7,8-HxCDF	NA	ND(0.000000046) X	0.0000018 J	0.0000088	NA	0.000027 J [0.000046 J]
1,2,3,7,8,9-HxCDF	NA	ND(0.00000026)	0.0000012 J	0.0000043	NA	0.000014 [0.000012 Q]
2,3,4,6,7,8-HxCDF	NA	ND(0.00000026)	0.0000016 J	0.0000055	NA	0.000053 [0.000043]
HxCDFs (total)	NA	ND(0.00000026)	0.000022	0.000069	NA	0.00074 [0.0012]
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000026)	0.0000026 J	0.000020	NA	0.000068 [0.00011]
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000026)	ND(0.0000011) X	0.0000051	NA	0.000016 [0.000025]
HpCDFs (total)	NA	ND(0.00000026)	0.0000053	0.000035	NA	0.00018 [0.00030]
OCDF	NA	ND(0.00000052)	ND(0.0000026) X	0.000030	NA	0.000067 [0.00010]
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000010)	ND(0.0000025)	ND(0.00000048)	NA	ND(0.00000057) X [0.00000080 J]
TCDDs (total)	NA	ND(0.00000018)	ND(0.0000025)	0.00000050	NA	0.0000082 [0.0000054]
1,2,3,7,8-PeCDD	NA	ND(0.00000026)	ND(0.00000080) X	ND(0.00000046) X	NA	ND(0.0000034) X [0.0000060]
PeCDDs (total)	NA	ND(0.00000026)	ND(0.0000039)	0.0000050 Q	NA	0.000038 [0.000049 Q]
1,2,3,4,7,8-HxCDD	NA	ND(0.00000026)	ND(0.0000023)	0.00000060 J	NA	0.0000027 J [0.0000039]
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	ND(0.0000023)	0.00000094 J	NA	0.0000073 [0.000012]
1,2,3,7,8,9-HxCDD	NA	ND(0.00000026)	ND(0.0000023)	ND(0.0000011) X	NA	0.0000050 [0.0000078]
HxCDDs (total)	NA	ND(0.00000030)	ND(0.0000074)	0.000012	NA	0.000087 [0.00013]
1,2,3,4,6,7,8-HpCDD	NA	0.00000025 J	0.0000032 J	0.000012	NA	0.000030 [0.000044]
HpCDDs (total)	NA	0.00000042	0.0000032	0.000024	NA	0.000060 [0.000087]
OCDD	NA	ND(0.0000016)	0.000011 J	0.00036	NA	0.00016 [0.00019]
Total TEQs (WHO TEFs)	NA	0.00000036	0.0000044	0.000026	NA	0.000063 [0.000073]
Inorganics						
Antimony	NA	ND(6.00)	ND(6.00) J	2.30 B	NA	16.0 J [33.0 J]
Arsenic	NA	7.10	4.00	5.90	NA	6.00 [6.10]
Barium	NA	14.0 B	20.0 J	40.0	NA	190 J [66.0 J]
Beryllium	NA	0.160 B	0.140 B	0.510	NA	0.270 B [0.270 B]
Cadmium	NA	ND(0.500)	0.370 B	14.0	NA	5.10 [5.50]
Chromium	NA	9.50	5.00	14.0	NA	11.0 J [20.0 J]
Cobalt	NA	14.0	5.10	3.50 B	NA	4.90 B [5.60]
Copper	NA	29.0	12.0	280	NA	5600 J [1700 J]
Cyanide	NA	ND(0.100)	ND(0.100)	0.140	NA	0.0850 B [ND(0.110)]
Lead	NA	10.0	7.10 J	3600	NA	480 [360]
Mercury	NA	ND(0.100)	ND(0.100)	0.0570 B	NA	0.550 J [0.340 J]
Nickel	NA	24.0	9.40	7.20	NA	10.0 J [11.0 J]
Selenium	NA	ND(1.00) J	ND(1.00)	0.830 B	NA	ND(1.00) [ND(1.00)]
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide	NA	20.0	23.0	98.0	NA	43.0 J [10.0 J]
Thallium	NA	ND(1.00)	ND(1.00)	ND(1.60)	NA	ND(1.60) [ND(1.60)]
Tin	NA	ND(10.0)	ND(10.0)	19.0	NA	1000 J [120 J]
Vanadium	NA	7.00	4.80 J	18.0	NA	11.0 [9.40]
Zinc	NA	50.0	31.0 J	330	NA	8300 J [3700 J]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J28 1-3 08/12/02	RAA12-J30 0-1 09/09/02	RAA12-J31 0-1 09/09/02	RAA12-K15 0-1 12/06/02	RAA12-K20 0-1 09/09/02	RAA12-K20 1-3 09/09/02
Volatile Organics						
Acetone	ND(0.024) J	ND(0.022)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.023)
Benzene	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Carbon Disulfide	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Chlorobenzene	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Tetrachloroethene	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Toluene	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Trichloroethene	ND(0.0059)	0.0039 J	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Vinyl Chloride	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Xylenes (total)	ND(0.0059)	ND(0.0054)	ND(0.0053)	ND(0.0053)	ND(0.0053)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
1,3-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
1,4-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
2-Methylnaphthalene	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
2-Methylphenol	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
3&4-Methylphenol	ND(0.79)	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)
Acenaphthene	ND(0.39)	ND(0.36)	0.52	ND(0.36)	ND(0.35)	ND(0.38)
Acenaphthylene	ND(0.39)	0.64	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
Aniline	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
Anthracene	ND(0.39)	0.44	1.2	0.16 J	ND(0.35)	ND(0.38)
Benzo(a)anthracene	0.086 J	2.7	1.8	0.31 J	ND(0.35)	ND(0.38)
Benzo(a)pyrene	ND(0.39)	1.7	1.2	0.29 J	ND(0.35)	ND(0.38)
Benzo(b)fluoranthene	0.35 J	1.5	1.2	ND(0.36)	ND(0.35)	ND(0.38)
Benzo(g,h,i)perylene	ND(0.39)	1.6	0.94	0.19 J	ND(0.35)	ND(0.38)
Benzo(k)fluoranthene	ND(0.39)	1.8	1.4	ND(0.36)	ND(0.35)	ND(0.38)
bis(2-Ethylhexyl)phthalate	0.30 J	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.38)
Butylbenzylphthalate	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
Chrysene	0.20 J	2.8	1.9	0.22 J	ND(0.35)	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.39)	0.42	0.35 J	ND(0.36)	ND(0.35)	ND(0.38)
Dibenzofuran	ND(0.39)	ND(0.36)	0.28 J	ND(0.36)	ND(0.35)	ND(0.38)
Di-n-Butylphthalate	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
Di-n-Octylphthalate	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.36)	ND(0.35)	ND(0.38)
Fluoranthene	0.12 J	4.3	4.3	0.71	0.12 J	ND(0.38)
Fluorene	ND(0.39)	0.14 J	0.56	ND(0.36)	ND(0.35)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.39)	1.1	0.85	0.17 J	ND(0.35)	ND(0.38)
Naphthalene	ND(0.39)	ND(0.36)	0.28 J	ND(0.36)	ND(0.35)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.79)	ND(0.72)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.77)
Phenacetin	ND(0.79)	ND(0.72)	ND(0.71)	ND(0.71) J	ND(0.71)	ND(0.77)
Phenanthrene	ND(0.39)	0.90	4.2	0.63	ND(0.35)	ND(0.38)
Pyrene	0.11 J	6.7	4.5	0.68	0.084 J	ND(0.38)
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-J28 1-3 08/12/02	RAA12-J30 0-1 09/09/02	RAA12-J31 0-1 09/09/02	RAA12-K15 0-1 12/06/02	RAA12-K20 0-1 09/09/02	RAA12-K20 1-3 09/09/02
Furans						
2,3,7,8-TCDF	0.00000064 J	0.000045 Y	0.00028 YQ	0.0000029 J	0.000011 Y	ND(0.00000010)
TCDFs (total)	0.0000044	0.00061	0.0034	0.000027	0.000093	ND(0.00000010)
1,2,3,7,8-PeCDF	0.00000043 J	0.000089	0.00020 I	0.0000014 J	0.0000038	ND(0.00000026)
2,3,4,7,8-PeCDF	0.00000054 J	0.00010	0.00064	0.0000054 J	0.0000059	ND(0.00000026)
PeCDFs (total)	0.0000038 Q	0.00080 Q	0.0050 QI	0.000064	0.000064	ND(0.00000026)
1,2,3,4,7,8-HxCDF	0.00000080 J	0.00019	0.0013	0.0000022 J	0.0000049	ND(0.00000026)
1,2,3,6,7,8-HxCDF	0.00000044 J	0.000079	0.00056	ND(0.0000026) X	0.0000030	ND(0.00000026)
1,2,3,7,8,9-HxCDF	ND(0.00000075)	0.000059	0.00032	ND(0.0000026)	ND(0.00000063) X	ND(0.00000026)
2,3,4,6,7,8-HxCDF	ND(0.00000053) X	0.000031	0.00038	0.0000050 J	0.0000030	ND(0.00000026)
HxCDFs (total)	0.0000052	0.00070	0.0066	0.000064	0.000046	ND(0.00000026)
1,2,3,4,6,7,8-HpCDF	0.0000018 J	0.000053	0.00040	0.000024 J	0.0000092	ND(0.000000089) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000043)	0.000034	0.00017	ND(0.0000013) X	0.0000011 J	ND(0.00000026)
HpCDFs (total)	0.0000038	0.00014	0.0011	0.000070	0.000019	ND(0.00000026)
OCDF	0.0000046 J	0.000023 J	0.00022	0.000064	0.000012	ND(0.00000052)
Dioxins						
2,3,7,8-TCDD	ND(0.00000052)	ND(0.0000020)	ND(0.0000025)	ND(0.0000011)	ND(0.00000013)	ND(0.00000014)
TCDDs (total)	0.0000010	0.000076	0.000062	ND(0.0000032)	0.0000028	ND(0.00000034)
1,2,3,7,8-PeCDD	0.00000015 J	ND(0.0000079) X	ND(0.000012) X	ND(0.0000012) X	0.00000034 J	ND(0.00000026)
PeCDDs (total)	0.0000016 Q	0.000092 Q	0.00012 Q	0.00000055	0.0000030	ND(0.00000038)
1,2,3,4,7,8-HxCDD	ND(0.00000069)	0.0000058 J	0.0000077 J	0.0000020 J	0.00000042 J	ND(0.00000026)
1,2,3,6,7,8-HxCDD	ND(0.00000053) X	0.000010 J	0.000011 J	0.0000050 J	0.00000089 J	ND(0.00000026)
1,2,3,7,8,9-HxCDD	ND(0.00000063)	0.000010 J	0.0000076 J	0.0000025 J	0.00000073 J	ND(0.00000026)
HxCDDs (total)	0.0000029	0.00024	0.00015	0.000016	0.0000054	ND(0.00000060)
1,2,3,4,6,7,8-HpCDD	0.0000058	0.000041	0.00012	0.000094	0.000013	ND(0.00000020)
HpCDDs (total)	0.0000097	0.000086	0.00028	0.00025	0.000032	ND(0.00000032)
OCDD	0.00013	0.000084	0.00076	0.00072	0.00011	ND(0.0000011)
Total TEQs (WHO TEFs)	0.0000011	0.00010	0.00063	0.0000074	0.0000062	0.00000037
Inorganics						
Antimony	2.30 B	ND(6.00)	0.880 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	94.0	11.0	13.0	3.90	5.10	12.0
Barium	110	69.0	50.0	73.0	27.0	49.0
Beryllium	1.00	0.330 J	0.240 J	0.750	0.180 J	0.320 J
Cadmium	1.00	0.680 J	0.940 J	0.140 B	0.500 J	0.590 J
Chromium	14.0	12.0	15.0	8.60	14.0	8.40
Cobalt	4.80 B	5.80	5.60	7.40	7.70	13.0
Copper	44.0	52.0	93.0	7.80	17.0	29.0
Cyanide	0.120	ND(0.110)	0.170	ND(0.110)	ND(0.110)	ND(0.110)
Lead	120	79.0	88.0	9.40	21.0	10.0
Mercury	0.110 B	8.90	0.810	0.0430 B	0.0720 B	0.0300 B
Nickel	11.0	14.0	17.0	11.0	13.0	17.0
Selenium	1.30	0.630 J	0.560 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	83.0	90.0	42.0	17.0	ND(5.30)	ND(5.70)
Thallium	ND(1.80)	ND(1.10) J	ND(1.00) J	ND(1.10)	ND(1.10) J	ND(1.10) J
Tin	8.40 B	240	17.0	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	22.0	12.0	16.0	13.0	7.80	7.40
Zinc	49.0	51.0	82.0	40.0	48.0	45.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-K22 0-1 09/09/02	RAA12-L8 0-1 12/11/02	RAA12-L10 0-1 12/11/02	RAA12-L10 3-6 12/11/02	RAA12-L12 0-1 12/11/02
Volatile Organics					
Acetone	ND(0.023)	ND(0.023)	ND(0.022) [ND(0.022)]	ND(0.025)	ND(0.022)
Benzene	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Carbon Disulfide	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Chlorobenzene	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	0.0062
Tetrachloroethene	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Toluene	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Trichloroethene	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Vinyl Chloride	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Xylenes (total)	ND(0.0057)	ND(0.0058)	ND(0.0054) [ND(0.0054)]	ND(0.0063)	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
1,3-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
1,4-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
2-Methylnaphthalene	ND(0.38)	ND(0.38)	0.10 J [ND(0.69)]	ND(0.46)	ND(0.64)
2-Methylphenol	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
3&4-Methylphenol	ND(0.76)	ND(0.78)	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)
Acenaphthene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Acenaphthylene	ND(0.38)	ND(0.38)	0.15 J [0.36 J]	ND(0.46)	ND(0.64)
Aniline	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Anthracene	0.50	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	0.39 J
Benzo(a)anthracene	0.34 J	ND(0.38)	0.17 J [0.32 J]	ND(0.46)	0.79
Benzo(a)pyrene	0.66	ND(0.38)	0.18 J [0.35 J]	ND(0.46)	0.74
Benzo(b)fluoranthene	0.26 J	ND(0.38)	0.22 J [ND(0.69)]	ND(0.46)	0.78
Benzo(g,h,i)perylene	ND(0.38)	ND(0.38)	ND(0.47) [0.33 J]	ND(0.46)	0.48 J
Benzo(k)fluoranthene	0.29 J	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	0.33 J
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.42)	ND(0.36)
Butylbenzylphthalate	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Chrysene	0.50	ND(0.38) J	0.21 J [0.36 J]	ND(0.46) J	0.76 J
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Dibenzofuran	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Di-n-Butylphthalate	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Di-n-Octylphthalate	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Fluoranthene	0.84	0.18 J	0.22 J [0.38 J]	ND(0.46)	1.8
Fluorene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.38)	ND(0.47) [0.27 J]	ND(0.46)	0.45 J
Naphthalene	ND(0.38)	ND(0.38)	ND(0.47) [ND(0.69)]	ND(0.46)	ND(0.64)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.78)	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)
Phenacetin	ND(0.76)	ND(0.78)	ND(0.72) [ND(0.73)]	ND(0.85)	ND(0.72)
Phenanthrene	0.41	0.095 J	0.19 J [0.25 J]	ND(0.46)	1.3
Pyrene	0.78	0.21 J	0.32 J [0.50 J]	ND(0.46)	1.7
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-K22 0-1 09/09/02	RAA12-L8 0-1 12/11/02	RAA12-L10 0-1 12/11/02	RAA12-L10 3-6 12/11/02	RAA12-L12 0-1 12/11/02
Furans					
2,3,7,8-TCDF	0.000014 YI	0.00000087 J	0.0000067 J [0.0000044 J]	0.00000087 J	0.0000053 J
TCDFs (total)	0.00013	0.0000015	0.000066 [0.000044]	0.0000090	0.000047
1,2,3,7,8-PeCDF	0.0000048	ND(0.00000068) X	0.0000028 J [0.0000021 J]	ND(0.00000046) X	0.0000021 J
2,3,4,7,8-PeCDF	0.0000062	0.00000086 J	0.000012 J [0.000012 J]	0.00000076 J	0.000011 J
PeCDFs (total)	0.000072 Q	0.0000069	0.00011 [0.00012]	0.0000053	0.00012
1,2,3,4,7,8-HxCDF	0.0000066	ND(0.0000018)	0.0000056 J [0.0000026 J]	0.00000084 J	0.0000036 J
1,2,3,6,7,8-HxCDF	0.0000035	ND(0.00000053) X	0.0000041 J [0.0000033 J]	ND(0.00000077) X	0.0000039 J
1,2,3,7,8,9-HxCDF	0.00000074 J	ND(0.0000018)	ND(0.0000027) [ND(0.0000010) X]	ND(0.00000022) X	ND(0.0000031)
2,3,4,6,7,8-HxCDF	0.0000027 J	ND(0.00000064) X	0.0000065 J [0.0000052 J]	0.00000091 J	0.0000072 J
HxCDFs (total)	0.000043	0.0000062	0.000077 [0.000068]	0.0000054	0.000088
1,2,3,4,6,7,8-HpCDF	0.0000088	0.0000030 J	0.0000060 J [0.0000038 J]	0.0000026 J	0.000011 J
1,2,3,4,7,8,9-HpCDF	0.0000012 J	ND(0.0000018)	ND(0.0000023) [ND(0.0000022)]	ND(0.00000057)	ND(0.00000097) X
HpCDFs (total)	0.000016	0.0000077	0.000011 [0.0000072]	0.0000026	0.000011
OCDF	0.0000096	0.0000071 J	0.0000037 J [0.0000028 J]	0.0000014 J	0.000016 J
Dioxins					
2,3,7,8-TCDD	ND(0.00000031) X	ND(0.00000071)	ND(0.0000011) [ND(0.00000090)]	ND(0.00000030)	ND(0.00000093)
TCDDs (total)	0.0000040	ND(0.0000024)	ND(0.0000027) [ND(0.0000026)]	ND(0.00000064)	ND(0.0000027)
1,2,3,7,8-PeCDD	0.00000028 J	ND(0.0000018)	ND(0.0000023) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000011) X
PeCDDs (total)	0.0000031 Q	ND(0.0000033)	ND(0.0000044) [ND(0.0000040)]	0.00000047	ND(0.0000052)
1,2,3,4,7,8-HxCDD	0.00000031 J	ND(0.0000018)	ND(0.0000031) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000024)
1,2,3,6,7,8-HxCDD	0.00000050 J	ND(0.0000018)	ND(0.0000028) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000023)
1,2,3,7,8,9-HxCDD	ND(0.00000041) X	ND(0.0000018)	ND(0.0000029) [ND(0.0000022)]	ND(0.00000057)	ND(0.0000023)
HxCDDs (total)	0.0000032	0.0000011	ND(0.0000038) [ND(0.0000022)]	ND(0.00000057)	0.0000078
1,2,3,4,6,7,8-HpCDD	0.000010	0.000013 J	0.0000033 J [0.0000038 J]	0.0000012 J	0.000028
HpCDDs (total)	0.000020	0.000022	0.0000062 [0.0000038]	0.0000022	0.000052
OCDD	0.00013	0.000074	0.000017 J [0.000017 J]	ND(0.0000039)	0.00023
Total TEQs (WHO TEFs)	0.0000068	0.0000025	0.000011 [0.0000097]	0.0000013	0.0000095
Inorganics					
Antimony	ND(6.00)	ND(6.00) J	ND(6.00) J [ND(6.00) J]	ND(6.00) J	ND(6.00) J
Arsenic	4.00	4.50 J	4.80 J [3.80 J]	3.50 J	3.70 J
Barium	36.0	32.0 J	150 J [31.0 J]	46.0 J	28.0 J
Beryllium	0.140 J	ND(0.50)	ND(0.50) [ND(0.50)]	ND(0.530)	ND(0.50)
Cadmium	0.380 J	0.470 B	0.550 [0.460 B]	0.320 B	0.520
Chromium	17.0	10.0	7.60 [7.40]	9.10	5.60
Cobalt	3.80 B	5.30	8.90 [5.50]	7.80	5.30
Copper	13.0	23.0 J	31.0 J [26.0 J]	51.0 J	18.0 J
Cyanide	0.130	ND(0.230)	ND(0.220) [ND(0.220)]	ND(0.250)	ND(0.110)
Lead	45.0	37.0	100 [68.0]	200	47.0
Mercury	0.200	0.100 B	0.680 [0.520]	4.70	0.0850 B
Nickel	6.70	11.0 J	13.0 J [9.40 J]	12.0 J	9.10 J
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Sulfide	11.0	32.0 J	22.0 J [27.0 J]	25.0 J	28.0 J
Thallium	ND(1.10) J	ND(1.20)	ND(1.10) [ND(1.10)]	ND(1.30)	ND(1.10)
Tin	ND(10.0)	ND(10.0)	6.90 B [5.70 B]	7.90 B	ND(10.0)
Vanadium	7.60	9.50	9.70 [10.0]	10.0	12.0
Zinc	59.0	54.0	68.0 [62.0]	86.0	42.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-L12 1-3 12/11/02	RAA12-L14 0-1 12/04/02	RAA12-L16 0-1 09/11/02	RAA12-L16 3-4 09/11/02	RAA12-L16 3-6 09/11/02	RAA12-L18 0-1 09/11/02
Volatile Organics						
Acetone	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.023)	NA	ND(0.021)
Benzene	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Carbon Disulfide	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Chlorobenzene	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Tetrachloroethene	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Toluene	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Trichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Vinyl Chloride	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Xylenes (total)	ND(0.0053)	ND(0.0055)	ND(0.0054)	ND(0.0058)	NA	ND(0.0053)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
1,3-Dichlorobenzene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
1,4-Dichlorobenzene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
2-Methylnaphthalene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
2-Methylphenol	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
3&4-Methylphenol	ND(0.70)	ND(0.74)	ND(0.72)	NA	ND(0.78)	ND(0.71)
Acenaphthene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Acenaphthylene	0.38	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Aniline	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Anthracene	ND(0.35)	ND(0.37)	0.11 J	NA	ND(0.39)	0.19 J
Benzo(a)anthracene	ND(0.35)	ND(0.37)	0.35 J	NA	0.082 J	0.47
Benzo(a)pyrene	ND(0.35)	ND(0.37)	0.31 J	NA	0.13 J	0.44
Benzo(b)fluoranthene	ND(0.35)	ND(0.37)	0.22 J	NA	ND(0.39)	0.28 J
Benzo(g,h,i)perylene	ND(0.35)	ND(0.37)	0.17 J	NA	ND(0.39)	0.41
Benzo(k)fluoranthene	ND(0.35)	ND(0.37)	0.27 J	NA	0.11 J	0.33 J
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.38)	ND(0.35)
Butylbenzylphthalate	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Chrysene	ND(0.35) J	ND(0.37)	0.40	NA	0.14 J	0.58
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Dibenzofuran	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Di-n-Butylphthalate	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Di-n-Octylphthalate	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Fluoranthene	ND(0.35)	ND(0.37)	0.74	NA	0.13 J	1.1
Fluorene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.37)	0.18 J	NA	ND(0.39)	0.21 J
Naphthalene	ND(0.35)	ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.74)	ND(0.72)	NA	ND(0.78)	ND(0.71)
Phenacetin	ND(0.70)	ND(0.74)	ND(0.72)	NA	ND(0.78)	ND(0.71)
Phenanthrene	ND(0.35)	ND(0.37)	0.45	NA	ND(0.39)	0.71
Pyrene	ND(0.35)	ND(0.37)	0.68	NA	0.16 J	1.1
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L12 1-3 12/11/02	RAA12-L14 0-1 12/04/02	RAA12-L16 0-1 09/11/02	RAA12-L16 3-4 09/11/02	RAA12-L16 3-6 09/11/02	RAA12-L18 0-1 09/11/02
Furans						
2,3,7,8-TCDF	ND(0.0000011)	0.0000020 J	0.0000043 J	NA	ND(0.00000039) X	ND(0.0000077) X
TCDFs (total)	ND(0.0000011)	0.000042	0.000019	NA	0.0000018	0.000044
1,2,3,7,8-PeCDF	ND(0.00000078) X	0.0000014 J	0.0000014 J	NA	ND(0.00000023) X	0.0000032 J
2,3,4,7,8-PeCDF	0.0000014 J	0.000012 J	ND(0.0000025) X	NA	0.00000032 J	0.0000055 J
PeCDFs (total)	0.0000085	0.00012	0.000021	NA	0.0000019	0.000045
1,2,3,4,7,8-HxCDF	ND(0.00000052) X	ND(0.0000020) X	0.0000017 J	NA	0.00000024 J	0.0000039 J
1,2,3,6,7,8-HxCDF	ND(0.00000071) X	0.0000031 J	0.0000014 J	NA	0.00000025 J	0.0000027 J
1,2,3,7,8,9-HxCDF	ND(0.0000021)	ND(0.0000022)	ND(0.0000021)	NA	ND(0.00000028)	ND(0.0000025)
2,3,4,6,7,8-HxCDF	0.00000061 J	0.0000054 J	ND(0.0000021)	NA	0.00000024 J	0.0000035 J
HxCDFs (total)	0.0000042	0.000062	0.000016	NA	0.0000019	0.000028
1,2,3,4,6,7,8-HpCDF	0.0000013 J	0.0000054 J	0.0000051 J	NA	0.00000066 J	0.0000080 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000021)	ND(0.0000022)	ND(0.0000021)	NA	ND(0.00000028)	ND(0.0000025)
HpCDFs (total)	0.0000028	0.000012	0.0000051	NA	0.00000066	0.000016
OCDF	0.0000010 J	0.0000064 J	0.0000040 J	NA	0.00000040 J	0.000011 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000010)	ND(0.00000088)	ND(0.0000015)	NA	ND(0.00000017)	ND(0.0000019)
TCDDs (total)	ND(0.0000025)	ND(0.0000028)	ND(0.0000020)	NA	0.00000029	ND(0.0000028)
1,2,3,7,8-PeCDD	ND(0.0000021)	ND(0.00000085) X	ND(0.0000021)	NA	ND(0.00000028)	ND(0.0000025)
PeCDDs (total)	ND(0.0000036)	ND(0.0000046)	ND(0.0000035)	NA	0.00000036	ND(0.0000043)
1,2,3,4,7,8-HxCDD	ND(0.0000023)	ND(0.0000022)	ND(0.0000023)	NA	ND(0.00000028)	ND(0.0000025)
1,2,3,6,7,8-HxCDD	ND(0.0000021)	ND(0.0000016) X	ND(0.0000021)	NA	ND(0.00000028)	ND(0.0000025)
1,2,3,7,8,9-HxCDD	ND(0.0000021)	0.0000013 J	ND(0.0000021)	NA	ND(0.00000028)	ND(0.0000025)
HxCDDs (total)	ND(0.0000042)	0.0000042	ND(0.0000022)	NA	0.00000026	ND(0.0000061)
1,2,3,4,6,7,8-HpCDD	0.0000033 J	0.000016 J	0.0000054 J	NA	0.00000060 J	0.000014 J
HpCDDs (total)	0.0000055	0.000032	0.0000085	NA	0.0000011	0.000031
OCDD	0.000018 J	0.00014	ND(0.000019)	NA	ND(0.0000025)	0.000089
Total TEQs (WHO TEFs)	0.0000029	0.0000088	0.0000039	NA	0.00000055	0.0000072
Inorganics						
Antimony	ND(6.00) J	ND(6.00)	ND(6.00)	NA	ND(6.0)	ND(6.0)
Arsenic	4.50 J	7.70 J	7.10	NA	6.60	4.20
Barium	26.0 J	27.0 J	59.0	NA	44.0	32.0
Beryllium	ND(0.50)	ND(0.50)	0.230 B	NA	0.250 B	0.130 B
Cadmium	0.380 B	1.10	0.130 B	NA	0.290 B	0.280 B
Chromium	6.80	14.0 J	8.40	NA	6.40	7.60
Cobalt	8.20	11.0	7.40	NA	6.50	4.20 B
Copper	21.0 J	43.0	31.0	NA	30.0	37.0
Cyanide	ND(0.100)	ND(0.110)	ND(0.110)	NA	ND(0.120)	ND(0.110)
Lead	12.0	76.0 J	180	NA	120	99.0
Mercury	0.0590 B	0.0460 B	0.360 B	NA	0.230 B	0.220 B
Nickel	12.0 J	18.0	13.0	NA	12.0	9.80
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00)	NA	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	29.0 J	24.0	24.0	NA	22.0	22.0
Thallium	ND(1.00)	ND(1.10) J	ND(1.10) J	NA	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	4.90 B	ND(14.0)	NA	ND(10.0)	ND(10.0)
Vanadium	4.80 B	16.0	11.0	NA	11.0	10.0
Zinc	33.0	69.0 J	85.0	NA	64.0	97.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L18 1-3 09/11/02	RAA12-L18 6-8 09/11/02	RAA12-L18 6-10 09/11/02	RAA12-L22 0-1 09/20/02	RAA12-L22 1-3 09/20/02	RAA12-L24 0-1 08/13/02	RAA12-L24 6-8 08/13/02
Volatile Organics							
Acetone	R	0.019 J	NA	ND(0.021)	ND(0.021)	0.015 J	0.020 J
Benzene	R	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	0.0053 J
Carbon Disulfide	R	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	0.0032 J	ND(0.0057)
Chlorobenzene	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	0.050 J
Tetrachloroethene	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	0.0031 J	ND(0.0057)
Toluene	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0057)
Trichloroethene	R	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	ND(0.0057)
Vinyl Chloride	R	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	0.0092 J
Xylenes (total)	ND(0.0061) J	ND(0.0075)	NA	ND(0.0053)	ND(0.0052)	ND(0.0052)	0.024 J
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.76 J
1,2,4-Trichlorobenzene	ND(0.41)	NA	ND(0.50)	1.0	ND(0.35)	ND(0.34)	27
1,3-Dichlorobenzene	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	6.2
1,4-Dichlorobenzene	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	50
2-Methylnaphthalene	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.51 J
2-Methylphenol	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
3&4-Methylphenol	ND(0.82)	NA	ND(1.0)	ND(0.71)	ND(0.70)	ND(0.69)	ND(0.91)
Acenaphthene	0.14 J	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.24 J
Acenaphthylene	0.36 J	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
Aniline	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.78 J
Anthracene	1.3	NA	0.21 J	ND(0.35)	ND(0.35)	ND(0.34)	0.28 J
Benzo(a)anthracene	3.6	NA	0.37 J	ND(0.35)	ND(0.35)	0.088 J	0.88 J
Benzo(a)pyrene	2.7	NA	0.30 J	ND(0.35)	ND(0.35)	0.14 J	0.58 J
Benzo(b)fluoranthene	2.2	NA	0.18 J	ND(0.35)	ND(0.35)	ND(0.34)	0.79 J
Benzo(g,h,i)perylene	1.6	NA	0.15 J	ND(0.35)	ND(0.35)	0.19 J	0.55 J
Benzo(k)fluoranthene	2.3	NA	0.29 J	ND(0.35)	ND(0.35)	0.13 J	0.65 J
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.50)	ND(0.35)	ND(0.34)	ND(0.34)	2.1
Butylbenzylphthalate	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
Chrysene	3.0	NA	0.38 J	ND(0.35)	ND(0.35)	0.20 J	0.91
Dibenzo(a,h)anthracene	0.51	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
Dibenzofuran	0.42	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.18 J
Di-n-Butylphthalate	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
Di-n-Octylphthalate	ND(0.41)	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	ND(0.91)
Fluoranthene	6.9	NA	0.91	ND(0.35)	ND(0.35)	0.17 J	1.4
Fluorene	0.27 J	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.33 J
Indeno(1,2,3-cd)pyrene	1.5	NA	0.12 J	ND(0.35)	ND(0.35)	0.089 J	0.37 J
Naphthalene	0.28 J	NA	ND(0.50)	ND(0.35)	ND(0.35)	ND(0.34)	0.81 J
p-Dimethylaminoazobenzene	ND(0.82)	NA	ND(1.0)	ND(0.71)	ND(0.70)	ND(0.69)	ND(0.91)
Phenacetin	ND(0.82)	NA	ND(1.0)	ND(0.71)	ND(0.70)	ND(0.69)	ND(0.91)
Phenanthrene	5.3	NA	0.68	ND(0.35)	ND(0.35)	0.077 J	1.0
Pyrene	6.7	NA	0.75	ND(0.35)	ND(0.35)	0.34 J	0.92
Organochlorine Pesticides							
None Detected	NA	NA	NA	NA	NA	--	--
Organophosphate Pesticides							
None Detected	NA	NA	NA	NA	NA	--	--
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	57	ND(190)

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L18 1-3 09/11/02	RAA12-L18 6-8 09/11/02	RAA12-L18 6-10 09/11/02	RAA12-L22 0-1 09/20/02	RAA12-L22 1-3 09/20/02	RAA12-L24 0-1 08/13/02	RAA12-L24 6-8 08/13/02
Furans							
2,3,7,8-TCDF	0.000072 Y	NA	0.0000042 J	0.000082 Y	0.0000030 Y	0.0000084 YJQ	0.018 YEQJ
TCDFs (total)	0.00059	NA	0.000029	0.0018	0.000089	0.000066	0.14
1,2,3,7,8-PeCDF	0.000023	NA	0.0000016 J	0.00014	0.0000095	0.0000080 J	0.012 EJ
2,3,4,7,8-PeCDF	0.000033	NA	0.0000028 J	0.00034	ND(0.0000015)	0.000014 J	0.025 EIJ
PeCDFs (total)	0.00040	NA	0.000022	0.0024	0.000048	0.00014	0.24 QI
1,2,3,4,7,8-HxCDF	0.000024	NA	0.0000024 J	0.0017	0.0000029 J	0.000028	0.092 EIJ
1,2,3,6,7,8-HxCDF	0.000013 J	NA	0.0000025 J	0.00079	0.0000013 J	0.000014 J	0.041 EIJ
1,2,3,7,8,9-HxCDF	0.0000046 J	NA	ND(0.0000032)	0.00038	0.00000067 J	0.0000045 J	0.011 EQJ
2,3,4,6,7,8-HxCDF	0.000018 J	NA	0.0000039 J	0.00039	0.00000064 J	0.000012 J	0.024 EJ
HxCDFs (total)	0.00022	NA	0.000022	0.0054	0.0000093	0.00017	0.33 QI
1,2,3,4,6,7,8-HpCDF	0.000035	NA	0.000012 J	0.00056	0.0000010 J	0.000022 J	0.067 EIJ
1,2,3,4,7,8,9-HpCDF	0.0000046 J	NA	ND(0.0000032)	0.00040	0.00000064 J	0.0000074 J	0.026 EIJ
HpCDFs (total)	0.000064	NA	0.000012	0.0015	0.0000017	0.000046	0.12 I
OCDF	0.000031 J	NA	ND(0.0000042) X	0.00052	0.0000010 J	ND(0.000024) X	0.052 EJ
Dioxins							
2,3,7,8-TCDD	ND(0.0000024)	NA	ND(0.0000024)	0.0000015 J	ND(0.00000032)	ND(0.0000011)	0.00013
TCDDs (total)	0.000015	NA	0.0000014	0.000020	ND(0.00000056)	ND(0.0000016)	0.0024
1,2,3,7,8-PeCDD	0.0000016 J	NA	ND(0.0000032)	ND(0.0000096) X	ND(0.00000046)	ND(0.00000089) X	0.00038
PeCDDs (total)	0.000010	NA	0.0000057	0.000020	ND(0.00000094)	0.0000017	0.0052 Q
1,2,3,4,7,8-HxCDD	ND(0.0000028)	NA	ND(0.0000032)	0.0000038 J	ND(0.00000057)	ND(0.0000026)	0.00039
1,2,3,6,7,8-HxCDD	0.0000021 J	NA	ND(0.0000032)	0.0000060	ND(0.00000050)	ND(0.0000014) X	0.00057
1,2,3,7,8,9-HxCDD	ND(0.0000023) X	NA	ND(0.0000032)	0.0000033 J	ND(0.00000051)	ND(0.0000012) X	0.00043
HxCDDs (total)	0.0000077	NA	0.0000053	0.00010	ND(0.00000053)	ND(0.0000026)	0.0083
1,2,3,4,6,7,8-HpCDD	0.000015 J	NA	0.0000075 J	0.000018	ND(0.00000055)	0.0000059 J	0.0030
HpCDDs (total)	0.000032	NA	0.000014	0.000043	0.00000055	0.000012	0.0062
OCDD	0.000083	NA	ND(0.000032)	0.000068	ND(0.0000021)	0.000037 J	0.0065
Total TEQs (WHO TEFs)	0.000035	NA	0.0000064	0.00053	0.0000022	0.000016	0.033
Inorganics							
Antimony	ND(6.0)	NA	ND(6.0)	ND(6.00)	ND(6.00)	0.980 B	13.0
Arsenic	14.0	NA	24.0	5.90	3.70	5.30	7.10
Barium	120	NA	210	29.0	46.0	18.0 B	330
Beryllium	0.300 B	NA	0.440 B	0.260 B	0.210 B	0.160 B	0.180 B
Cadmium	0.620	NA	1.70	0.300 B	0.320 B	0.320 B	4.50
Chromium	9.70	NA	14.0	7.50	8.00	7.80	62.0
Cobalt	8.50	NA	7.60	9.30	8.50	8.50	7.80
Copper	79.0	NA	110	15.0	110	23.0	6400
Cyanide	ND(0.120)	NA	ND(0.300)	0.230	ND(0.100)	ND(0.100)	0.140
Lead	310	NA	2000	6.10	16.0	20.0	1200
Mercury	0.480 B	NA	1.30 B	0.0690 B	ND(0.100)	0.0300 B	1.20
Nickel	15.0	NA	19.0	15.0	16.0	14.0	170
Selenium	ND(1.00)	NA	3.80	ND(1.00) J	ND(1.00) J	ND(1.00)	0.900 B
Silver	ND(1.00)	NA	0.520 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	33.0	NA	87.0	14.0	6.60	31.0	350
Thallium	ND(1.20) J	NA	2.00 B	ND(1.10)	ND(1.60)	ND(1.50)	ND(1.70)
Tin	28.0	NA	870	ND(10.)	ND(10.0)	3.10 B	190
Vanadium	15.0	NA	16.0	7.10	7.90	9.50	9.40
Zinc	200	NA	820	37.0	73.0	40.0	2300

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L26 0-1 08/12/02	RAA12-L26 1-3 08/12/02	RAA12-L26 3-6 08/12/02	RAA12-L26 4-6 08/12/02	RAA12-L26 10-15 08/12/02	RAA12-L28 0-1 08/26/02	RAA12-L28 6-10 08/26/02
Volatile Organics							
Acetone	ND(0.020) J	ND(0.024) J	NA	ND(0.022) J	NA	ND(0.022)	NA
Benzene	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Carbon Disulfide	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Chlorobenzene	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Tetrachloroethene	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Toluene	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Trichloroethene	ND(0.0051)	0.0044 J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Vinyl Chloride	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Xylenes (total)	ND(0.0051)	ND(0.0059) J	NA	ND(0.0054)	NA	ND(0.0055)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.34)	0.081 J	ND(0.40)	NA	ND(8.2)	ND(0.37)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.34)	0.33 J	1.7	NA	2.5 J	ND(0.37)	ND(0.40)
1,3-Dichlorobenzene	ND(0.34)	ND(0.37)	0.39 J	NA	2.8 J	ND(0.37)	ND(0.40)
1,4-Dichlorobenzene	ND(0.34)	0.16 J	1.4	NA	8.6	ND(0.37)	ND(0.40)
2-Methylnaphthalene	ND(0.34)	ND(0.37)	ND(0.40)	NA	12	ND(0.37)	ND(0.40)
2-Methylphenol	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)	ND(0.37)	ND(0.40)
3&4-Methylphenol	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)	ND(0.74)	ND(0.79)
Acenaphthene	ND(0.34)	ND(0.37)	ND(0.40)	NA	24	ND(0.37)	ND(0.40)
Acenaphthylene	ND(0.34)	ND(0.37)	ND(0.40)	NA	1.7 J	ND(0.37)	ND(0.40)
Aniline	ND(0.34)	ND(0.37)	0.53	NA	ND(8.2)	ND(0.37)	ND(0.40)
Anthracene	ND(0.34)	ND(0.37)	ND(0.40)	NA	22	ND(0.37)	ND(0.40)
Benzo(a)anthracene	ND(0.34)	ND(0.37)	0.082 J	NA	16	ND(0.37)	ND(0.40)
Benzo(a)pyrene	ND(0.34)	ND(0.37)	ND(0.40)	NA	12	ND(0.37)	0.16 J
Benzo(b)fluoranthene	ND(0.34)	ND(0.37)	0.092 J	NA	13	ND(0.37)	ND(0.40)
Benzo(g,h,i)perylene	ND(0.34)	ND(0.37)	ND(0.40)	NA	8.8	ND(0.37)	0.12 J
Benzo(k)fluoranthene	ND(0.34)	ND(0.37)	ND(0.40)	NA	13	ND(0.37)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.37)	ND(0.39)	NA	ND(4.1)	ND(0.36)	ND(0.39)
Butylbenzylphthalate	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)	ND(0.37)	ND(0.40)
Chrysene	ND(0.34)	0.22 J	0.10 J	NA	16	ND(0.37)	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.37)	ND(0.40)	NA	3.8 J	ND(0.37)	ND(0.40)
Dibenzofuran	ND(0.34)	ND(0.37)	ND(0.40)	NA	20	ND(0.37)	ND(0.40)
Di-n-Butylphthalate	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)	ND(0.37)	ND(0.40)
Di-n-Octylphthalate	ND(0.34)	ND(0.37)	ND(0.40)	NA	ND(8.2)	ND(0.37)	ND(0.40)
Fluoranthene	ND(0.34)	ND(0.37)	0.16 J	NA	37	ND(0.37)	0.14 J
Fluorene	ND(0.34)	ND(0.37)	ND(0.40)	NA	30	ND(0.37)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.37)	ND(0.40)	NA	7.2 J	ND(0.37)	ND(0.40)
Naphthalene	ND(0.34)	ND(0.37)	ND(0.40)	NA	5.8 J	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)	ND(0.74)	ND(0.79)
Phenacetin	ND(0.69)	ND(0.75)	ND(0.80)	NA	ND(8.2)	ND(0.74)	ND(0.79)
Phenanthrene	ND(0.34)	ND(0.37)	0.12 J	NA	84	ND(0.37)	0.15 J
Pyrene	0.12 J	0.14 J	ND(0.40)	NA	50	ND(0.37)	0.33 J
Organochlorine Pesticides							
None Detected	NA	NA	--	NA	--	NA	NA
Organophosphate Pesticides							
None Detected	NA	NA	--	NA	--	NA	NA
Herbicides							
2,4,5-TP	NA	NA	ND(2.0)	NA	ND(2000)	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L26 0-1 08/12/02	RAA12-L26 1-3 08/12/02	RAA12-L26 3-6 08/12/02	RAA12-L26 4-6 08/12/02	RAA12-L26 10-15 08/12/02	RAA12-L28 0-1 08/26/02	RAA12-L28 6-10 08/26/02
Furans							
2,3,7,8-TCDF	0.0000049 YJQ	0.0012 YE	0.00016 Y	NA	NA	0.00011 YQ	0.0000051 J
TCDFs (total)	0.000014	0.0040	0.0012	NA	NA	0.0010	0.0000051
1,2,3,7,8-PeCDF	0.0000014 J	0.00022	0.000072	NA	NA	0.000073	0.0000020 J
2,3,4,7,8-PeCDF	ND(0.0000047) X	0.00052	0.00016	NA	NA	0.00024	0.0000023 J
PeCDFs (total)	0.000033	0.0042 I	0.0015 I	NA	NA	0.0042 I	0.0000086
1,2,3,4,7,8-HxCDF	0.000014 J	0.00082	0.00012	NA	NA	0.00011	ND(0.0000013) X
1,2,3,6,7,8-HxCDF	0.0000051 J	0.00035	0.000072	NA	NA	0.00012	ND(0.00000084) X
1,2,3,7,8,9-HxCDF	0.0000027 J	0.00017	0.000022	NA	NA	0.000029	ND(0.0000029)
2,3,4,6,7,8-HxCDF	0.0000055 J	0.00038	0.00019	NA	NA	0.00040	0.00000054 J
HxCDFs (total)	0.000067	0.0052	0.0026	NA	NA	0.0068	0.00000054
1,2,3,4,6,7,8-HpCDF	0.000016 J	0.00055	0.00022	NA	NA	0.00042	0.0000017 J
1,2,3,4,7,8,9-HpCDF	0.000011 J	0.00020	0.000036	NA	NA	0.000040	ND(0.0000029)
HpCDFs (total)	0.000063	0.0014	0.00059	NA	NA	0.0011	0.0000017
OCDF	0.000046	0.00040	0.00012	NA	NA	0.00013	ND(0.0000058)
Dioxins							
2,3,7,8-TCDD	ND(0.0000030)	ND(0.0000031) X	0.0000016	NA	NA	ND(0.0000016) X	ND(0.0000024)
TCDDs (total)	ND(0.0000030)	0.000026	0.000023	NA	NA	0.0000041	ND(0.0000035)
1,2,3,7,8-PeCDD	ND(0.0000021)	0.000012	ND(0.0000054) X	NA	NA	ND(0.0000073) X	ND(0.0000029)
PeCDDs (total)	0.0000030	0.00012	0.000040	NA	NA	0.000016	ND(0.0000052)
1,2,3,4,7,8-HxCDD	ND(0.0000021)	0.000016	0.0000045	NA	NA	0.0000025 J	ND(0.0000029)
1,2,3,6,7,8-HxCDD	ND(0.0000021)	0.000022	0.0000099	NA	NA	0.0000048 J	ND(0.0000029)
1,2,3,7,8,9-HxCDD	ND(0.0000021)	0.000017	0.0000061	NA	NA	0.0000036 J	ND(0.0000029)
HxCDDs (total)	0.0000068	0.00028	0.00011	NA	NA	0.000066	ND(0.0000079)
1,2,3,4,6,7,8-HpCDD	0.000028	0.00018	0.00012	NA	NA	0.000025	0.0000030 J
HpCDDs (total)	0.000051	0.00038	0.00021	NA	NA	0.000052	0.0000063
OCDD	0.00048	0.0016	0.00051	NA	NA	0.00010	ND(0.000049)
Total TEQs (WHO TEFs)	0.0000079	0.00059	0.00015	NA	NA	0.00021	0.0000052
Inorganics							
Antimony	0.870 B	79.0	53.0	NA	4.10 B	2.70 B	ND(6.00)
Arsenic	4.20	5.60	5.90	NA	5.10	9.00	9.80
Barium	26.0	56.0	190	NA	67.0	58.0	24.0
Beryllium	0.180 B	0.220 B	0.150 B	NA	0.120 B	0.270 B	0.320 B
Cadmium	0.600	2.90	1.00	NA	1.70	0.830	0.680
Chromium	6.40	140	19.0	NA	9.70	11.0	9.10
Cobalt	6.50	45.0	1.70 B	NA	6.70	6.40	7.60
Copper	14.0	10000	9800	NA	220	190	24.0
Cyanide	ND(0.100)	0.160 B	0.0780 B	NA	1.70	0.0840 B	0.190
Lead	13.0	1200	840	NA	230	52.0	10.0
Mercury	0.0690 B	2.70	5.10	NA	7.80	0.490	0.0790 B
Nickel	11.0	55.0	26.0	NA	21.0	14.0	16.0
Selenium	ND(1.00)	0.620 B	0.820 B	NA	ND(1.00)	0.620 B	1.40
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	0.530 B	ND(1.00)	ND(1.00)
Sulfide	21.0	20.0	27.0	NA	1900	120	1000
Thallium	ND(1.50)	ND(1.70)	ND(1.80)	NA	ND(1.80)	ND(1.10)	ND(1.20)
Tin	3.80 B	500	520	NA	44.0	ND(13.0)	ND(10.0)
Vanadium	6.80	19.0	8.80	NA	8.00	11.0	8.90
Zinc	36.0	1800	1600	NA	240	120	19.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L30 3-6 08/26/02	RAA12-L30 4-6 08/26/02	RAA12-M11 0-1 12/11/02	RAA12-M14 0-1 12/04/02	RAA12-M20 0-1 09/11/02
Volatile Organics					
Acetone	NA	ND(0.024)	ND(0.022)	ND(0.022) [ND(0.022) J]	ND(0.023)
Benzene	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Carbon Disulfide	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Chlorobenzene	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Tetrachloroethene	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Toluene	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Trichloroethene	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Vinyl Chloride	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Xylenes (total)	NA	ND(0.0060)	ND(0.0054)	ND(0.0054) [ND(0.0056) J]	ND(0.0058)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
1,3-Dichlorobenzene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
1,4-Dichlorobenzene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
2-Methylnaphthalene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
2-Methylphenol	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
3&4-Methylphenol	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.78)
Acenaphthene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Acenaphthylene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Aniline	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Anthracene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Benzo(a)anthracene	ND(0.56)	NA	ND(0.93)	0.35 J [0.41 J]	0.17 J
Benzo(a)pyrene	ND(0.56)	NA	ND(0.93)	0.52 J [0.55 J]	0.24 J
Benzo(b)fluoranthene	ND(0.56)	NA	ND(0.93)	0.29 J [0.53 J]	0.26 J
Benzo(g,h,i)perylene	ND(0.56)	NA	ND(0.93)	0.49 J [0.56 J]	0.19 J
Benzo(k)fluoranthene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	0.16 J
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.47)	ND(0.54) [ND(0.64)]	ND(0.38)
Butylbenzylphthalate	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Chrysene	ND(0.56)	NA	ND(0.93) J	0.38 J [0.31 J]	0.31 J
Dibenzo(a,h)anthracene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Dibenzofuran	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Di-n-Butylphthalate	ND(0.56)	NA	ND(0.93)	ND(1.1) [0.74 J]	ND(0.39)
Di-n-Octylphthalate	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Fluoranthene	ND(0.56)	NA	ND(0.93)	0.49 J [0.66 J]	0.37 J
Fluorene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.56)	NA	ND(0.93)	0.30 J [0.29 J]	0.20 J
Naphthalene	ND(0.56)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.78)
Phenacetin	ND(0.80)	NA	ND(0.93)	ND(1.1) [ND(1.3)]	ND(0.78)
Phenanthrene	ND(0.56)	NA	ND(0.93)	ND(1.1) [0.32 J]	0.14 J
Pyrene	ND(0.56)	NA	ND(0.93)	0.54 J [0.80 J]	0.40
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-L30 3-6 08/26/02	RAA12-L30 4-6 08/26/02	RAA12-M11 0-1 12/11/02	RAA12-M14 0-1 12/04/02	RAA12-M20 0-1 09/11/02
Furans					
2,3,7,8-TCDF	ND(0.0000015)	NA	ND(0.0000017) X	0.0000054 J [0.0000043 J]	0.000010 J
TCDFs (total)	ND(0.0000015)	NA	0.0000022	0.000047 [0.000039]	0.000065
1,2,3,7,8-PeCDF	0.0000018 J	NA	ND(0.00000086) X	0.0000032 J [ND(0.0000026) X]	0.0000040 J
2,3,4,7,8-PeCDF	ND(0.0000026)	NA	0.0000014 J	0.0000048 J [0.0000037 J]	0.0000051 J
PeCDFs (total)	0.0000061	NA	0.0000073	0.000051 [0.000034 Q]	0.000049
1,2,3,4,7,8-HxCDF	ND(0.00000061) X	NA	0.0000018 J	0.0000040 J [0.0000035 J]	0.0000046 J
1,2,3,6,7,8-HxCDF	ND(0.0000010) X	NA	0.0000016 J	0.0000033 J [ND(0.0000028)]	0.0000031 J
1,2,3,7,8,9-HxCDF	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [0.00000082 J]	ND(0.0000027)
2,3,4,6,7,8-HxCDF	ND(0.0000026)	NA	ND(0.0000023)	0.0000032 J [ND(0.0000025) X]	ND(0.0000033) X
HxCDFs (total)	ND(0.0000026)	NA	0.0000063	0.000034 J [0.000019 J]	0.000042
1,2,3,4,6,7,8-HpCDF	ND(0.0000026)	NA	0.0000025 J	0.000011 J [0.0000089 J]	0.0000079 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000013) X [ND(0.0000011) X]	ND(0.0000027)
HpCDFs (total)	ND(0.0000026)	NA	0.0000041	0.000018 J [0.0000089 J]	0.000016
OCDF	ND(0.0000053)	NA	ND(0.0000019) X	ND(0.0000084) X [0.0000089 J]	0.000010 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000022)	NA	ND(0.00000093)	ND(0.00000084) [ND(0.0000011)]	ND(0.0000024)
TCDDs (total)	ND(0.0000031)	NA	ND(0.0000025)	ND(0.0000027) [ND(0.0000011)]	0.0000032
1,2,3,7,8-PeCDD	ND(0.0000026)	NA	ND(0.0000023)	0.0000012 J [ND(0.00000097) X]	ND(0.0000027)
PeCDDs (total)	ND(0.0000042)	NA	ND(0.0000041)	0.0000012 [ND(0.0000056)]	0.0000016
1,2,3,4,7,8-HxCDD	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [0.00000085 J]	ND(0.0000029)
1,2,3,6,7,8-HxCDD	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000016) X [ND(0.0000012) X]	ND(0.0000027)
1,2,3,7,8,9-HxCDD	ND(0.0000026)	NA	ND(0.0000023)	ND(0.0000021) [ND(0.0000012) X]	ND(0.0000027)
HxCDDs (total)	ND(0.0000064)	NA	ND(0.0000045)	0.0000011 J [0.0000036 J]	ND(0.0000027)
1,2,3,4,6,7,8-HpCDD	ND(0.0000026)	NA	0.0000037 J	ND(0.0000068) [ND(0.0000066)]	0.0000074 J
HpCDDs (total)	ND(0.0000026)	NA	0.0000064	0.000013 [0.000012]	0.000013
OCDD	ND(0.0000060) X	NA	0.000018 J	ND(0.000038) [ND(0.000036)]	ND(0.000047)
Total TEQs (WHO TEFs)	0.0000040	NA	0.0000034	0.0000063 [0.0000044]	0.0000080
Inorganics					
Antimony	1.10 B	NA	ND(6.00) J	ND(6.00) [0.930 B]	ND(6.0)
Arsenic	32.0	NA	2.10 J	2.50 J [7.10 J]	6.90
Barium	180	NA	8.30 J	16.0 J [63.0 J]	69.0
Beryllium	0.810	NA	ND(0.50)	ND(0.50) [ND(0.50)]	0.260 B
Cadmium	0.680	NA	0.330 B	0.330 B [0.600]	0.310 B
Chromium	11.0	NA	3.20	3.60 J [6.40 J]	7.30
Cobalt	3.80 B	NA	4.00 B	4.50 B [6.20]	5.90
Copper	37.0	NA	11.0 J	20.0 [32.0]	32.0
Cyanide	0.120 B	NA	ND(0.220)	ND(0.110) [ND(0.110)]	0.190
Lead	4.20	NA	7.70	33.0 J [120 J]	170
Mercury	ND(0.120)	NA	ND(0.110)	0.0830 B [0.100 B]	0.150 B
Nickel	9.00	NA	6.60 J	7.00 [10.0]	10.0
Selenium	2.40	NA	ND(1.00) J	ND(1.00) J [ND(1.00) J]	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00) [0.400 B]	ND(1.00)
Sulfide	46.0	NA	20.0 J	22.0 [26.0]	30.0
Thallium	ND(1.20)	NA	ND(1.10)	ND(1.10) J [ND(1.10) J]	1.00 B
Tin	ND(10.0)	NA	ND(10.0)	3.30 B [7.00 B]	100
Vanadium	21.0	NA	10.0	7.60 [11.0]	13.0
Zinc	9.00	NA	22.0	34.0 J [90.0 J]	81.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-M26 0-1 08/08/02	RAA12-N5 0-1 12/17/02	RAA12-N8 0-1 12/11/02	RAA12-N8 1-3 12/11/02	RAA12-N8 5-7 12/11/02	RAA12-N8 6-10 12/11/02
Volatile Organics						
Acetone	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.024)	ND(0.022)	NA
Benzene	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Carbon Disulfide	ND(0.0053) J	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Chlorobenzene	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Tetrachloroethene	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Toluene	ND(0.0053)	ND(0.0056)	0.0091	ND(0.0060)	ND(0.0055)	NA
Trichloroethene	0.0057	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Vinyl Chloride	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Xylenes (total)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0060)	ND(0.0055)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
1,2,4-Trichlorobenzene	1.3	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
1,3-Dichlorobenzene	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
1,4-Dichlorobenzene	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
2-Methylnaphthalene	ND(0.35)	ND(0.37)	4.5	0.080 J	NA	ND(0.36)
2-Methylphenol	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
3&4-Methylphenol	ND(0.71)	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)
Acenaphthene	0.076 J	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
Acenaphthylene	0.71	ND(0.37)	10	0.53	NA	ND(0.36)
Aniline	0.10 J	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
Anthracene	1.6	ND(0.37)	9.8	0.27 J	NA	ND(0.36)
Benzo(a)anthracene	5.5	ND(0.37)	26	0.41	NA	ND(0.36)
Benzo(a)pyrene	3.4	ND(0.37)	29	0.63	NA	ND(0.36)
Benzo(b)fluoranthene	3.6	ND(0.37)	33	0.63	NA	ND(0.36)
Benzo(g,h,i)perylene	2.8	ND(0.37)	12	1.3	NA	ND(0.36)
Benzo(k)fluoranthene	4.0	ND(0.37)	7.8	0.27 J	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.37)	0.71	ND(0.40)	NA	ND(0.36)
Butylbenzylphthalate	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
Chrysene	6.8	ND(0.37)	28 J	0.50 J	NA	ND(0.36) J
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.37)	3.9	ND(0.40)	NA	ND(0.36)
Dibenzofuran	0.18 J	ND(0.37)	2.7	ND(0.40)	NA	ND(0.36)
Di-n-Butylphthalate	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
Di-n-Octylphthalate	ND(0.35)	ND(0.37)	ND(0.72)	ND(0.40)	NA	ND(0.36)
Fluoranthene	13	ND(0.37)	48	0.52	NA	ND(0.36)
Fluorene	0.79	ND(0.37)	7.0	ND(0.40)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	2.3	ND(0.37)	12	0.67	NA	ND(0.36)
Naphthalene	0.072 J	ND(0.37)	2.4	0.10 J	NA	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.71) J	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)
Phenacetin	ND(0.71)	ND(0.75)	ND(0.73)	ND(0.80)	NA	ND(0.73)
Phenanthrene	12	ND(0.37)	39	0.30 J	NA	ND(0.36)
Pyrene	31	ND(0.37)	63	0.74	NA	ND(0.36)
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-M26 0-1 08/08/02	RAA12-N5 0-1 12/17/02	RAA12-N8 0-1 12/11/02	RAA12-N8 1-3 12/11/02	RAA12-N8 5-7 12/11/02	RAA12-N8 6-10 12/11/02
Furans						
2,3,7,8-TCDF	0.016 YEJ	ND(0.00000039) X	ND(0.0000014)	0.0000062 J	NA	ND(0.00000023)
TCDFs (total)	0.065	ND(0.00000059)	0.0000044	0.000081	NA	ND(0.00000023)
1,2,3,7,8-PeCDF	0.0063	0.00000033 J	ND(0.0000023)	0.0000029 J	NA	0.00000016 J
2,3,4,7,8-PeCDF	0.0078	ND(0.00000041)	0.0000024 J	0.000046	NA	0.00000014 J
PeCDFs (total)	0.050 QI	ND(0.0000011)	0.000015 Q	0.00037 Q	NA	0.00000030
1,2,3,4,7,8-HxCDF	0.023 EIJ	0.00000029 J	ND(0.0000023)	0.0000069 J	NA	0.00000016 J
1,2,3,6,7,8-HxCDF	0.012 EIJ	0.00000042 J	ND(0.0000023)	0.000010 J	NA	0.00000025 J
1,2,3,7,8,9-HxCDF	0.0013 Q	ND(0.00000045)	ND(0.0000023)	0.0000037 J	NA	0.00000019 J
2,3,4,6,7,8-HxCDF	0.0064	ND(0.0000015)	ND(0.0000023)	0.000032	NA	ND(0.00000059)
HxCDFs (total)	0.086 QI	ND(0.0000017)	0.0000035	0.00041	NA	0.00000059
1,2,3,4,6,7,8-HpCDF	0.020 EIJ	ND(0.00000059)	0.0000015 J	0.000020 J	NA	0.00000027 J
1,2,3,4,7,8,9-HpCDF	0.0077	ND(0.00000038)	ND(0.0000023)	0.0000020 J	NA	0.00000018 J
HpCDFs (total)	0.037 I	ND(0.00000097)	0.0000015	0.000055	NA	0.00000045
OCDF	0.024 EJ	0.0000010 J	ND(0.0000045)	0.0000075 J	NA	0.00000044 J
Dioxins						
2,3,7,8-TCDD	ND(0.000034) X	ND(0.00000059)	ND(0.0000015)	ND(0.00000089)	NA	ND(0.00000023)
TCDDs (total)	0.00084	ND(0.00000094)	ND(0.0000019)	ND(0.0000026)	NA	ND(0.00000069)
1,2,3,7,8-PeCDD	0.00020	0.00000040 J	ND(0.0000023)	ND(0.0000015) X	NA	ND(0.00000059)
PeCDDs (total)	0.0022 Q	0.00000040	ND(0.0000032)	0.0000048	NA	ND(0.0000010)
1,2,3,4,7,8-HxCDD	0.00017	ND(0.0000015)	ND(0.0000023)	ND(0.0000022)	NA	ND(0.00000059)
1,2,3,6,7,8-HxCDD	0.00027	ND(0.0000015)	ND(0.0000023)	0.0000026 J	NA	ND(0.00000059)
1,2,3,7,8,9-HxCDD	0.00021	ND(0.0000015)	ND(0.0000023)	ND(0.0000014) X	NA	ND(0.00000059)
HxCDDs (total)	0.0039	ND(0.0000015)	ND(0.0000038)	0.000015	NA	ND(0.00000092)
1,2,3,4,6,7,8-HpCDD	0.0015	ND(0.0000013)	0.0000029 J	0.0000096 J	NA	ND(0.00000050)
HpCDDs (total)	0.0030	ND(0.0000013)	0.0000050	0.000019	NA	ND(0.00000050)
OCDD	0.0052	ND(0.0000078)	0.000013 JQ	0.000036 J	NA	ND(0.0000022)
Total TEQs (WHO TEFs)	0.011	0.0000012	0.0000041	0.000031	NA	0.00000068
Inorganics						
Antimony	8.50 J	2.00 B	ND(6.00) J	ND(6.00) J	NA	ND(6.00) J
Arsenic	3.80	6.70	4.30 J	4.80 J	NA	1.60 J
Barium	87.0 J	24.0	12.0 J	42.0 J	NA	7.70 J
Beryllium	0.170 B	1.70	ND(0.50)	ND(0.50)	NA	ND(0.50)
Cadmium	1.40	1.60	0.410 B	0.580	NA	0.250 B
Chromium	30.0 J	10.0	5.40	5.50	NA	6.70
Cobalt	6.00	12.0	6.50	4.90 B	NA	5.00
Copper	470 J	22.0	19.0 J	45.0 J	NA	10.0 J
Cyanide	0.0900 B	ND(0.110)	ND(0.220)	ND(0.240)	NA	ND(0.110)
Lead	290	12.0	8.60	130	NA	4.70
Mercury	0.500 J	0.0410 B	0.0410 B	0.440	NA	0.0560 B
Nickel	18.0 J	20.0	11.0 J	11.0 J	NA	8.60 J
Selenium	ND(1.00)	2.40	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J
Silver	0.960 B	1.60	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	25.0 J	24.0	44.0 J	36.0 J	NA	26.0 J
Thallium	ND(1.60)	1.90	ND(1.10)	ND(1.20)	NA	ND(1.10)
Tin	17.0 J	ND(10.0)	ND(10.0)	37.0	NA	ND(10.0)
Vanadium	5.20	9.70	12.0	7.00	NA	5.00
Zinc	560 J	51.0	37.0	100	NA	25.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-N10 0-1 12/12/02	RAA12-N10 10-15 12/12/02	RAA12-N10 12-14 12/12/02	RAA12-N12 0-1 12/12/02	RAA12-N12 6-10 12/12/02	RAA12-N12 8-10 12/12/02
Volatile Organics						
Acetone	ND(0.022)	NA	ND(0.026)	ND(0.023)	NA	ND(0.028)
Benzene	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Carbon Disulfide	ND(0.0054) J	NA	ND(0.0066) J	ND(0.0057) J	NA	ND(0.0069)
Chlorobenzene	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Tetrachloroethene	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Toluene	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Trichloroethene	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Vinyl Chloride	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Xylenes (total)	ND(0.0054)	NA	ND(0.0066)	ND(0.0057)	NA	ND(0.0069)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
2-Methylnaphthalene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
2-Methylphenol	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
3&4-Methylphenol	ND(0.72)	ND(0.89)	NA	ND(0.76)	ND(0.93)	NA
Acenaphthene	ND(0.36)	ND(0.44)	NA	0.16 J	ND(0.46)	NA
Acenaphthylene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Aniline	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Anthracene	ND(0.36)	ND(0.44)	NA	0.36 J	ND(0.46)	NA
Benzo(a)anthracene	ND(0.36)	ND(0.44)	NA	0.57	0.16 J	NA
Benzo(a)pyrene	ND(0.36)	ND(0.44)	NA	0.41	0.15 J	NA
Benzo(b)fluoranthene	ND(0.36)	ND(0.44)	NA	0.53	0.27 J	NA
Benzo(g,h,i)perylene	ND(0.36)	ND(0.44)	NA	0.26 J	0.12 J	NA
Benzo(k)fluoranthene	ND(0.36)	ND(0.44)	NA	0.22 J	0.23 J	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Butylbenzylphthalate	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Chrysene	ND(0.36)	ND(0.44)	NA	0.46	0.18 J	NA
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Dibenzofuran	ND(0.36)	ND(0.44)	NA	0.091 J	ND(0.46)	NA
Di-n-Butylphthalate	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Di-n-Octylphthalate	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
Fluoranthene	ND(0.36)	ND(0.44)	NA	1.2	0.23 J	NA
Fluorene	ND(0.36)	ND(0.44)	NA	0.14 J	ND(0.46)	NA
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.44)	NA	0.21 J	ND(0.46)	NA
Naphthalene	ND(0.36)	ND(0.44)	NA	ND(0.38)	ND(0.46)	NA
p-Dimethylaminoazobenzene	ND(0.72)	ND(0.89)	NA	ND(0.76)	ND(0.93)	NA
Phenacetin	ND(0.72)	ND(0.89)	NA	ND(0.76)	ND(0.93)	NA
Phenanthrene	ND(0.36)	ND(0.44)	NA	1.2	0.094 J	NA
Pyrene	ND(0.36)	ND(0.44)	NA	1.1	0.22 J	NA
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N10 0-1 12/12/02	RAA12-N10 10-15 12/12/02	RAA12-N10 12-14 12/12/02	RAA12-N12 0-1 12/12/02	RAA12-N12 6-10 12/12/02	RAA12-N12 8-10 12/12/02
Furans						
2,3,7,8-TCDF	ND(0.00000010)	ND(0.00000018)	NA	0.00000040 J	0.0000024 J	NA
TCDFs (total)	ND(0.00000010)	ND(0.00000018)	NA	0.0000034	0.000056	NA
1,2,3,7,8-PeCDF	ND(0.00000024)	ND(0.00000029)	NA	0.00000035 J	0.0000023 J	NA
2,3,4,7,8-PeCDF	ND(0.000000061)	ND(0.00000029)	NA	0.0000010 J	0.0000035 J	NA
PeCDFs (total)	0.00000026	ND(0.00000029)	NA	0.0000076	0.000040 Q	NA
1,2,3,4,7,8-HxCDF	ND(0.00000024)	ND(0.00000029)	NA	0.0000019 J	0.0000032 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000024)	ND(0.00000029)	NA	0.0000013 J	0.0000031 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000024)	ND(0.00000029)	NA	0.00000031 J	0.00000080 J	NA
2,3,4,6,7,8-HxCDF	ND(0.00000024)	ND(0.00000029)	NA	0.00000083 J	0.0000033 J	NA
HxCDFs (total)	0.00000037	ND(0.00000029)	NA	0.000010	0.000027	NA
1,2,3,4,6,7,8-HpCDF	0.000000095 J	ND(0.00000029)	NA	0.0000023 J	0.0000074	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000024)	ND(0.00000029)	NA	0.00000062 J	0.00000073 J	NA
HpCDFs (total)	0.000000095	ND(0.00000029)	NA	0.0000049	0.0000093	NA
OCDF	ND(0.00000048)	ND(0.00000058)	NA	0.0000027 J	0.0000020 J	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000010)	ND(0.00000012)	NA	ND(0.00000023)	0.00000046 J	NA
TCDDs (total)	ND(0.00000028)	ND(0.00000035)	NA	ND(0.00000068)	0.0000038	NA
1,2,3,7,8-PeCDD	ND(0.00000024)	ND(0.00000029)	NA	ND(0.00000057)	0.00000091 J	NA
PeCDDs (total)	ND(0.00000043)	ND(0.00000048)	NA	ND(0.0000010)	0.000011 Q	NA
1,2,3,4,7,8-HxCDD	ND(0.00000024)	ND(0.00000029)	NA	ND(0.00000057)	0.00000062 J	NA
1,2,3,6,7,8-HxCDD	ND(0.00000024)	ND(0.00000029)	NA	ND(0.00000057)	0.0000010 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000024)	ND(0.00000029)	NA	ND(0.00000057)	0.00000064 J	NA
HxCDDs (total)	ND(0.00000035)	ND(0.00000060)	NA	ND(0.0000011)	0.000011	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000023)	ND(0.00000027)	NA	0.0000033 J	0.0000038 J	NA
HpCDDs (total)	ND(0.00000023)	ND(0.00000027)	NA	0.0000056	0.0000071	NA
OCDD	ND(0.0000012)	ND(0.0000010)	NA	0.000015	0.0000052 J	NA
Total TEQs (WHO TEFs)	0.00000028	0.00000040	NA	0.0000015	0.0000049	NA
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic	2.20	1.50	NA	5.10	11.0	NA
Barium	19.0 B	10.0 B	NA	23.0	110	NA
Beryllium	0.370 B	0.260 B	NA	0.280 B	0.380 B	NA
Cadmium	0.440 B	0.320 B	NA	0.560	0.860	NA
Chromium	5.00	4.70	NA	5.70	9.50	NA
Cobalt	6.50	5.50	NA	5.80	6.00	NA
Copper	8.30	12.0	NA	22.0	86.0	NA
Cyanide	ND(0.220)	ND(0.260)	NA	ND(0.110)	0.170	NA
Lead	3.70	3.40	NA	39.0	520	NA
Mercury	0.0310 B	ND(0.130)	NA	0.180	2.40	NA
Nickel	9.30	8.80	NA	10.0	12.0	NA
Selenium	ND(1.00)	ND(1.00)	NA	ND(1.00)	0.920 B	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide	6.90	37.0	NA	9.10	210	NA
Thallium	ND(1.10)	ND(1.30)	NA	ND(1.10)	ND(1.40)	NA
Tin	ND(10.0)	ND(10.0)	NA	3.70 B	65.0	NA
Vanadium	6.90	5.00 B	NA	6.60	16.0	NA
Zinc	27.0	25.0	NA	62.0	290	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA12-N14 0-1 12/04/02	RAA12-N16 1-3 12/10/02	RAA12-N16 6-8 12/10/02	RAA12-N16 6-10 12/10/02	RAA12-N16 10-15 12/10/02
Volatile Organics					
Acetone	ND(0.023)	ND(0.024) [ND(0.025)]	ND(0.027)	NA	NA
Benzene	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Carbon Disulfide	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Chlorobenzene	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Tetrachloroethene	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Toluene	ND(0.0057)	ND(0.0060) [0.0096]	ND(0.0068)	NA	NA
Trichloroethene	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Vinyl Chloride	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Xylenes (total)	ND(0.0057)	ND(0.0060) [ND(0.0062)]	ND(0.0068)	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
1,3-Dichlorobenzene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
1,4-Dichlorobenzene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
2-Methylnaphthalene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
2-Methylphenol	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
3&4-Methylphenol	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)	ND(0.89)
Acenaphthene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Acenaphthylene	0.22 J	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Aniline	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Anthracene	0.22 J	0.16 J [0.12 J]	NA	ND(0.45)	ND(0.44)
Benzo(a)anthracene	0.68 J	0.51 [0.33 J]	NA	ND(0.45)	ND(0.44)
Benzo(a)pyrene	0.76	0.42 [0.26 J]	NA	ND(0.45)	ND(0.44)
Benzo(b)fluoranthene	0.78	0.39 J [0.26 J]	NA	ND(0.45)	ND(0.44)
Benzo(g,h,i)perylene	0.52 J	0.31 J [0.15 J]	NA	ND(0.45)	ND(0.44)
Benzo(k)fluoranthene	0.26 J	0.23 J [0.16 J]	NA	ND(0.45)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.40) [ND(0.40)]	NA	ND(0.45)	ND(0.44)
Butylbenzylphthalate	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Chrysene	0.55 J	0.32 J [0.23 J]	NA	ND(0.45)	ND(0.44)
Dibenzo(a,h)anthracene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Dibenzofuran	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Di-n-Butylphthalate	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Di-n-Octylphthalate	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Fluoranthene	1.1	0.77 [0.49]	NA	ND(0.45)	ND(0.44)
Fluorene	ND(0.76)	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
Indeno(1,2,3-cd)pyrene	0.49 J	0.30 J [0.14 J]	NA	ND(0.45)	ND(0.44)
Naphthalene	0.30 J	ND(0.40) [ND(0.41)]	NA	ND(0.45)	ND(0.44)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)	ND(0.89)
Phenacetin	ND(0.77)	ND(0.81) [ND(0.82)]	NA	ND(0.91)	ND(0.89)
Phenanthrene	0.61 J	0.55 [0.46]	NA	ND(0.45)	ND(0.44)
Pyrene	1.2	0.80 [0.60]	NA	ND(0.45)	ND(0.44)
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	--
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	--
Herbicides					
2,4,5-TP	NA	NA	NA	NA	ND(0.43)

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N14 0-1 12/04/02	RAA12-N16 1-3 12/10/02	RAA12-N16 6-8 12/10/02	RAA12-N16 6-10 12/10/02	RAA12-N16 10-15 12/10/02
Furans					
2,3,7,8-TCDF	0.0000088 J	ND(0.0000012) X [ND(0.0000014)]	NA	0.0000060 J	ND(0.00000027)
TCDFs (total)	0.000097	0.0000033 [ND(0.0000014)]	NA	0.000048	ND(0.00000027)
1,2,3,7,8-PeCDF	0.0000064 J	ND(0.00000092) [0.0000011 J]	NA	0.0000024 J	ND(0.00000062)
2,3,4,7,8-PeCDF	0.000012 J	0.0000011 J [ND(0.0000014) X]	NA	ND(0.0000034) X	ND(0.00000062)
PeCDFs (total)	0.00011	0.0000054 [0.0000067]	NA	0.000026	ND(0.00000062)
1,2,3,4,7,8-HxCDF	0.0000097 J	0.0000010 J [ND(0.0000011) X]	NA	ND(0.0000023) X	ND(0.00000062)
1,2,3,6,7,8-HxCDF	0.0000081 J	ND(0.00000091) X [0.0000014 J]	NA	0.0000019 J	ND(0.00000062)
1,2,3,7,8,9-HxCDF	0.0000036 J	ND(0.0000013) [ND(0.0000023)]	NA	0.00000084 J	ND(0.00000062)
2,3,4,6,7,8-HxCDF	0.0000097 J	0.0000010 J [ND(0.00000085) X]	NA	ND(0.0000023) X	ND(0.00000062)
HxCDFs (total)	0.000092	0.0000044 [0.0000049]	NA	0.000011	ND(0.00000062)
1,2,3,4,6,7,8-HpCDF	0.000024 J	0.0000025 J [0.0000025 J]	NA	0.0000046 J	ND(0.00000062)
1,2,3,4,7,8,9-HpCDF	0.0000030 J	ND(0.00000038) X [ND(0.0000023)]	NA	0.00000042 J	ND(0.00000062)
HpCDFs (total)	0.000054	0.0000025 [0.0000025]	NA	0.0000051	ND(0.00000062)
OCDF	0.000042	0.0000026 J [ND(0.0000019) X]	NA	0.0000016 J	ND(0.0000012)
Dioxins					
2,3,7,8-TCDD	ND(0.0000018) X	ND(0.00000059) [ND(0.0000013)]	NA	ND(0.00000095)	ND(0.00000028)
TCDDs (total)	0.0000010	ND(0.00000088) [ND(0.0000024)]	NA	0.0000091	ND(0.00000068)
1,2,3,7,8-PeCDD	ND(0.0000035) X	ND(0.00000056) X [ND(0.0000023)]	NA	ND(0.0000018)	ND(0.00000062)
PeCDDs (total)	0.000012	ND(0.0000013) [ND(0.0000041)]	NA	0.0000039	ND(0.00000095)
1,2,3,4,7,8-HxCDD	0.0000040 J	ND(0.00000081) X [ND(0.0000025)]	NA	ND(0.0000018)	ND(0.00000069)
1,2,3,6,7,8-HxCDD	0.0000069 J	0.0000016 J [ND(0.0000023)]	NA	ND(0.0000018)	ND(0.00000064)
1,2,3,7,8,9-HxCDD	0.0000051 J	ND(0.00000064) X [ND(0.0000023)]	NA	ND(0.0000018)	ND(0.00000065)
HxCDDs (total)	0.000052	0.0000030 [ND(0.0000050)]	NA	0.0000092	ND(0.00000085)
1,2,3,4,6,7,8-HpCDD	0.000056	0.0000037 J [ND(0.0000026) X]	NA	ND(0.0000027)	ND(0.00000054)
HpCDDs (total)	0.00013	0.0000037 [ND(0.0000020)]	NA	ND(0.0000052)	ND(0.00000054)
OCDD	0.00036	ND(0.000016) [ND(0.000015)]	NA	ND(0.000011)	ND(0.0000026)
Total TEQs (WHO TEFs)	0.000015	0.0000018 [0.0000030]	NA	0.0000038	0.00000087
Inorganics					
Antimony	1.00 B	ND(6.00) [ND(6.00)]	NA	ND(6.00)	ND(6.00)
Arsenic	6.10 J	3.50 J [9.00 J]	NA	2.20 J	1.80 J
Barium	52.0 J	16.0 J [150 J]	NA	28.0 J	34.0 J
Beryllium	ND(0.50)	ND(0.50) [ND(0.50)]	NA	ND(0.50)	ND(0.50)
Cadmium	0.690	0.380 B [0.390 B]	NA	0.570	0.310 B
Chromium	10.0 J	5.50 [6.50]	NA	7.70	7.70
Cobalt	7.30	7.00 [5.00]	NA	8.20	6.60
Copper	51.0	13.0 [20.0]	NA	7.00	8.00
Cyanide	0.120	ND(0.240) [ND(0.120)]	NA	ND(0.140)	ND(0.130)
Lead	120 J	6.40 J [150 J]	NA	4.80 J	4.30 J
Mercury	0.960	0.730 J [0.430 J]	NA	0.0610 J	0.0720 J
Nickel	15.0	11.0 [8.40]	NA	11.0	10.0
Selenium	ND(1.00) J	ND(1.00) [ND(1.00)]	NA	ND(1.00)	ND(1.00)
Silver	0.340 B	0.110 B [ND(1.00)]	NA	ND(1.00)	ND(1.00)
Sulfide	32.0	68.0 [43.0]	NA	35.0	48.0
Thallium	ND(1.10) J	ND(1.20) J [ND(1.20) J]	NA	ND(1.40) J	ND(1.30) J
Tin	6.10 B	ND(10.0) J [5.40 J]	NA	ND(10.0) J	ND(10.0) J
Vanadium	11.0	8.80 [8.30]	NA	8.50	8.60
Zinc	160 J	32.0 J [93.0 J]	NA	160 J	45.0 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N17 0-1 12/02/02	RAA12-N18 3-5 12/03/02	RAA12-N18 3-6 12/03/02	RAA12-N23 0-1 08/13/02	RAA12-N25 0-1 08/13/02	RAA12-O16 0-1 12/02/02
Volatile Organics						
Acetone	ND(0.022)	ND(0.026)	NA	ND(0.021)	ND(0.021)	ND(0.026)
Benzene	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Carbon Disulfide	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Chlorobenzene	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	0.23
Tetrachloroethene	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Toluene	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Trichloroethene	ND(0.0054)	ND(0.0065)	NA	0.0060	ND(0.0052)	ND(0.0065)
Vinyl Chloride	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Xylenes (total)	ND(0.0054)	ND(0.0065)	NA	ND(0.0053)	ND(0.0052)	ND(0.0065)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,3-Dichlorobenzene	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
2-Methylnaphthalene	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.10 J	3.0
2-Methylphenol	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
3&4-Methylphenol	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Acenaphthene	ND(0.36)	NA	0.10 J	ND(0.35)	ND(0.34)	15
Acenaphthylene	0.12 J	NA	0.14 J	0.36	1.2	1.1
Aniline	ND(0.36) J	NA	ND(0.43) J	ND(0.35)	0.11 J	ND(0.43) J
Anthracene	0.19 J	NA	0.34 J	0.70	2.3	39
Benzo(a)anthracene	0.65 J	NA	1.1	3.2	12	72 J
Benzo(a)pyrene	0.64	NA	1.0	1.9	4.8	61
Benzo(b)fluoranthene	0.55	NA	1.0	1.9	5.0	63
Benzo(g,h,i)perylene	0.54	NA	0.78	1.8	4.2	29
Benzo(k)fluoranthene	0.26 J	NA	0.41 J	2.4	5.0	23
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Butylbenzylphthalate	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Chrysene	0.46	NA	0.90	3.1	11	62
Dibenzo(a,h)anthracene	ND(0.36)	NA	0.20 J	0.48	1.6	8.9
Dibenzofuran	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.21 J	6.5
Di-n-Butylphthalate	ND(0.36)	NA	ND(0.43)	ND(0.35)	0.11 J	ND(0.43)
Di-n-Octylphthalate	ND(0.36)	NA	ND(0.43)	ND(0.35)	ND(0.34)	ND(0.43)
Fluoranthene	0.94	NA	1.7	4.8	6.2	160
Fluorene	ND(0.36)	NA	0.089 J	0.29 J	0.65	15
Indeno(1,2,3-cd)pyrene	0.34 J	NA	0.67	1.2	3.5	25
Naphthalene	ND(0.36)	NA	0.092 J	0.080 J	0.16 J	3.6
p-Dimethylaminoazobenzene	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Phenacetin	ND(0.72)	NA	ND(0.87)	ND(0.71)	ND(0.70)	ND(0.87)
Phenanthrene	0.67	NA	1.1	4.4	5.8	160
Pyrene	0.97	NA	2.0	22	30	180
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-N17 0-1 12/02/02	RAA12-N18 3-5 12/03/02	RAA12-N18 3-6 12/03/02	RAA12-N23 0-1 08/13/02	RAA12-N25 0-1 08/13/02	RAA12-O16 0-1 12/02/02
Furans						
2,3,7,8-TCDF	ND(0.0000044)	NA	0.000014 Y	0.000037 Y	0.000017 Y	0.0000013 J
TCDFs (total)	ND(0.0000044) Q	NA	0.00016	0.00031	0.000035	0.0000021
1,2,3,7,8-PeCDF	0.0000021 J	NA	0.0000062 J	0.000072	0.0000045 J	ND(0.0000027)
2,3,4,7,8-PeCDF	ND(0.0000016) XQ	NA	0.0000097 J	0.000030	0.000013 JQ	ND(0.00000069) X
PeCDFs (total)	0.0000093 Q	NA	0.00011 Q	0.00046 Q	0.00012 Q	0.0000017
1,2,3,4,7,8-HxCDF	0.0000023 J	NA	ND(0.0000088) X	0.000070	0.000018 J	ND(0.0000027)
1,2,3,6,7,8-HxCDF	0.0000024 J	NA	0.0000065 J	0.000041	0.000012 J	ND(0.00000077) X
1,2,3,7,8,9-HxCDF	ND(0.0000025)	NA	ND(0.0000030)	0.0000077 JQ	ND(0.0000028)	ND(0.0000027)
2,3,4,6,7,8-HxCDF	0.0000023 J	NA	0.0000068 J	0.000023 J	0.0000097 J	ND(0.0000027)
HxCDFs (total)	0.000016	NA	0.000074	0.00038 Q	0.00026	0.0000028
1,2,3,4,6,7,8-HpCDF	0.0000054 J	NA	0.000026 J	0.000039	0.000026 Q	ND(0.0000027) X
1,2,3,4,7,8,9-HpCDF	ND(0.0000025)	NA	0.0000019 J	0.000012 J	0.0000049 J	ND(0.0000027)
HpCDFs (total)	0.0000054	NA	0.000041	0.000090	0.000063	0.0000036
OCDF	0.0000058 J	NA	0.000014 J	0.000025 J	0.000021 J	0.0000059 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000010)	NA	ND(0.0000017) X	ND(0.0000044)	ND(0.0000039)	ND(0.0000013) X
TCDDs (total)	0.000016 Q	NA	0.0000050	0.000013	ND(0.0000039)	ND(0.0000034)
1,2,3,7,8-PeCDD	ND(0.0000025)	NA	0.0000019 J	ND(0.00000092) X	ND(0.0000026)	ND(0.0000027)
PeCDDs (total)	0.0000080 Q	NA	0.0000079	0.0000033 Q	ND(0.0000026)	ND(0.0000043)
1,2,3,4,7,8-HxCDD	ND(0.0000025)	NA	ND(0.0000030)	ND(0.0000035) X	ND(0.0000026)	ND(0.0000027)
1,2,3,6,7,8-HxCDD	ND(0.0000025)	NA	ND(0.0000022) X	0.0000022 J	0.0000031 J	ND(0.0000027)
1,2,3,7,8,9-HxCDD	0.0000018 J	NA	ND(0.0000030)	0.0000018 J	0.0000018 J	ND(0.0000027)
HxCDDs (total)	0.000013	NA	0.000016	0.000016	0.000017	ND(0.0000055)
1,2,3,4,6,7,8-HpCDD	0.0000082 J	NA	0.000015 J	0.000035	0.000012 J	0.0000083 J
HpCDDs (total)	0.000014	NA	0.000034	0.000078	0.000021	0.000014
OCDD	0.000042 J	NA	0.00018	0.00052	0.000051 J	0.000048 J
Total TEQs (WHO TEFs)	0.0000039	NA	0.000012	0.000041	0.000017	0.0000033
Inorganics						
Antimony	ND(6.00)	NA	4.40 B	ND(6.00)	1.10 B	ND(6.00)
Arsenic	9.10	NA	15.0	3.00	3.20	15.0
Barium	29.0	NA	260	30.0	14.0 B	3800
Beryllium	ND(0.500)	NA	0.620	0.120 B	0.120 B	ND(0.500)
Cadmium	ND(0.500)	NA	1.90	0.140 B	0.200 B	1.40
Chromium	8.00	NA	22.0 J	3.40	4.10	81.0
Cobalt	7.90	NA	6.80	3.20 B	5.30	ND(5.00)
Copper	23.0	NA	160 J	35.0	22.0	150
Cyanide	ND(0.110)	NA	0.570 J	ND(0.100)	ND(0.100)	0.130 B
Lead	89.0	NA	840 J	8.20	20.0	51000
Mercury	ND(0.110)	NA	2.20	ND(0.100)	0.0740 B	1.00
Nickel	12.0	NA	16.0	5.80	7.70	20.0
Selenium	ND(1.00)	NA	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	NA	0.890 B	ND(1.00)	ND(1.00)	3.40
Sulfide	23.0	NA	47.0 J	25.0	25.0	53.0
Thallium	ND(1.60)	NA	ND(1.30) J	ND(1.60)	ND(1.60)	1.90 B
Tin	18.0	NA	84.0	4.20 B	3.90 B	40.0
Vanadium	26.0	NA	19.0	3.50 B	5.30	18.0
Zinc	53.0	NA	490	20.0	34.0	2300

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-O24 0-1 09/09/02	RAA12-O24 3-6 09/09/02	RAA12-P4 0-1 12/16/02	RAA12-P4 1-3 12/16/02	RAA12-P4 6-8 12/16/02	RAA12-P4 6-10 12/16/02
Volatile Organics						
Acetone	ND(0.021)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.021)	NA
Benzene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Carbon Disulfide	ND(0.0053)	ND(0.0062)	ND(0.0062) J	ND(0.0061) J	ND(0.0052) J	NA
Chlorobenzene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Tetrachloroethene	ND(0.0053)	ND(0.0062)	ND(0.0062)	0.0039 J	ND(0.0052)	NA
Toluene	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Trichloroethene	ND(0.0053)	0.010	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Vinyl Chloride	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Xylenes (total)	ND(0.0053)	ND(0.0062)	ND(0.0062)	ND(0.0061)	ND(0.0052)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
1,3-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
1,4-Dichlorobenzene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
2-Methylnaphthalene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
2-Methylphenol	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
3&4-Methylphenol	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)
Acenaphthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Acenaphthylene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Aniline	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Benzo(a)anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Benzo(a)pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Benzo(b)fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Benzo(g,h,i)perylene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Benzo(k)fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.40)	NA	ND(0.34)
Butylbenzylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Chrysene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Dibenzofuran	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Di-n-Butylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Di-n-Octylphthalate	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Fluoranthene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Fluorene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Naphthalene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)
Phenacetin	ND(0.71)	ND(0.83)	ND(0.83)	ND(0.82)	NA	ND(0.70)
Phenanthrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Pyrene	ND(0.35)	ND(0.41)	ND(0.41)	ND(0.41)	NA	ND(0.35)
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-O24 0-1 09/09/02	RAA12-O24 3-6 09/09/02	RAA12-P4 0-1 12/16/02	RAA12-P4 1-3 12/16/02	RAA12-P4 6-8 12/16/02	RAA12-P4 6-10 12/16/02
Furans						
2,3,7,8-TCDF	0.00028 Y	0.0000070 Y	ND(0.0000010) X	ND(0.0000012)	NA	ND(0.00000026)
TCDFs (total)	0.0024	0.000067	0.0000042	ND(0.0000012)	NA	ND(0.00000026)
1,2,3,7,8-PeCDF	0.00020	0.0000033	ND(0.0000018)	ND(0.00000047) X	NA	ND(0.00000051)
2,3,4,7,8-PeCDF	0.00028	0.0000034	0.00000080 J	ND(0.0000023)	NA	ND(0.00000051)
PeCDFs (total)	0.0027 Q	0.000040	0.0000030	0.00000067	NA	ND(0.00000051)
1,2,3,4,7,8-HxCDF	0.00045 J	0.0000038	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
1,2,3,6,7,8-HxCDF	0.00026	0.0000023 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
1,2,3,7,8,9-HxCDF	0.000038	0.00000042 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
2,3,4,6,7,8-HxCDF	0.00012	0.0000017 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
HxCDFs (total)	0.0020 J	0.000027	0.0000022	0.00000094	NA	ND(0.00000051)
1,2,3,4,6,7,8-HpCDF	0.00039	0.0000036	0.0000012 J	0.0000012 J	NA	ND(0.00000051)
1,2,3,4,7,8,9-HpCDF	0.000091	0.00000078 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
HpCDFs (total)	0.00072	0.0000066	0.0000012	0.0000012	NA	ND(0.00000051)
OCDF	0.00058	0.0000038 J	ND(0.0000037)	ND(0.0000045)	NA	ND(0.0000010)
Dioxins						
2,3,7,8-TCDD	0.0000015	ND(0.00000012)	ND(0.00000073)	ND(0.0000011)	NA	ND(0.00000021)
TCDDs (total)	0.000037	0.0000019	ND(0.0000023)	ND(0.0000026)	NA	ND(0.00000058)
1,2,3,7,8-PeCDD	0.0000044	0.00000019 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
PeCDDs (total)	0.000052 Q	0.0000018	ND(0.0000029)	ND(0.0000038)	NA	ND(0.00000079)
1,2,3,4,7,8-HxCDD	0.0000061	0.00000014 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000052)
1,2,3,6,7,8-HxCDD	0.0000083	0.00000024 J	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
1,2,3,7,8,9-HxCDD	0.0000056	ND(0.00000030)	ND(0.0000018)	ND(0.0000023)	NA	ND(0.00000051)
HxCDDs (total)	0.00011	0.00000084	ND(0.0000029)	ND(0.0000038)	NA	ND(0.00000082)
1,2,3,4,6,7,8-HpCDD	0.000067	0.0000014 J	ND(0.0000017) X	0.0000014 J	NA	0.00000034 J
HpCDDs (total)	0.00012	0.0000026	ND(0.0000018)	0.0000024	NA	0.00000034
OCDD	0.00047	ND(0.0000059)	ND(0.0000079)	ND(0.0000069)	NA	ND(0.0000016)
Total TEQs (WHO TEFs)	0.00028	0.0000037	0.0000024	0.0000032	NA	0.00000070
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.0)	ND(6.0)	NA	ND(6.00)
Arsenic	3.90	4.30	7.30	1.40	NA	2.60
Barium	140	1100	38.0	52.0	NA	7.50 B
Beryllium	0.140 J	0.180 J	0.710	0.190 B	NA	0.420 B
Cadmium	0.360 J	0.100 J	0.720	0.310 B	NA	0.360 B
Chromium	9.00	11.0	8.20	5.10	NA	5.40
Cobalt	4.00 B	1.80 B	11.0	3.40 B	NA	12.0
Copper	300	14.0	25.0	11.0	NA	14.0
Cyanide	0.0770 B	ND(0.120)	ND(0.120)	ND(0.120)	NA	ND(0.100)
Lead	61.0	3.70	46.0	48.0	NA	5.20
Mercury	0.0560 B	0.230	0.300	0.220	NA	ND(0.100)
Nickel	9.10	5.60	17.0	6.40	NA	13.0
Selenium	ND(1.00) J	ND(1.00) J	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver	ND(1.00)	ND(1.00)	0.740 B	0.380 B	NA	ND(1.00)
Sulfide	17.0	44.0	15.0	34.0	NA	8.40
Thallium	ND(1.00) J	ND(1.20) J	1.00 J	ND(1.20) J	NA	ND(1.00) J
Tin	17.0	ND(10.0)	ND(10.0)	ND(10.0)	NA	ND(10.0)
Vanadium	5.30	9.10	8.00	6.20	NA	4.90 B
Zinc	78.0	28.0	58.0	56.0	NA	42.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-P4 10-15 12/16/02	RAA12-P4 12-14 12/16/02	RAA12-P6 0-1 12/16/02	RAA12-P6 3-4 12/16/02	RAA12-P6 3-6 12/16/02	RAA12-P8 0-1 12/11/02
Volatile Organics						
Acetone	NA	ND(0.024)	ND(0.022)	ND(0.026)	NA	ND(0.022)
Benzene	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Carbon Disulfide	NA	ND(0.0060) J	ND(0.0055) J	ND(0.0064) J	NA	ND(0.0054)
Chlorobenzene	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Tetrachloroethene	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Toluene	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Trichloroethene	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Vinyl Chloride	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Xylenes (total)	NA	ND(0.0060)	ND(0.0055)	ND(0.0064)	NA	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
1,3-Dichlorobenzene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
1,4-Dichlorobenzene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
2-Methylnaphthalene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	0.43
2-Methylphenol	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
3&4-Methylphenol	ND(0.81)	NA	ND(0.74)	NA	ND(0.86)	ND(0.73)
Acenaphthene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
Acenaphthylene	ND(0.40)	NA	0.081 J	NA	ND(0.43)	7.9
Aniline	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
Anthracene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	6.8
Benzo(a)anthracene	ND(0.40)	NA	0.12 J	NA	ND(0.43)	22
Benzo(a)pyrene	ND(0.40)	NA	0.14 J	NA	ND(0.43)	18
Benzo(b)fluoranthene	ND(0.40)	NA	0.14 J	NA	ND(0.43)	17
Benzo(g,h,i)perylene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	12
Benzo(k)fluoranthene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	7.5
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.36)	NA	ND(0.42)	ND(0.36)
Butylbenzylphthalate	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
Chrysene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	14 J
Dibenzo(a,h)anthracene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	3.6
Dibenzofuran	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	0.35 J
Di-n-Butylphthalate	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
Di-n-Octylphthalate	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	ND(0.36)
Fluoranthene	ND(0.40)	NA	0.11 J	NA	ND(0.43)	32
Fluorene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	1.7
Indeno(1,2,3-cd)pyrene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	11
Naphthalene	ND(0.40)	NA	0.085 J	NA	ND(0.43)	0.66
p-Dimethylaminoazobenzene	ND(0.81)	NA	ND(0.74)	NA	ND(0.86)	ND(0.73)
Phenacetin	ND(0.81)	NA	ND(0.74)	NA	ND(0.86)	ND(0.73)
Phenanthrene	ND(0.40)	NA	ND(0.37)	NA	ND(0.43)	8.4
Pyrene	ND(0.40)	NA	0.14 J	NA	ND(0.43)	37
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-P4 10-15 12/16/02	RAA12-P4 12-14 12/16/02	RAA12-P6 0-1 12/16/02	RAA12-P6 3-4 12/16/02	RAA12-P6 3-6 12/16/02	RAA12-P8 0-1 12/11/02
Furans						
2,3,7,8-TCDF	ND(0.00000025)	NA	0.0000066 J	NA	ND(0.00000033)	ND(0.0000012) X
TCDFs (total)	ND(0.00000025)	NA	0.000042	NA	ND(0.00000033)	0.0000024 Q
1,2,3,7,8-PeCDF	ND(0.00000057)	NA	ND(0.0000030) X	NA	ND(0.00000062)	0.00000081 J
2,3,4,7,8-PeCDF	ND(0.00000057)	NA	0.0000047 J	NA	ND(0.00000062)	ND(0.0000018) XQ
PeCDFs (total)	ND(0.00000057)	NA	0.000041	NA	ND(0.00000062)	0.000011 Q
1,2,3,4,7,8-HxCDF	ND(0.00000057)	NA	ND(0.0000034) X	NA	ND(0.00000062)	ND(0.0000021)
1,2,3,6,7,8-HxCDF	ND(0.00000057)	NA	0.0000023 J	NA	ND(0.00000062)	0.00000084 J
1,2,3,7,8,9-HxCDF	ND(0.00000057)	NA	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)
2,3,4,6,7,8-HxCDF	ND(0.00000057)	NA	ND(0.0000040) X	NA	ND(0.00000062)	0.0000012 J
HxCDFs (total)	ND(0.00000057)	NA	0.000035	NA	ND(0.00000062)	0.000013
1,2,3,4,6,7,8-HpCDF	ND(0.00000057)	NA	0.0000099 J	NA	ND(0.00000062)	0.0000019 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000057)	NA	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)
HpCDFs (total)	ND(0.00000057)	NA	0.0000099	NA	ND(0.00000062)	0.0000019
OCDF	ND(0.0000011)	NA	ND(0.0000076) X	NA	ND(0.0000012)	ND(0.00000040) X
Dioxins						
2,3,7,8-TCDD	ND(0.00000035)	NA	ND(0.0000015)	NA	ND(0.00000027)	ND(0.0000012)
TCDDs (total)	ND(0.00000066)	NA	ND(0.0000015)	NA	ND(0.00000061)	ND(0.0000012)
1,2,3,7,8-PeCDD	ND(0.00000057)	NA	ND(0.0000024)	NA	ND(0.00000062)	ND(0.0000021)
PeCDDs (total)	ND(0.0000010)	NA	ND(0.0000047)	NA	ND(0.0000010)	ND(0.0000031)
1,2,3,4,7,8-HxCDD	ND(0.00000058)	NA	ND(0.0000029)	NA	ND(0.00000062)	ND(0.0000021)
1,2,3,6,7,8-HxCDD	ND(0.00000057)	NA	ND(0.0000027)	NA	ND(0.00000062)	ND(0.0000021)
1,2,3,7,8,9-HxCDD	ND(0.00000057)	NA	ND(0.0000027)	NA	ND(0.00000062)	ND(0.0000021)
HxCDDs (total)	ND(0.00000084)	NA	ND(0.0000041)	NA	ND(0.00000099)	ND(0.0000044)
1,2,3,4,6,7,8-HpCDD	ND(0.00000039) X	NA	ND(0.0000048) X	NA	0.00000058 J	0.0000036 J
HpCDDs (total)	ND(0.00000057)	NA	0.0000042	NA	0.00000058	0.0000060
OCDD	ND(0.0000018)	NA	ND(0.000029)	NA	ND(0.0000023)	0.000018 J
Total TEQs (WHO TEFs)	0.00000084	NA	0.0000063	NA	0.00000086	0.0000030
Inorganics						
Antimony	ND(6.0)	NA	ND(6.00)	NA	ND(6.00)	ND(6.00) J
Arsenic	2.40	NA	6.70	NA	2.90	5.30 J
Barium	5.50 B	NA	17.0 B	NA	27.0	14.0 J
Beryllium	0.260 B	NA	0.170 B	NA	0.400 B	ND(0.50)
Cadmium	0.300 B	NA	0.450 B	NA	0.310 B	0.410 B
Chromium	4.00	NA	7.40	NA	11.0	4.90
Cobalt	6.90	NA	11.0	NA	9.90	7.10
Copper	10.0	NA	28.0	NA	21.0	20.0 J
Cyanide	ND(0.120)	NA	ND(0.110)	NA	ND(0.130)	ND(0.220)
Lead	4.20	NA	21.0	NA	12.0	18.0
Mercury	ND(0.120)	NA	0.310	NA	0.0480 B	0.270
Nickel	10.0	NA	18.0	NA	20.0	10.0 J
Selenium	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)	ND(1.00) J
Silver	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	22.0	NA	22.0	NA	20.0	22.0 J
Thallium	ND(1.20) J	NA	ND(1.10) J	NA	ND(1.30) J	ND(1.10)
Tin	ND(10.0)	NA	ND(10.0)	NA	ND(10.0)	ND(10.0)
Vanadium	3.80 B	NA	6.10	NA	11.0	4.40 B
Zinc	48.0	NA	62.0	NA	57.0	33.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA12-P8	RAA12-P8	RAA12-P12	RAA12-P12	RAA12-P21	RAA12-Q5
Sample Depth(Feet):	3-4	3-6	3-4	3-6	0-1	0-1
Parameter Date Collected:	12/11/02	12/11/02	12/10/02	12/10/02	08/07/02	12/17/02
Volatile Organics						
Acetone	ND(0.021)	NA	ND(0.028)	NA	ND(0.023)	ND(0.022)
Benzene	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Carbon Disulfide	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Chlorobenzene	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Tetrachloroethene	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	0.0028 J
Toluene	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Trichloroethene	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Vinyl Chloride	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Xylenes (total)	ND(0.0054)	NA	ND(0.0070)	NA	ND(0.0058)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	R	ND(0.38)	ND(0.36)
1,3-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
1,4-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
2-Methylnaphthalene	NA	ND(0.36)	NA	0.12 J	ND(0.38)	11
2-Methylphenol	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	0.084 J
3&4-Methylphenol	NA	ND(0.72)	NA	ND(0.94)	ND(0.78)	0.27 J
Acenaphthene	NA	ND(0.36)	NA	0.21 J	ND(0.38)	4.9
Acenaphthylene	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	8.9 J
Aniline	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
Anthracene	NA	ND(0.36)	NA	0.45 J	0.084 J	14
Benzo(a)anthracene	NA	ND(0.36)	NA	0.88	0.32 J	14
Benzo(a)pyrene	NA	ND(0.36)	NA	0.55	0.30 J	11
Benzo(b)fluoranthene	NA	ND(0.36)	NA	0.66	0.34 J	12
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	0.31 J	0.27 J	6.7
Benzo(k)fluoranthene	NA	ND(0.36)	NA	0.31 J	0.26 J	5.4
bis(2-Ethylhexyl)phthalate	NA	ND(0.35)	NA	ND(0.46)	ND(0.38)	ND(0.36)
Butylbenzylphthalate	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
Chrysene	NA	ND(0.36) J	NA	0.72	0.32 J	14
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	1.8
Dibenzofuran	NA	ND(0.36)	NA	0.13 J	ND(0.38)	5.9
Di-n-Butylphthalate	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
Di-n-Octylphthalate	NA	ND(0.36)	NA	ND(0.47)	ND(0.38)	ND(0.36)
Fluoranthene	NA	ND(0.36)	NA	1.6	0.56	39
Fluorene	NA	ND(0.36)	NA	0.25 J	ND(0.38)	14
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	NA	0.29 J	0.17 J	6.1
Naphthalene	NA	ND(0.36)	NA	0.22 J	ND(0.38)	22
p-Dimethylaminoazobenzene	NA	ND(0.72)	NA	ND(0.94)	ND(0.78)	ND(0.73)
Phenacetin	NA	ND(0.72)	NA	ND(0.94)	ND(0.78)	ND(0.73)
Phenanthrene	NA	ND(0.36)	NA	2.0	0.34 J	58
Pyrene	NA	ND(0.36)	NA	1.6 J	0.58	37
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-P8 3-4 12/11/02	RAA12-P8 3-6 12/11/02	RAA12-P12 3-4 12/10/02	RAA12-P12 3-6 12/10/02	RAA12-P21 0-1 08/07/02	RAA12-Q5 0-1 12/17/02
Furans						
2,3,7,8-TCDF	NA	ND(0.00000022)	NA	0.000021 Y	0.000020 Y	0.0000036 J
TCDFs (total)	NA	ND(0.00000022)	NA	0.00015 Q	0.00012	0.00012 Q
1,2,3,7,8-PeCDF	NA	ND(0.00000014) X	NA	0.0000092 J	0.000013	ND(0.0000027) X
2,3,4,7,8-PeCDF	NA	ND(0.00000056)	NA	0.000013 J	0.000012	0.000048
PeCDFs (total)	NA	ND(0.00000056)	NA	0.00013 Q	0.00013 Q	0.00048 Q
1,2,3,4,7,8-HxCDF	NA	ND(0.00000056)	NA	0.000018 J	0.000019	0.000014 J
1,2,3,6,7,8-HxCDF	NA	ND(0.00000056)	NA	0.000010 J	0.000010	0.000013 J
1,2,3,7,8,9-HxCDF	NA	ND(0.00000056)	NA	0.0000026 J	0.0000033	ND(0.0000053)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000056)	NA	0.0000066 J	0.0000067	0.000031
HxCDFs (total)	NA	ND(0.00000056)	NA	0.000097	0.000097	0.00037 Q
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000056)	NA	0.000018 J	0.000022	0.000023 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000056)	NA	0.0000054 J	0.0000038	0.0000058 J
HpCDFs (total)	NA	ND(0.00000056)	NA	0.000035	0.000041	0.000062
OCDF	NA	ND(0.0000011)	NA	0.000021 J	0.000021	0.000020 J
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000022)	NA	ND(0.0000010)	ND(0.00000042)	ND(0.0000011)
TCDDs (total)	NA	ND(0.00000068)	NA	0.0000015	0.0000020	ND(0.0000011) Q
1,2,3,7,8-PeCDD	NA	ND(0.00000056)	NA	ND(0.0000012) X	0.00000051 J	0.0000030 J
PeCDDs (total)	NA	ND(0.0000010)	NA	0.0000021	0.0000054 Q	0.000021 Q
1,2,3,4,7,8-HxCDD	NA	ND(0.00000056)	NA	ND(0.0000012) X	0.00000059 J	0.0000025 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000056)	NA	ND(0.0000013) X	0.0000010 J	0.0000060 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000056)	NA	0.0000011 J	0.00000086 J	ND(0.0000036)
HxCDDs (total)	NA	ND(0.0000011)	NA	0.0000038	0.0000089	0.000040 Q
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000039)	NA	0.0000051 J	0.0000096	0.000012 J
HpCDDs (total)	NA	ND(0.00000039)	NA	0.0000092	0.000019	0.000025
OCDD	NA	ND(0.0000014)	NA	ND(0.000026)	0.000082	ND(0.000060)
Total TEQs (WHO TEFs)	NA	0.00000075	NA	0.000014	0.000014	0.000035
Inorganics						
Antimony	NA	ND(6.00) J	NA	ND(6.00)	1.40 B	ND(6.00)
Arsenic	NA	0.430 J	NA	5.90 J	11.0	6.10
Barium	NA	7.10 J	NA	140 J	84.0	22.0
Beryllium	NA	ND(0.50)	NA	ND(0.50)	0.410 B	0.260 B
Cadmium	NA	0.130 B	NA	0.970	0.980	0.260 B
Chromium	NA	3.70	NA	21.0	11.0	7.00
Cobalt	NA	4.00 B	NA	9.60	5.60	8.10
Copper	NA	5.60 J	NA	62.0	100	22.0
Cyanide	NA	ND(0.110)	NA	ND(0.140)	0.250	ND(0.110)
Lead	NA	3.40	NA	540 J	690	34.0
Mercury	NA	0.0820 B	NA	42.0 J	ND(0.120)	0.0820 B
Nickel	NA	9.10 J	NA	17.0	11.0	15.0
Selenium	NA	ND(1.00) J	NA	ND(1.00)	ND(1.00)	1.10
Silver	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	26.0 J	NA	31.0	22.0	ND(5.40)
Thallium	NA	ND(1.10)	NA	ND(1.40) J	ND(1.70) J	ND(1.10)
Tin	NA	ND(10.0)	NA	41.0 J	45.0	ND(10.0)
Vanadium	NA	3.00 B	NA	12.0	22.0	7.00
Zinc	NA	26.0	NA	170 J	150	46.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-Q13 0-1 12/05/02	RAA12-Q21 0-1 08/07/02	RAA12-Q22 0-1 08/07/02	RAA12-R4 0-1 12/16/02	RAA12-R8 0-1 12/10/02
Volatile Organics					
Acetone	ND(0.021)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
Benzene	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Carbon Disulfide	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055) J	ND(0.0056)
Chlorobenzene	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Tetrachloroethene	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Toluene	0.0095	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Trichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Vinyl Chloride	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Xylenes (total)	ND(0.0053)	ND(0.0055)	ND(0.0056)	ND(0.0055)	ND(0.0056)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,3-Dichlorobenzene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
1,4-Dichlorobenzene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Methylnaphthalene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
2-Methylphenol	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
3&4-Methylphenol	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Acenaphthene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Acenaphthylene	ND(0.43)	ND(0.36)	0.12 J	ND(0.37)	ND(0.37)
Aniline	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Anthracene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Benzo(a)anthracene	ND(0.43)	ND(0.36)	0.29 J	0.36 J	0.14 J
Benzo(a)pyrene	ND(0.43)	ND(0.36)	0.27 J	0.30 J	0.12 J
Benzo(b)fluoranthene	ND(0.43)	ND(0.36)	0.33 J	0.36 J	0.15 J
Benzo(g,h,i)perylene	ND(0.43)	ND(0.36)	0.29 J	0.23 J	0.079 J
Benzo(k)fluoranthene	ND(0.43)	ND(0.36)	0.23 J	0.14 J	0.087 J
bis(2-Ethylhexyl)phthalate	0.33 J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Butylbenzylphthalate	0.24 J	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Chrysene	ND(0.43)	ND(0.36)	0.34 J	0.28 J	0.11 J
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Dibenzofuran	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Di-n-Butylphthalate	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Di-n-Octylphthalate	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Fluoranthene	0.098 J	ND(0.36)	0.44	0.53	0.13 J
Fluorene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.43)	ND(0.36)	0.24 J	0.17 J	0.075 J
Naphthalene	ND(0.43)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Phenacetin	ND(0.71)	ND(0.74)	ND(0.75)	ND(0.74)	ND(0.74)
Phenanthrene	ND(0.43)	ND(0.36)	0.16 J	0.31 J	ND(0.37)
Pyrene	0.087 J	ND(0.36)	0.59	0.58	0.19 J
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Q13 0-1 12/05/02	RAA12-Q21 0-1 08/07/02	RAA12-Q22 0-1 08/07/02	RAA12-R4 0-1 12/16/02	RAA12-R8 0-1 12/10/02
Furans					
2,3,7,8-TCDF	ND(0.0000016)	0.0000042 Y	0.000013 Y	ND(0.0000018)	0.0000032 J
TCDFs (total)	ND(0.0000016)	0.000021	0.000054	0.000021	0.000020
1,2,3,7,8-PeCDF	ND(0.00000082) X	0.0000020 J	0.0000085 J	0.00000067 J	0.0000012 J
2,3,4,7,8-PeCDF	ND(0.0000014)	0.0000023 J	0.000012 J	0.0000057 J	0.0000030 J
PeCDFs (total)	0.0000091	0.000020	0.000092	0.000073	0.000032
1,2,3,4,7,8-HxCDF	0.0000020 J	0.0000041 J	0.000016 J	ND(0.0000025)	0.0000020 J
1,2,3,6,7,8-HxCDF	ND(0.0000016)	0.0000025 J	0.000010 J	0.0000016 J	ND(0.0000020) X
1,2,3,7,8,9-HxCDF	ND(0.0000027)	0.00000064 J	ND(0.0000021) X	ND(0.0000025)	ND(0.0000014)
2,3,4,6,7,8-HxCDF	0.0000010 J	0.0000018 J	ND(0.0000067) X	ND(0.0000029) X	0.0000043 J
HxCDFs (total)	0.000012	0.000025	0.000086	0.000030	0.000049
1,2,3,4,6,7,8-HpCDF	ND(0.0000032)	0.000014	0.000021 J	0.0000018 J	0.0000057 J
1,2,3,4,7,8,9-HpCDF	0.00000080 J	0.0000015 J	0.0000049 J	ND(0.0000025)	0.00000074 J
HpCDFs (total)	0.0000040	0.000032	0.000040	0.0000036	0.000014
OCDF	0.0000038 J	0.000031	0.000022 J	ND(0.0000049)	0.0000029 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000011)	0.0000071	ND(0.0000043)	ND(0.0000017)	ND(0.00000058)
TCDDs (total)	ND(0.0000035)	0.0000071	ND(0.0000043)	ND(0.0000017)	ND(0.0000012)
1,2,3,7,8-PeCDD	ND(0.0000027)	ND(0.00000052)	ND(0.0000028) J	ND(0.0000025)	ND(0.0000014)
PeCDDs (total)	ND(0.0000048)	ND(0.00000087)	ND(0.0000048) J	ND(0.0000042)	ND(0.0000014)
1,2,3,4,7,8-HxCDD	ND(0.0000027)	ND(0.00000063)	ND(0.0000028)	ND(0.0000025)	ND(0.0000014)
1,2,3,6,7,8-HxCDD	ND(0.0000027)	0.0000012 J	ND(0.0000028)	ND(0.0000025)	0.00000070 J
1,2,3,7,8,9-HxCDD	ND(0.0000027)	ND(0.00000057)	ND(0.0000028)	ND(0.0000025)	ND(0.0000014)
HxCDDs (total)	ND(0.0000057)	0.0000072	0.0000045	ND(0.0000041)	0.0000023
1,2,3,4,6,7,8-HpCDD	ND(0.0000046)	0.000022	0.000014 J	0.0000029 J	ND(0.0000036)
HpCDDs (total)	0.0000096	0.000039	0.000026	0.0000029	ND(0.0000067)
OCDD	ND(0.000030)	0.00016	0.000085	ND(0.000014)	ND(0.000014)
Total TEQs (WHO TEFs)	0.0000033	0.000011	0.000015	0.0000061	0.0000040
Inorganics					
Antimony	ND(6.00)	0.880 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	4.20	6.00	3.60	5.70	5.80 J
Barium	14.0 B	54.0	49.0	17.0 B	28.0 J
Beryllium	0.200 B	0.280 B	0.220 B	0.200 B	ND(0.50)
Cadmium	0.170 B	0.640	0.450 B	0.380 B	0.440 B
Chromium	4.00	7.40	3.10	7.20	7.40
Cobalt	5.80	17.0	3.40 B	8.20	7.80
Copper	17.0	25.0	25.0	26.0	26.0
Cyanide	ND(0.110)	0.170	0.160	ND(0.110)	ND(0.110)
Lead	13.0	180	35.0	19.0	79.0 J
Mercury	0.0610 B	0.450	ND(0.110)	0.0420 B	0.620 J
Nickel	9.20	12.0	4.90	13.0	13.0
Selenium	ND(1.00) J	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	17.0	14.0	27.0	20.0	130
Thallium	ND(1.10)	ND(1.60) J	ND(1.70) J	ND(1.10) J	0.100 J
Tin	5.50 B	15.0	31.0	ND(10.0)	4.70 J
Vanadium	16.0	12.0	8.50	7.10	6.20
Zinc	39.0	72.0	49.0	40.0	92.0 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R8 1-3 12/10/02	RAA12-R8 6-8 12/10/02	RAA12-R8 6-10 12/10/02	RAA12-R10 0-1 12/10/02	RAA12-R12 0-1 12/09/02	RAA12-R12 1-3 12/09/02
Volatile Organics						
Acetone	ND(0.025)	ND(0.024)	NA	ND(0.022)	ND(0.023)	ND(0.023)
Benzene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Carbon Disulfide	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Chlorobenzene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Tetrachloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Toluene	ND(0.0062)	ND(0.0059)	NA	0.0066	ND(0.0058)	ND(0.0057)
Trichloroethene	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Vinyl Chloride	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Xylenes (total)	ND(0.0062)	ND(0.0059)	NA	ND(0.0056)	ND(0.0058)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
1,3-Dichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
1,4-Dichlorobenzene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
2-Methylnaphthalene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.11 J
2-Methylphenol	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
3&4-Methylphenol	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)
Acenaphthene	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.25 J
Acenaphthylene	4.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.21 J
Aniline	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
Anthracene	1.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.69
Benzo(a)anthracene	7.1	NA	ND(0.39)	ND(0.37)	ND(0.39)	1.8
Benzo(a)pyrene	8.3	NA	ND(0.39)	ND(0.37)	0.10 J	1.4
Benzo(b)fluoranthene	8.1	NA	ND(0.39)	ND(0.37)	0.10 J	1.6
Benzo(g,h,i)perylene	6.8	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.91
Benzo(k)fluoranthene	3.4	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.55
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(0.39)	ND(0.37)	ND(0.38)	ND(0.38)
Butylbenzylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
Chrysene	6.6	NA	ND(0.39)	ND(0.37)	ND(0.39)	1.3
Dibenzo(a,h)anthracene	1.9	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.26 J
Dibenzofuran	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
Di-n-Butylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
Di-n-Octylphthalate	ND(0.42)	NA	ND(0.39)	ND(0.37)	ND(0.39)	ND(0.38)
Fluoranthene	5.8	NA	ND(0.39)	ND(0.37)	0.082 J	2.8
Fluorene	0.78	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.22 J
Indeno(1,2,3-cd)pyrene	6.3	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.87
Naphthalene	0.81	NA	ND(0.39)	ND(0.37)	ND(0.39)	0.33 J
p-Dimethylaminoazobenzene	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)
Phenacetin	ND(0.84)	NA	ND(0.79)	ND(0.75)	ND(0.78)	ND(0.77)
Phenanthrene	2.0	NA	ND(0.39)	ND(0.37)	ND(0.39)	2.3
Pyrene	6.6	NA	ND(0.39)	ND(0.37)	0.10 J	2.8
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	--
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	--
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	ND(0.37) [ND(0.36)]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-R8 1-3 12/10/02	RAA12-R8 6-8 12/10/02	RAA12-R8 6-10 12/10/02	RAA12-R10 0-1 12/10/02	RAA12-R12 0-1 12/09/02	RAA12-R12 1-3 12/09/02
Furans						
2,3,7,8-TCDF	0.000038 Y	NA	ND(0.00000026)	0.0000012 J	0.0000089 Y	0.000031 Y
TCDFs (total)	0.00036	NA	ND(0.00000026)	0.0000099	0.00011	0.00032 Q
1,2,3,7,8-PeCDF	0.000013 J	NA	ND(0.00000054)	0.00000071 J	0.000028	0.000032
2,3,4,7,8-PeCDF	0.000017 JQ	NA	ND(0.00000054)	0.0000018 J	0.000035	0.00011
PeCDFs (total)	0.00025 Q	NA	ND(0.00000054)	0.000020 Q	0.00038	0.00076 Q
1,2,3,4,7,8-HxCDF	0.000016 J	NA	ND(0.00000054)	0.0000024 J	0.000070	0.00038
1,2,3,6,7,8-HxCDF	0.000011 J	NA	ND(0.00000054)	0.0000010 J	0.000059	0.00019
1,2,3,7,8,9-HxCDF	0.0000031 J	NA	ND(0.00000054)	0.00000048 J	0.0000044 J	0.000068
2,3,4,6,7,8-HxCDF	0.000019 J	NA	ND(0.00000054)	0.0000021 J	0.000012 J	0.00012
HxCDFs (total)	0.00021	NA	ND(0.00000054)	0.000026	0.00036	0.0015
1,2,3,4,6,7,8-HpCDF	0.000030	NA	0.00000021 J	0.0000034 J	0.000037	0.00021
1,2,3,4,7,8,9-HpCDF	0.0000035 J	NA	ND(0.00000054)	0.0000013 J	0.0000053 J	0.00013
HpCDFs (total)	0.000061	NA	0.00000021	0.0000092	0.000059	0.00051
OCDF	0.000019 J	NA	ND(0.0000011)	0.0000049 J	0.000017 J	0.00018
Dioxins						
2,3,7,8-TCDD	ND(0.0000014)	NA	ND(0.00000024)	ND(0.00000020)	ND(0.00000093)	ND(0.0000011)
TCDDs (total)	0.0000027	NA	ND(0.00000062)	ND(0.00000036)	ND(0.0000031)	0.0000011
1,2,3,7,8-PeCDD	0.0000017 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.00000080)	ND(0.0000024)
PeCDDs (total)	0.000012 Q	NA	ND(0.00000091)	0.00000013 Q	ND(0.0000048)	0.0000032 Q
1,2,3,4,7,8-HxCDD	0.0000018 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	0.0000017 J
1,2,3,6,7,8-HxCDD	0.0000016 J	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	0.0000033 J
1,2,3,7,8,9-HxCDD	ND(0.0000012) X	NA	ND(0.00000054)	ND(0.00000051)	ND(0.0000023)	ND(0.0000024)
HxCDDs (total)	0.000018	NA	ND(0.0000010)	0.00000097	0.0000018	0.000022
1,2,3,4,6,7,8-HpCDD	0.000011 J	NA	ND(0.00000047) X	ND(0.0000013)	ND(0.000016)	0.000022 J
HpCDDs (total)	0.000011	NA	ND(0.00000019)	ND(0.0000026)	0.000033	0.000048
OCDD	ND(0.000047)	NA	ND(0.0000019)	ND(0.0000088)	0.00016	0.00012
Total TEQs (WHO TEFs)	0.000021	NA	0.00000075	0.0000021	0.000036	0.00014
Inorganics						
Antimony	3.40 B	NA	ND(6.00)	ND(6.00)	ND(6.00)	2.30 B
Arsenic	7.60 J	NA	3.40 J	3.10 J	1.90	7.10
Barium	99.0 J	NA	16.0 J	56.0 J	47.0	61.0
Beryllium	ND(0.50)	NA	ND(0.50)	ND(0.50)	0.140 B	0.260 B
Cadmium	0.640	NA	0.370 B	0.370 B	0.440 B	0.820
Chromium	7.70	NA	5.20	6.00	7.90	9.10
Cobalt	5.20	NA	8.00	6.80	4.40 B	6.70
Copper	53.0	NA	14.0	9.00	15.0	65.0
Cyanide	0.290	NA	ND(0.120)	ND(0.220)	ND(0.120)	ND(0.230)
Lead	680 J	NA	5.90 J	6.20 J	31.0	190
Mercury	0.520 J	NA	ND(0.120) J	0.0660 J	0.0630 B	0.700
Nickel	10.0	NA	13.0	10.0	8.20	17.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	0.400 B
Sulfide	36.0	NA	29.0	100	23.0	18.0
Thallium	ND(1.20) J	NA	0.200 J	ND(1.10) J	ND(1.20)	ND(1.10)
Tin	62.0 J	NA	ND(10.0) J	ND(10.0) J	ND(10.0)	22.0
Vanadium	8.90	NA	5.60	8.10	6.20	12.0
Zinc	170 J	NA	38.0 J	29.0 J	44.0	250

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-R12 3-6 12/09/02	RAA12-R12 6-8 12/09/02	RAA12-R12 6-10 12/09/02	RAA12-R12 10-15 12/09/02	RAA12-R12 12-13 12/09/02	RAA12-R13 0-1 12/09/02	RAA12-R16 3-6 08/08/02
Volatile Organics							
Acetone	NA	0.033	NA	NA	ND(0.025)	ND(0.021)	NA
Benzene	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Carbon Disulfide	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Chlorobenzene	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Tetrachloroethene	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Toluene	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Trichloroethene	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Vinyl Chloride	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Xylenes (total)	NA	ND(0.0069)	NA	NA	ND(0.0063)	ND(0.0053)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
1,2,4-Trichlorobenzene	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
1,3-Dichlorobenzene	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
1,4-Dichlorobenzene	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
2-Methylnaphthalene	NA	NA	0.096 J	ND(0.42)	NA	ND(0.35)	0.090 J
2-Methylphenol	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
3&4-Methylphenol	NA	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)
Acenaphthene	NA	NA	0.97	ND(0.42)	NA	ND(0.35)	ND(0.41)
Acenaphthylene	NA	NA	0.33 J	ND(0.42)	NA	ND(0.35)	0.37 J
Aniline	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	0.30 J
Anthracene	NA	NA	0.32 J	ND(0.42)	NA	ND(0.35)	0.21 J
Benzo(a)anthracene	NA	NA	0.74	ND(0.42)	NA	ND(0.35)	1.4
Benzo(a)pyrene	NA	NA	1.1	ND(0.42)	NA	ND(0.35)	2.0
Benzo(b)fluoranthene	NA	NA	0.90	ND(0.42)	NA	ND(0.35)	1.3
Benzo(g,h,i)perylene	NA	NA	0.73	ND(0.42)	NA	ND(0.35)	1.4
Benzo(k)fluoranthene	NA	NA	0.38 J	ND(0.42)	NA	ND(0.35)	1.5
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.46)	ND(0.41)	NA	ND(0.35)	ND(0.40)
Butylbenzylphthalate	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
Chrysene	NA	NA	0.60	ND(0.42)	NA	ND(0.35)	1.6
Dibenzo(a,h)anthracene	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
Dibenzofuran	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
Di-n-Butylphthalate	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
Di-n-Octylphthalate	NA	NA	ND(0.46)	ND(0.42)	NA	ND(0.35)	ND(0.41)
Fluoranthene	NA	NA	1.0	ND(0.42)	NA	ND(0.35)	0.90
Fluorene	NA	NA	0.11 J	ND(0.42)	NA	0.12 J	0.086 J
Indeno(1,2,3-cd)pyrene	NA	NA	0.63	ND(0.42)	NA	ND(0.35)	1.0
Naphthalene	NA	NA	0.18 J	ND(0.42)	NA	ND(0.35)	0.17 J
p-Dimethylaminoazobenzene	NA	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82) J
Phenacetin	NA	NA	ND(0.93)	ND(0.84)	NA	ND(0.71)	ND(0.82)
Phenanthrene	NA	NA	0.47	ND(0.42)	NA	0.082 J	0.34 J
Pyrene	NA	NA	1.3	ND(0.42)	NA	ND(0.35)	4.0
Organochlorine Pesticides							
None Detected	NA	NA	NA	--	NA	--	NA
Organophosphate Pesticides							
None Detected	NA	NA	NA	--	NA	--	NA
Herbicides							
2,4,5-TP	NA	NA	NA	ND(0.40)	NA	ND(0.34)	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R12 3-6 12/09/02	RAA12-R12 6-8 12/09/02	RAA12-R12 6-10 12/09/02	RAA12-R12 10-15 12/09/02	RAA12-R12 12-13 12/09/02	RAA12-R13 0-1 12/09/02	RAA12-R16 3-6 08/08/02
Furans							
2,3,7,8-TCDF	NA	NA	0.000012 J	ND(0.00000069)	NA	0.00000074 J	0.000068 Y
TCDFs (total)	NA	NA	0.00010 Q	ND(0.00000066)	NA	0.0000012	0.00033
1,2,3,7,8-PeCDF	NA	NA	0.0000062 J	ND(0.0000017)	NA	0.00000056 J	0.000036
2,3,4,7,8-PeCDF	NA	NA	0.000011 J	ND(0.00000036)	NA	ND(0.00000063)	0.000025 Q
PeCDFs (total)	NA	NA	0.000097 Q	ND(0.0000016)	NA	0.0000020	0.00029 Q
1,2,3,4,7,8-HxCDF	NA	NA	0.000021 J	ND(0.00000042)	NA	ND(0.0000010)	0.000087
1,2,3,6,7,8-HxCDF	NA	NA	0.000011 J	ND(0.00000049)	NA	ND(0.00000064)	0.000039
1,2,3,7,8,9-HxCDF	NA	NA	0.0000043 J	ND(0.0000017)	NA	ND(0.0000020)	0.000014
2,3,4,6,7,8-HxCDF	NA	NA	0.0000082 J	ND(0.0000017)	NA	0.00000045 J	0.000015
HxCDFs (total)	NA	NA	0.00010	ND(0.0000016)	NA	0.0000023	0.00031 Q
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000017 J	0.00000058 J	NA	0.0000013 J	0.000067 Q
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000071 J	ND(0.0000017)	NA	ND(0.0000020)	0.000041
HpCDFs (total)	NA	NA	0.000038	0.00000058	NA	ND(0.0000013)	0.00016 Q
OCDF	NA	NA	0.000014 J	ND(0.0000033)	NA	0.0000018 J	0.00011
Dioxins							
2,3,7,8-TCDD	NA	NA	ND(0.0000014)	ND(0.00000066)	NA	ND(0.00000069)	0.00000050 J
TCDDs (total)	NA	NA	0.0000015	ND(0.0000023)	NA	ND(0.0000025)	0.0000066
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	0.0000012 J
PeCDDs (total)	NA	NA	ND(0.0000075)	ND(0.0000026)	NA	ND(0.0000033)	0.000010 Q
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	0.0000013 J
1,2,3,6,7,8-HxCDD	NA	NA	0.0000022 J	ND(0.0000017)	NA	ND(0.0000020)	0.0000020 J
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000034)	ND(0.0000017)	NA	ND(0.0000020)	ND(0.0000016) X
HxCDDs (total)	NA	NA	0.000015	ND(0.0000033)	NA	ND(0.0000037)	0.000024 Q
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.0000062)	ND(0.0000012)	NA	ND(0.0000051)	0.000011
HpCDDs (total)	NA	NA	ND(0.000012)	ND(0.0000012)	NA	0.0000091	0.000020
OCDD	NA	NA	ND(0.000024)	ND(0.0000051)	NA	ND(0.000032)	0.000046
Total TEQs (WHO TEFs)	NA	NA	0.000015	0.0000018	NA	0.0000022	0.000040
Inorganics							
Antimony	1.30 B	NA	ND(6.00)	ND(6.00)	NA	ND(6.00)	2.60 J
Arsenic	22.0	NA	16.0	1.30	NA	2.80	4.70
Barium	190	NA	190	14.0 B	NA	25.0	48.0 J
Beryllium	0.230 B	NA	0.410 B	0.230 B	NA	0.120 B	0.280 B
Cadmium	0.540	NA	0.460 B	ND(0.500)	NA	ND(0.500)	1.50
Chromium	9.10	NA	23.0	6.40	NA	4.30	20.0 J
Cobalt	5.00 B	NA	8.90	5.20	NA	5.20	6.20
Copper	98.0	NA	89.0	7.50	NA	14.0	160 J
Cyanide	1.00	NA	0.130 B	ND(0.120)	NA	ND(0.210)	0.450
Lead	890	NA	520	4.40	NA	3.90	310
Mercury	1.10	NA	0.750	ND(0.120)	NA	ND(0.110)	0.560 J
Nickel	12.0	NA	22.0	8.90	NA	7.30	13.0 J
Selenium	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	150	NA	200	41.0	NA	12.0	78.0 J
Thallium	ND(1.20)	NA	ND(1.40)	ND(1.20)	NA	ND(1.10)	ND(1.80)
Tin	ND(11.0)	NA	ND(10.0)	ND(10.0)	NA	ND(10.0)	100 J
Vanadium	9.50	NA	12.0	5.10	NA	11.0	7.90
Zinc	270	NA	260	30.0	NA	22.0	230 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R16 10-15 08/08/02	RAA12-R16 12-14 08/08/02	RAA12-R17 0-1 08/06/02	RAA12-R18 0-1 08/06/02	RAA12-R18 1-3 08/06/02
Volatile Organics					
Acetone	NA	ND(0.024)	ND(0.021)	ND(0.021)	ND(0.025)
Benzene	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Carbon Disulfide	NA	ND(0.0061) J	ND(0.0052)	ND(0.0052)	ND(0.0063)
Chlorobenzene	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Tetrachloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Toluene	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Trichloroethene	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Vinyl Chloride	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Xylenes (total)	NA	ND(0.0061)	ND(0.0052)	ND(0.0052)	ND(0.0063)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
1,3-Dichlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
1,4-Dichlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
2-Methylnaphthalene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
2-Methylphenol	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
3&4-Methylphenol	ND(0.82) [ND(0.77)]	NA	ND(0.70)	ND(0.70)	ND(0.85)
Acenaphthene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Acenaphthylene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Aniline	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Benzo(a)anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	0.11 J
Benzo(a)pyrene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Benzo(b)fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	0.11 J
Benzo(g,h,i)perylene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Benzo(k)fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	0.14 J
bis(2-Ethylhexyl)phthalate	0.33 J [ND(0.38)]	NA	ND(0.34)	ND(0.34)	ND(0.42)
Butylbenzylphthalate	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Chrysene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	0.15 J
Dibenzo(a,h)anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Dibenzofuran	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Di-n-Butylphthalate	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Di-n-Octylphthalate	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	0.095 J
Fluorene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Naphthalene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.82) J [ND(0.77)]	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J
Phenacetin	ND(0.82) [ND(0.77)]	NA	ND(0.70) J	ND(0.70) J	ND(0.85) J
Phenanthrene	ND(0.40) [ND(0.38)]	NA	ND(0.35)	ND(0.35)	ND(0.42)
Pyrene	ND(0.40) [ND(0.38)]	NA	0.071 J	ND(0.35)	0.24 J
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
2,4,5-TP	ND(0.39) [ND(0.37)]	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R16 10-15 08/08/02	RAA12-R16 12-14 08/08/02	RAA12-R17 0-1 08/06/02	RAA12-R18 0-1 08/06/02	RAA12-R18 1-3 08/06/02
Furans					
2,3,7,8-TCDF	ND(0.00000024)	NA	0.0000011 Y	0.00000091 J	0.0000027 Y
TCDFs (total)	ND(0.00000024)	NA	0.000011	0.0000069	0.000041
1,2,3,7,8-PeCDF	ND(0.00000030)	NA	0.0000016 J	0.00000069 J	0.0000027 J
2,3,4,7,8-PeCDF	ND(0.00000030)	NA	0.0000012 J	0.00000071 J	0.0000035
PeCDFs (total)	ND(0.00000030)	NA	0.0000095	0.0000081	0.000026
1,2,3,4,7,8-HxCDF	ND(0.00000030)	NA	0.0000018 J	0.00000085 J	0.0000035
1,2,3,6,7,8-HxCDF	ND(0.00000030)	NA	0.00000094 J	ND(0.00000049)	0.0000022 J
1,2,3,7,8,9-HxCDF	ND(0.00000033)	NA	ND(0.00000042)	ND(0.00000012) X	0.00000071 J
2,3,4,6,7,8-HxCDF	ND(0.00000030)	NA	0.00000076 J	ND(0.00000051)	0.0000024 J
HxCDFs (total)	ND(0.00000030)	NA	0.000013	0.0000073	0.000024
1,2,3,4,6,7,8-HpCDF	0.00000021 J	NA	0.0000046	0.0000047	0.0000066
1,2,3,4,7,8,9-HpCDF	ND(0.00000030)	NA	0.00000063 J	0.00000026 J	0.00000079 J
HpCDFs (total)	0.00000021	NA	0.000011	0.000010	0.000010
OCDF	0.0000010 J	NA	0.0000063	0.0000092	0.0000053 J
Dioxins					
2,3,7,8-TCDD	ND(0.00000040)	NA	ND(0.00000021)	0.0000011	ND(0.00000037) X
TCDDs (total)	ND(0.00000040)	NA	ND(0.00000033)	0.0000011	0.0000019
1,2,3,7,8-PeCDD	ND(0.00000030)	NA	ND(0.00000025)	ND(0.00000013) X	ND(0.00000049) X
PeCDDs (total)	ND(0.00000048)	NA	ND(0.00000021)	ND(0.00000013)	0.0000026
1,2,3,4,7,8-HxCDD	ND(0.00000031)	NA	0.00000029 J	ND(0.00000030)	ND(0.00000026) X
1,2,3,6,7,8-HxCDD	ND(0.00000030)	NA	0.0000014 J	0.00000043 J	0.00000036 J
1,2,3,7,8,9-HxCDD	ND(0.00000030)	NA	ND(0.00000054) X	ND(0.00000028)	0.00000028 J
HxCDDs (total)	ND(0.00000030)	NA	0.0000047	0.0000028	0.0000036
1,2,3,4,6,7,8-HpCDD	0.00000034 J	NA	0.000024	0.0000074	0.0000023 J
HpCDDs (total)	0.00000034	NA	0.000041	0.000013	0.0000055
OCDD	0.0000027 J	NA	0.00023	0.000047	0.000016
Total TEQs (WHO TEFs)	0.00000056	NA	0.0000019	0.0000020	0.0000036
Inorganics					
Antimony	ND(6.00) J	NA	ND(6.00)	ND(6.00)	1.70 B
Arsenic	1.10 J	NA	2.90 J	3.40 J	11.0 J
Barium	8.20 J	NA	20.0	32.0	200
Beryllium	0.150 B	NA	0.150 B	0.190 B	0.470 B
Cadmium	0.260 B	NA	0.740 J	0.530 J	1.10 J
Chromium	19.0 J	NA	5.10 J	4.80 J	7.30 J
Cobalt	5.00 B	NA	5.60	5.30	21.0
Copper	9.80 J	NA	22.0	12.0	53.0
Cyanide	ND(0.120)	NA	ND(0.100) J	ND(0.100) J	0.230 J
Lead	5.00	NA	25.0 J	11.0 J	130 J
Mercury	ND(0.120) J	NA	ND(0.100)	ND(0.100)	0.180
Nickel	8.90 J	NA	8.60	8.80	18.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	1.40
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	31.0 J	NA	20.0	10.0	18.0
Thallium	ND(1.80)	NA	ND(1.60) J	ND(1.60) J	ND(1.90) J
Tin	4.90 J	NA	5.60 J	4.20 J	15.0 J
Vanadium	4.50 B	NA	5.80	5.90	14.0
Zinc	30.0 J	NA	65.0 J	64.0 J	200 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R18 6-10 08/06/02	RAA12-R18 8-10 08/06/02	RAA12-R19 0-1 08/07/02	RAA12-R21 3-6 08/07/02	RAA12-R21 4-6 08/07/02	RAA12-S6 0-1 08/27/02
Volatile Organics						
Acetone	NA	ND(0.024)	ND(0.021)	NA	ND(0.024)	ND(0.021)
Benzene	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Carbon Disulfide	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Chlorobenzene	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Tetrachloroethene	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Toluene	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Trichloroethene	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Vinyl Chloride	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Xylenes (total)	NA	ND(0.0061)	ND(0.0054)	NA	ND(0.0061)	ND(0.0052)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
1,3-Dichlorobenzene	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
1,4-Dichlorobenzene	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
2-Methylnaphthalene	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
2-Methylphenol	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
3&4-Methylphenol	ND(0.82)	NA	ND(0.72)	ND(0.82)	NA	ND(0.70)
Acenaphthene	ND(0.41)	NA	0.12 J	ND(0.40)	NA	ND(0.38)
Acenaphthylene	ND(0.41)	NA	0.88	1.2	NA	ND(0.38)
Aniline	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
Anthracene	ND(0.41)	NA	0.69	0.51	NA	ND(0.38)
Benzo(a)anthracene	ND(0.41)	NA	4.0	2.1	NA	0.085 J
Benzo(a)pyrene	ND(0.41)	NA	3.8	2.6	NA	ND(0.38)
Benzo(b)fluoranthene	ND(0.41)	NA	2.7	1.8	NA	ND(0.38)
Benzo(g,h,i)perylene	ND(0.41)	NA	2.5	2.4	NA	0.10 J
Benzo(k)fluoranthene	ND(0.41)	NA	3.0	1.8	NA	0.12 J
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.35)	ND(0.40)	NA	ND(0.35)
Butylbenzylphthalate	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
Chrysene	ND(0.41)	NA	4.3	2.2	NA	0.13 J
Dibenzo(a,h)anthracene	ND(0.41)	NA	0.85	0.58	NA	ND(0.38)
Dibenzofuran	ND(0.41)	NA	0.11 J	ND(0.40)	NA	ND(0.38)
Di-n-Butylphthalate	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
Di-n-Octylphthalate	ND(0.41)	NA	ND(0.35)	ND(0.40)	NA	ND(0.38)
Fluoranthene	ND(0.41)	NA	2.4	1.6	NA	0.095 J
Fluorene	ND(0.41)	NA	0.30 J	ND(0.40)	NA	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.41)	NA	2.2	1.8	NA	ND(0.38)
Naphthalene	ND(0.41)	NA	0.16 J	0.13 J	NA	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.82) J	NA	ND(0.72)	ND(0.82)	NA	ND(0.70)
Phenacetin	ND(0.82) J	NA	ND(0.72)	ND(0.82)	NA	ND(0.70)
Phenanthrene	ND(0.41)	NA	1.4	0.48	NA	ND(0.38)
Pyrene	ND(0.41)	NA	7.0	3.7	NA	0.13 J
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	ND(0.39)	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-R18 6-10 08/06/02	RAA12-R18 8-10 08/06/02	RAA12-R19 0-1 08/07/02	RAA12-R21 3-6 08/07/02	RAA12-R21 4-6 08/07/02	RAA12-S6 0-1 08/27/02
Furans						
2,3,7,8-TCDF	ND(0.00000016)	NA	0.000019 Y	0.000077 Y	NA	0.0000058 YIQ
TCDFs (total)	ND(0.00000016)	NA	0.000065	0.00033 Q	NA	0.00038
1,2,3,7,8-PeCDF	ND(0.00000028)	NA	0.0000078	0.000026	NA	0.0000023 J
2,3,4,7,8-PeCDF	ND(0.00000028)	NA	0.0000050 JQ	0.000021 Q	NA	0.000059
PeCDFs (total)	ND(0.00000028)	NA	0.000046 Q	0.00021 Q	NA	0.00086 I
1,2,3,4,7,8-HxCDF	ND(0.00000028)	NA	0.000019	0.000058	NA	0.0000046
1,2,3,6,7,8-HxCDF	ND(0.00000028)	NA	0.0000095	0.000024	NA	0.000013
1,2,3,7,8,9-HxCDF	ND(0.00000028)	NA	0.0000019 JQ	0.0000064	NA	0.0000030
2,3,4,6,7,8-HxCDF	ND(0.00000028)	NA	0.0000037 J	0.000012	NA	0.000028
HxCDFs (total)	ND(0.00000028)	NA	0.000067 Q	0.00029 Q	NA	0.00038
1,2,3,4,6,7,8-HpCDF	0.00000020 J	NA	0.000024	0.000092 Q	NA	0.000014
1,2,3,4,7,8,9-HpCDF	ND(0.00000028)	NA	0.0000043 J	0.000015	NA	0.0000013 J
HpCDFs (total)	0.00000040	NA	0.000038	0.00017 Q	NA	0.000033
OCDF	ND(0.00000057)	NA	0.000027	0.000068	NA	0.0000071
Dioxins						
2,3,7,8-TCDD	ND(0.00000017)	NA	ND(0.00000077)	ND(0.0000011)	NA	ND(0.00000018) X
TCDDs (total)	ND(0.00000040)	NA	ND(0.00000077)	0.0000096	NA	0.00000031
1,2,3,7,8-PeCDD	ND(0.00000028)	NA	ND(0.00000046) X	0.0000028 JQ	NA	ND(0.0000011) X
PeCDDs (total)	ND(0.00000048)	NA	0.0000019 Q	0.000026 Q	NA	0.0000091
1,2,3,4,7,8-HxCDD	ND(0.00000039)	NA	ND(0.00000075)	0.0000030 J	NA	0.00000064 J
1,2,3,6,7,8-HxCDD	ND(0.00000034)	NA	ND(0.0000010) X	0.0000048 J	NA	0.0000021 J
1,2,3,7,8,9-HxCDD	ND(0.00000035)	NA	0.00000082 J	0.0000044 J	NA	0.0000015 J
HxCDDs (total)	ND(0.00000050)	NA	0.0000074 Q	0.000062 Q	NA	0.000024
1,2,3,4,6,7,8-HpCDD	0.00000058 J	NA	0.000010	0.000030	NA	0.0000072
HpCDDs (total)	0.00000098	NA	0.000020	0.000058	NA	0.000016
OCDD	ND(0.0000042)	NA	0.000079	0.00019	NA	0.000039
Total TEQs (WHO TEFs)	0.00000043	NA	0.0000094	0.000036	NA	0.000036
Inorganics						
Antimony	ND(6.00)	NA	1.10 B	1.20 B	NA	1.40 B
Arsenic	2.30 J	NA	2.80	5.00	NA	4.00
Barium	21.0	NA	42.0	47.0	NA	21.0
Beryllium	0.220 B	NA	0.130 B	0.290 B	NA	0.200 B
Cadmium	0.540 J	NA	ND(0.500)	0.960	NA	0.570
Chromium	6.20 J	NA	11.0	39.0	NA	5.10
Cobalt	5.50	NA	3.70 B	7.10	NA	5.40
Copper	8.90	NA	50.0	87.0	NA	15.0
Cyanide	ND(0.120) J	NA	0.110	0.160	NA	ND(0.210)
Lead	5.90 J	NA	130	120	NA	48.0
Mercury	ND(0.120)	NA	0.370	0.220	NA	0.0600 B
Nickel	9.60	NA	6.70	12.0	NA	11.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	27.0	NA	26.0	37.0	NA	10.0
Thallium	ND(1.80) J	NA	ND(1.60) J	ND(1.80) J	NA	ND(1.60)
Tin	4.00 J	NA	9.70 B	19.0	NA	ND(10.0)
Vanadium	6.10	NA	4.30 B	8.80	NA	6.00
Zinc	36.0 J	NA	83.0	140	NA	47.0

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-S7 0-1 08/27/02	RAA12-S8 0-1 09/10/02	RAA12-S9 0-1 09/10/02	RAA12-S11 0-1 09/10/02	RAA12-S14 0-1 08/06/02
Volatile Organics					
Acetone	ND(0.022)	NA	ND(0.021)	ND(0.023)	ND(0.023) [ND(0.023)]
Benzene	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)	ND(0.0058) [ND(0.0057)]
Carbon Disulfide	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)	ND(0.0058) [ND(0.0057)]
Chlorobenzene	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J	ND(0.0058) [ND(0.0057)]
Tetrachloroethene	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J	ND(0.0058) [ND(0.0057)]
Toluene	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J	ND(0.0058) [ND(0.0057)]
Trichloroethene	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)	ND(0.0058) [ND(0.0057)]
Vinyl Chloride	ND(0.0055)	NA	ND(0.0052)	ND(0.0056)	ND(0.0058) [ND(0.0057)]
Xylenes (total)	ND(0.0055)	NA	ND(0.0052)	ND(0.0056) J	ND(0.0058) [ND(0.0057)]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
1,3-Dichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
2-Methylnaphthalene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
2-Methylphenol	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
3&4-Methylphenol	ND(0.73)	NA	ND(0.70)	ND(0.76)	ND(0.78) [ND(0.77)]
Acenaphthene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
Acenaphthylene	ND(0.36)	NA	ND(0.35)	0.47	0.087 J [0.16 J]
Aniline	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
Anthracene	0.13 J	NA	ND(0.35)	0.33 J	ND(0.39) [0.38]
Benzo(a)anthracene	0.23 J	NA	ND(0.35)	0.79	0.39 J [1.5 J]
Benzo(a)pyrene	0.18 J	NA	ND(0.35)	0.76	0.49 J [2.1 J]
Benzo(b)fluoranthene	ND(0.36)	NA	0.11 J	0.78	0.38 J [1.8 J]
Benzo(g,h,i)perylene	0.21 J	NA	ND(0.35)	1.1	0.48 J [1.7 J]
Benzo(k)fluoranthene	0.34 J	NA	ND(0.35)	0.52	0.46 J [2.2 J]
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.34)	ND(0.37)	ND(0.39) [ND(0.38)]
Butylbenzylphthalate	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
Chrysene	0.21 J	NA	ND(0.35)	1.1	0.45 J [1.3 J]
Dibenzo(a,h)anthracene	ND(0.36)	NA	ND(0.35)	0.27 J	ND(0.39) [0.42]
Dibenzofuran	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
Di-n-Butylphthalate	ND(0.36)	NA	ND(0.35)	0.15 J	ND(0.39) [ND(0.38)]
Di-n-Octylphthalate	ND(0.36)	NA	ND(0.35)	0.13 J	ND(0.39) [ND(0.38)]
Fluoranthene	0.42	NA	ND(0.35)	1.4	0.69 J [3.0 J]
Fluorene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [ND(0.38)]
Indeno(1,2,3-cd)pyrene	0.18 J	NA	ND(0.35)	0.82	0.27 J [1.3 J]
Naphthalene	ND(0.36)	NA	ND(0.35)	ND(0.38)	ND(0.39) [0.091 J]
p-Dimethylaminoazobenzene	ND(0.73)	NA	ND(0.70)	ND(0.76)	ND(0.78) J [ND(0.77) J]
Phenacetin	ND(0.73)	NA	ND(0.70)	0.54 J	ND(0.78) J [ND(0.77) J]
Phenanthrene	0.29 J	NA	ND(0.35)	0.57	0.31 J [1.3 J]
Pyrene	0.64	NA	0.11 J	1.8	0.71 J [3.3 J]
Organochlorine Pesticides					
None Detected	NA	NA	NA	--	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	--	NA
Herbicides					
2,4,5-TP	NA	NA	NA	ND(0.36)	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-S7 0-1 08/27/02	RAA12-S8 0-1 09/10/02	RAA12-S9 0-1 09/10/02	RAA12-S11 0-1 09/10/02	RAA12-S14 0-1 08/06/02
Furans					
2,3,7,8-TCDF	0.000013 Y	NA	ND(0.00000011)	0.000059 YQ	0.000048 Y [0.000035 Y]
TCDFs (total)	0.00014	NA	ND(0.00000011)	0.00068	0.00041 [0.00034]
1,2,3,7,8-PeCDF	0.0000045	NA	ND(0.00000027)	0.000038	0.000024 J [0.000024]
2,3,4,7,8-PeCDF	0.000019	NA	ND(0.00000027)	0.00015	0.000041 [0.000038]
PeCDFs (total)	0.00021 QI	NA	ND(0.00000027)	0.0016	0.00036 [0.00027 Q]
1,2,3,4,7,8-HxCDF	0.0000058	NA	ND(0.00000027)	0.00017	0.00011 [0.00013]
1,2,3,6,7,8-HxCDF	0.0000056	NA	ND(0.00000027)	0.000083	0.000050 [0.000054]
1,2,3,7,8,9-HxCDF	0.0000018 J	NA	ND(0.00000027)	0.000072	0.000015 J [0.000014]
2,3,4,6,7,8-HxCDF	0.000012	NA	ND(0.00000027)	0.00026	0.000031 [0.000034]
HxCDFs (total)	0.00016	NA	0.00000046	0.0032	0.00044 [0.00052]
1,2,3,4,6,7,8-HpCDF	0.000024	NA	0.00000013 J	0.00028	0.00016 [0.00021]
1,2,3,4,7,8,9-HpCDF	0.0000018 J	NA	ND(0.00000027)	0.000062	0.000056 [0.000075]
HpCDFs (total)	0.000049	NA	0.00000013	0.00082	0.00036 [0.00046]
OCDF	0.000024	NA	ND(0.00000054)	0.00016	0.00065 [0.00087]
Dioxins					
2,3,7,8-TCDD	ND(0.00000025)	NA	ND(0.00000015)	0.0000036 J	ND(0.0000064) [0.00000028 J]
TCDDs (total)	0.0000020	NA	ND(0.00000041)	0.000016	0.000016 [0.000018]
1,2,3,7,8-PeCDD	0.00000059 J	NA	ND(0.00000027)	ND(0.000011) X	ND(0.0000026) X [0.0000014 J]
PeCDDs (total)	0.0000073 Q	NA	ND(0.00000044)	0.000042	0.000014 [0.000017 Q]
1,2,3,4,7,8-HxCDD	0.00000065 J	NA	ND(0.00000027)	0.000019 J	ND(0.0000075) [0.0000018 J]
1,2,3,6,7,8-HxCDD	0.0000020 J	NA	ND(0.00000027)	0.000020 J	ND(0.0000067) [0.0000027 J]
1,2,3,7,8,9-HxCDD	0.0000012 J	NA	ND(0.00000016) X	0.000014 J	ND(0.0000068) [0.0000019 J]
HxCDDs (total)	0.000021	NA	ND(0.00000077)	0.00023	ND(0.0000070) [0.000031]
1,2,3,4,6,7,8-HpCDD	0.000014	NA	0.00000039 J	0.00016	0.000030 [0.000021]
HpCDDs (total)	0.000026	NA	0.00000039	0.00032	0.000061 [0.000043]
OCDD	0.00012	NA	ND(0.0000018)	0.00076	0.00020 [0.00014]
Total TEQs (WHO TEFs)	0.000015	NA	0.00000039	0.00016	0.000055 [0.000052]
Inorganics					
Antimony	2.20 B	1.70 B	1.70 B	1.70 B	7.10 [5.10 B]
Arsenic	5.00	2.60	3.00	6.70	20.0 J [11.0 J]
Barium	60.0	21.0	24.0	60.0	290 [190]
Beryllium	0.450 B	0.210 B	0.310 B	0.210 B	0.260 B [0.360 B]
Cadmium	0.860	0.290 B	0.390 B	1.90	3.50 J [1.50 J]
Chromium	6.40	5.00	5.90	11.0	110 J [12.0 J]
Cobalt	5.00 B	5.20	6.60	6.10	9.20 [5.60]
Copper	32.0	9.10	13.0	52.0	150 [110]
Cyanide	ND(0.220)	ND(0.510)	ND(0.520)	ND(0.230)	0.160 J [0.150 J]
Lead	240	4.70	11.0	360	1600 J [350 J]
Mercury	0.270	ND(0.100)	ND(0.100)	0.300 J	0.870 [0.570]
Nickel	9.50	8.50	16.0	14.0	14.0 [12.0]
Selenium	1.40	ND(1.00) J	ND(1.00) J	ND(1.00) J	0.540 B [0.600 B]
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.630 B [0.390 B]
Sulfide	54.0	9.80	8.40	74.0	28.0 [35.0]
Thallium	ND(1.10)	ND(1.00) J	ND(1.00) J	ND(1.10) J	ND(1.80) J [ND(1.70) J]
Tin	ND(13.0)	ND(10.0)	ND(10.0)	ND(12.0)	170 J [49.0 J]
Vanadium	7.40	8.00	7.50	15.0	10.0 [13.0]
Zinc	100	25.0 J	40.0 J	270 J	1300 J [380 J]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-S14 3-6 08/06/02	RAA12-S14 4-6 08/06/02	RAA12-T4 0-1 08/23/02	RAA12-T4 3-6 08/23/02	RAA12-T4 4-6 08/23/02	RAA12-T6 0-1 08/23/02
Volatile Organics						
Acetone	NA	0.034	ND(0.022)	NA	0.068	0.016 J
Benzene	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Carbon Disulfide	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Chlorobenzene	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Tetrachloroethene	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Toluene	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Trichloroethene	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Vinyl Chloride	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Xylenes (total)	NA	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,3-Dichlorobenzene	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
2-Methylnaphthalene	0.084 J	NA	ND(0.36)	0.16 J	NA	ND(0.36)
2-Methylphenol	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
3&4-Methylphenol	ND(0.73)	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Acenaphthene	0.19 J	NA	ND(0.36)	0.27 J	NA	ND(0.36)
Acenaphthylene	0.10 J	NA	ND(0.36)	0.24 J	NA	ND(0.36)
Aniline	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Anthracene	0.36 J	NA	ND(0.36)	1.2	NA	0.38
Benzo(a)anthracene	1.1	NA	ND(0.36)	2.3	NA	0.99
Benzo(a)pyrene	0.96	NA	ND(0.36)	2.0	NA	0.86
Benzo(b)fluoranthene	1.0	NA	ND(0.36)	1.7	NA	0.69
Benzo(g,h,i)perylene	0.71	NA	ND(0.36)	1.6	NA	0.72
Benzo(k)fluoranthene	0.76	NA	ND(0.36)	1.8	NA	0.85
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.36)	ND(0.44)	NA	ND(0.36)
Butylbenzylphthalate	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Chrysene	1.1	NA	ND(0.36)	2.4	NA	1.1
Dibenzo(a,h)anthracene	0.29 J	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Dibenzofuran	0.12 J	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Di-n-Butylphthalate	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Di-n-Octylphthalate	ND(0.36)	NA	ND(0.36)	ND(0.45)	NA	ND(0.36)
Fluoranthene	2.4	NA	ND(0.36)	2.7	NA	1.4
Fluorene	0.21 J	NA	ND(0.36)	0.47	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.63	NA	ND(0.36)	1.3	NA	0.52
Naphthalene	ND(0.36)	NA	ND(0.36)	0.62	NA	0.11 J
p-Dimethylaminoazobenzene	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Phenacetin	ND(0.73) J	NA	ND(0.73)	ND(0.90)	NA	ND(0.72)
Phenanthrene	1.6	NA	ND(0.36)	3.1	NA	1.0
Pyrene	1.9	NA	ND(0.36)	5.0	NA	2.3
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	ND(0.35)	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-S14 3-6 08/06/02	RAA12-S14 4-6 08/06/02	RAA12-T4 0-1 08/23/02	RAA12-T4 3-6 08/23/02	RAA12-T4 4-6 08/23/02	RAA12-T6 0-1 08/23/02
Furans						
2,3,7,8-TCDF	0.000090 Y	NA	0.0000022 YQ	ND(0.0000017)	NA	0.000013 Y
TCDFs (total)	0.0013	NA	0.000021	ND(0.0000017)	NA	0.000098
1,2,3,7,8-PeCDF	0.000080	NA	ND(0.00000082) X	0.0000010 J	NA	0.0000053 J
2,3,4,7,8-PeCDF	0.00030	NA	0.0000025 J	0.0000013 J	NA	0.000013 J
PeCDFs (total)	0.0022	NA	0.000024	0.0000078	NA	0.00012 Q
1,2,3,4,7,8-HxCDF	0.00099 J	NA	0.00000086 J	0.0000015 J	NA	0.000010 J
1,2,3,6,7,8-HxCDF	0.00051	NA	0.00000078 J	0.0000012 J	NA	0.0000077 J
1,2,3,7,8,9-HxCDF	0.00012	NA	0.00000019 J	ND(0.0000028)	NA	0.0000022 J
2,3,4,6,7,8-HxCDF	0.00030	NA	0.0000013 J	0.00000075 J	NA	0.0000078 J
HxCDFs (total)	0.0042	NA	0.000014	0.0000063	NA	0.00010
1,2,3,4,6,7,8-HpCDF	0.0020 J	NA	0.0000029	0.0000026 J	NA	0.000016 J
1,2,3,4,7,8,9-HpCDF	0.00024	NA	0.00000029 J	ND(0.0000028)	NA	0.0000029 J
HpCDFs (total)	0.0028	NA	0.0000061	0.0000026	NA	0.000029
OCDF	0.00073	NA	0.0000040 J	0.0000021 J	NA	0.000011 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000032)	NA	ND(0.00000024)	ND(0.0000018)	NA	ND(0.0000014)
TCDDs (total)	0.000011	NA	0.00000017	ND(0.0000029)	NA	ND(0.0000031)
1,2,3,7,8-PeCDD	ND(0.0000048) X	NA	ND(0.00000021) X	ND(0.0000028)	NA	ND(0.0000023)
PeCDDs (total)	0.000021	NA	0.0000011	ND(0.0000048)	NA	0.0000015
1,2,3,4,7,8-HxCDD	0.0000061 J	NA	ND(0.00000027)	ND(0.0000028)	NA	ND(0.0000024)
1,2,3,6,7,8-HxCDD	0.000012 J	NA	0.00000044 J	ND(0.0000028)	NA	ND(0.0000023)
1,2,3,7,8,9-HxCDD	0.0000052 J	NA	ND(0.00000027) X	ND(0.0000028)	NA	ND(0.0000023)
HxCDDs (total)	0.00013	NA	0.0000020	ND(0.0000096)	NA	ND(0.0000023)
1,2,3,4,6,7,8-HpCDD	0.00020	NA	0.0000043	0.0000019 J	NA	0.0000056 J
HpCDDs (total)	0.00037	NA	0.0000080	0.0000019	NA	0.000010
OCDD	0.00091	NA	0.000027	ND(0.0000083)	NA	ND(0.000031)
Total TEQs (WHO TEFs)	0.00039	NA	0.0000022	0.0000040	NA	0.000013
Inorganics						
Antimony	16.0	NA	2.00 B	2.60 B	NA	1.80 B
Arsenic	6.70 J	NA	3.40	8.90	NA	6.60
Barium	66.0	NA	21.0	330	NA	120
Beryllium	0.230 B	NA	0.150 B	0.300 B	NA	0.270 B
Cadmium	1.40 J	NA	0.360 B	0.580	NA	0.630
Chromium	13.0 J	NA	5.70	9.10	NA	8.80
Cobalt	8.60	NA	4.50 B	7.60	NA	7.20
Copper	1000	NA	12.0	95.0	NA	41.0
Cyanide	0.150 J	NA	ND(0.220)	0.0970 B	NA	ND(0.220)
Lead	260 J	NA	31.0	220	NA	530
Mercury	0.310	NA	0.0500 B	0.230	NA	0.210
Nickel	19.0	NA	7.50	14.0	NA	14.0
Selenium	ND(1.00)	NA	ND(1.00)	1.40	NA	0.630 B
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	75.0	NA	17.0	200	NA	24.0
Thallium	ND(1.60) J	NA	ND(1.10)	ND(1.30)	NA	ND(1.10)
Tin	74.0 J	NA	ND(10.0)	40.0	NA	22.0
Vanadium	11.0	NA	4.60 B	13.0	NA	9.60
Zinc	350 J	NA	42.0	180	NA	110

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T6 1-3 08/23/02	RAA12-T6 6-8 08/23/02	RAA12-T6 6-10 08/23/02	RAA12-T9 0-1 09/10/02	RAA12-T9 3-6 09/10/02	RAA12-T9 4-6 09/10/02
Volatile Organics						
Acetone	0.011 J	0.040	NA	ND(0.021)	NA	ND(0.024) J
Benzene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J
Carbon Disulfide	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J
Chlorobenzene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R
Tetrachloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R
Toluene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R
Trichloroethene	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J
Vinyl Chloride	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	ND(0.0060) J
Xylenes (total)	ND(0.0056)	ND(0.0060)	NA	ND(0.0052)	NA	R
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
1,3-Dichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
1,4-Dichlorobenzene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
2-Methylnaphthalene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
2-Methylphenol	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
3&4-Methylphenol	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA
Acenaphthene	0.18 J	NA	ND(0.40)	ND(0.34)	R	NA
Acenaphthylene	0.23 J	NA	ND(0.40)	ND(0.34)	R	NA
Aniline	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Anthracene	0.91	NA	ND(0.40)	ND(0.34)	0.29 J	NA
Benzo(a)anthracene	2.4	NA	ND(0.40)	ND(0.34)	0.68 J	NA
Benzo(a)pyrene	1.7	NA	ND(0.40)	ND(0.34)	0.64 J	NA
Benzo(b)fluoranthene	1.6	NA	ND(0.40)	ND(0.34)	0.57 J	NA
Benzo(g,h,i)perylene	1.3	NA	ND(0.40)	ND(0.34)	0.55 J	NA
Benzo(k)fluoranthene	1.7	NA	ND(0.40)	ND(0.34)	0.64 J	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Chrysene	2.4	NA	ND(0.40)	ND(0.34)	0.97 J	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Dibenzofuran	0.17 J	NA	ND(0.40)	ND(0.34)	R	NA
Di-n-Butylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.40)	ND(0.34)	R	NA
Fluoranthene	3.5	NA	ND(0.40)	ND(0.34)	1.6	NA
Fluorene	0.34 J	NA	ND(0.40)	ND(0.34)	R	NA
Indeno(1,2,3-cd)pyrene	1.2	NA	ND(0.40)	ND(0.34)	0.33 J	NA
Naphthalene	0.46	NA	ND(0.40)	ND(0.34)	R	NA
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA
Phenacetin	ND(0.74)	NA	ND(0.80)	ND(0.69)	R	NA
Phenanthrene	3.0	NA	ND(0.40)	ND(0.34)	0.59 J	NA
Pyrene	6.2	NA	ND(0.40)	ND(0.34)	1.6 J	NA
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T6 1-3 08/23/02	RAA12-T6 6-8 08/23/02	RAA12-T6 6-10 08/23/02	RAA12-T9 0-1 09/10/02	RAA12-T9 3-6 09/10/02	RAA12-T9 4-6 09/10/02
Furans						
2,3,7,8-TCDF	0.0000019 J	NA	ND(0.0000012)	0.0000029 Y	0.00044 Y	NA
TCDFs (total)	0.0000019	NA	ND(0.0000012)	0.000036	0.0037	NA
1,2,3,7,8-PeCDF	0.0000019 J	NA	ND(0.0000025)	0.0000015 J	0.00015	NA
2,3,4,7,8-PeCDF	ND(0.0000022) X	NA	ND(0.0000025)	0.0000074	0.00027	NA
PeCDFs (total)	0.0000090 Q	NA	ND(0.0000025)	0.00011 Q	0.0035	NA
1,2,3,4,7,8-HxCDF	ND(0.0000012) X	NA	ND(0.0000025)	0.0000057	0.00027	NA
1,2,3,6,7,8-HxCDF	0.0000013 J	NA	ND(0.0000025)	0.0000050	0.00015	NA
1,2,3,7,8,9-HxCDF	ND(0.0000028)	NA	ND(0.0000025)	0.0000018 J	0.000055	NA
2,3,4,6,7,8-HxCDF	0.0000012 J	NA	ND(0.0000025)	0.000019	0.00035	NA
HxCDFs (total)	0.0000025	NA	ND(0.0000025)	0.00023	0.0054	NA
1,2,3,4,6,7,8-HpCDF	0.0000029 J	NA	ND(0.0000025)	0.000023	0.00082	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000028)	NA	ND(0.0000025)	0.0000032	0.000075	NA
HpCDFs (total)	0.0000029	NA	ND(0.0000025)	0.000062	0.0017	NA
OCDF	0.0000036 J	NA	ND(0.0000051)	0.0000096	0.00036	NA
Dioxins						
2,3,7,8-TCDD	ND(0.0000023)	NA	ND(0.0000018)	ND(0.00000022) X	ND(0.0000061) X	NA
TCDDs (total)	ND(0.0000023)	NA	ND(0.0000038)	0.0000011	0.000036	NA
1,2,3,7,8-PeCDD	ND(0.0000028)	NA	ND(0.0000025)	0.00000086 J	0.000022 J	NA
PeCDDs (total)	ND(0.0000051) Q	NA	ND(0.0000042)	0.0000054	0.00015 Q	NA
1,2,3,4,7,8-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000013 J	0.000020 J	NA
1,2,3,6,7,8-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000014 J	0.000041	NA
1,2,3,7,8,9-HxCDD	ND(0.0000028)	NA	ND(0.0000025)	0.0000011 J	0.000026 J	NA
HxCDDs (total)	ND(0.0000028)	NA	ND(0.0000058)	0.000020	0.00043	NA
1,2,3,4,6,7,8-HpCDD	0.0000038 J	NA	ND(0.0000014) X	0.000011	0.00012	NA
HpCDDs (total)	0.0000063	NA	ND(0.0000025)	0.000024	0.00026	NA
OCDD	ND(0.000017)	NA	ND(0.0000068)	0.000058	0.00041	NA
Total TEQs (WHO TEFs)	0.0000043	NA	0.0000038	0.0000089	0.00031	NA
Inorganics						
Antimony	1.80 B	NA	ND(6.00)	1.70 B	15.0	NA
Arsenic	7.10	NA	1.70	2.80	20.0	NA
Barium	97.0	NA	27.0	23.0	130	NA
Beryllium	0.280 B	NA	0.310 B	0.320 B	0.390 B	NA
Cadmium	0.500 B	NA	0.330 B	0.410 B	1.20	NA
Chromium	31.0	NA	9.30	6.70	16.0	NA
Cobalt	5.50	NA	9.00	6.20	6.60	NA
Copper	41.0	NA	14.0	18.0	140	NA
Cyanide	0.130	NA	ND(0.120)	ND(0.520)	0.840	NA
Lead	780	NA	8.60	11.0	270	NA
Mercury	0.210	NA	0.0260 B	0.130 J	0.400 J	NA
Nickel	15.0	NA	15.0	12.0	15.0	NA
Selenium	1.10	NA	ND(1.00)	ND(1.00) J	0.680 J	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	0.470 B	NA
Sulfide	210	NA	82.0	18.0	71.0	NA
Thallium	ND(1.10)	NA	ND(1.20)	ND(1.00) J	ND(1.20) J	NA
Tin	45.0	NA	ND(10.0)	ND(10.0)	54.0	NA
Vanadium	9.20	NA	8.70	8.00	13.0	NA
Zinc	100	NA	44.0	39.0 J	340 J	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-T9 10-12 09/10/02	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02
Volatile Organics					
Acetone	ND(0.032) [0.025 J]	NA	ND(0.021)	NA	ND(0.029)
Benzene	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Carbon Disulfide	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Chlorobenzene	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Tetrachloroethene	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Toluene	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Trichloroethene	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Vinyl Chloride	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Xylenes (total)	ND(0.0079) [ND(0.0076)]	NA	ND(0.0053)	NA	ND(0.0073)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
1,2,4-Trichlorobenzene	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
1,3-Dichlorobenzene	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
1,4-Dichlorobenzene	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
2-Methylnaphthalene	NA	ND(0.53) [ND(0.51)]	0.10 J	ND(0.48)	NA
2-Methylphenol	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
3&4-Methylphenol	NA	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA
Acenaphthene	NA	ND(0.53) [ND(0.51)]	0.13 J	ND(0.48)	NA
Acenaphthylene	NA	ND(0.53) [ND(0.51)]	0.72	ND(0.48)	NA
Aniline	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
Anthracene	NA	ND(0.53) [ND(0.51)]	4.8	ND(0.48)	NA
Benzo(a)anthracene	NA	ND(0.53) [ND(0.51)]	6.1	ND(0.48)	NA
Benzo(a)pyrene	NA	ND(0.53) [ND(0.51)]	3.7	ND(0.48)	NA
Benzo(b)fluoranthene	NA	ND(0.53) [ND(0.51)]	2.8	ND(0.48)	NA
Benzo(g,h,i)perylene	NA	ND(0.53) [ND(0.51)]	3.9	ND(0.48)	NA
Benzo(k)fluoranthene	NA	ND(0.53) [ND(0.51)]	3.7	ND(0.48)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.52) [ND(0.50)]	ND(0.35)	ND(0.48)	NA
Butylbenzylphthalate	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
Chrysene	NA	ND(0.53) [ND(0.51)]	5.6	ND(0.48)	NA
Dibenzo(a,h)anthracene	NA	ND(0.53) [ND(0.51)]	0.66	ND(0.48)	NA
Dibenzofuran	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
Di-n-Butylphthalate	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
Di-n-Octylphthalate	NA	ND(0.53) [ND(0.51)]	ND(0.35)	ND(0.48)	NA
Fluoranthene	NA	ND(0.53) [ND(0.51)]	17	ND(0.48)	NA
Fluorene	NA	ND(0.53) [ND(0.51)]	0.47	ND(0.48)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.53) [ND(0.51)]	2.7	ND(0.48)	NA
Naphthalene	NA	0.28 J [ND(0.51)]	0.32 J	ND(0.48)	NA
p-Dimethylaminoazobenzene	NA	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA
Phenacetin	NA	ND(1.0) [ND(1.0)]	ND(0.71)	ND(0.97)	NA
Phenanthrene	NA	ND(0.53) [ND(0.51)]	10	ND(0.48)	NA
Pyrene	NA	ND(0.53) [ND(0.51)]	30	ND(0.48)	NA
Organochlorine Pesticides					
None Detected	NA	--	--	--	NA
Organophosphate Pesticides					
None Detected	NA	--	--	--	NA
Herbicides					
2,4,5-TP	NA	ND(0.50)	ND(0.34)	ND(0.46)	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-T9 10-12 09/10/02	RAA12-T9 10-15 09/10/02	RAA12-T11 1-3 09/10/02	RAA12-T11 6-10 09/10/02	RAA12-T11 7-9 09/10/02
Furans					
2,3,7,8-TCDF	NA	0.000015 Y [0.000025 Y]	0.000020 Y	ND(0.00000070)	NA
TCDFs (total)	NA	0.00006 J [0.00014 J]	0.00011	ND(0.00000070)	NA
1,2,3,7,8-PeCDF	NA	0.0000088 J [0.000013 J]	0.000014 J	ND(0.00000069)	NA
2,3,4,7,8-PeCDF	NA	0.000018 J [0.000036 J]	0.000017 J	ND(0.00000069)	NA
PeCDFs (total)	NA	0.000091 [0.00015]	0.00013	ND(0.00000069)	NA
1,2,3,4,7,8-HxCDF	NA	0.000025 J [0.000046]	0.000023 J	ND(0.00000069)	NA
1,2,3,6,7,8-HxCDF	NA	0.0000077 J [0.000013 J]	0.000012 J	ND(0.00000069)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000032) X [0.0000044 J]	0.0000042 J	ND(0.00000069)	NA
2,3,4,6,7,8-HxCDF	NA	0.000011 J [0.000026 J]	0.0000068 J	ND(0.00000069)	NA
HxCDFs (total)	NA	0.000094 J [0.00019 J]	0.000087	0.00000031	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000028 J [0.000049]	0.000022 J	0.00000012 J	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000044 J [0.0000049 J]	0.0000064 J	ND(0.00000069)	NA
HpCDFs (total)	NA	0.000050 [0.000071]	0.000042	0.00000028	NA
OCDF	NA	0.000028 J [0.000031 J]	0.000026 J	ND(0.0000014)	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.0000014) [ND(0.0000016)]	ND(0.0000017)	ND(0.00000028)	NA
TCDDs (total)	NA	ND(0.0000014) [0.0000038]	ND(0.0000033)	ND(0.00000064)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000036) [ND(0.0000040)]	ND(0.0000027)	ND(0.00000069)	NA
PeCDDs (total)	NA	ND(0.0000040) [ND(0.0000048)]	ND(0.0000036)	ND(0.00000073)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000036) [0.0000032 J]	ND(0.0000030)	ND(0.00000069)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000036) [0.0000028 J]	ND(0.0000027)	ND(0.00000069)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000036) [ND(0.0000040)]	ND(0.0000027)	ND(0.00000069)	NA
HxCDDs (total)	NA	0.0000093 [0.0000081]	0.0000048	ND(0.0000011)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000032 J [0.000028 J]	0.000011 J	0.00000058 J	NA
HpCDDs (total)	NA	0.000062 [0.000054]	0.000021	0.00000093	NA
OCDD	NA	0.00038 [0.00030]	0.000072	ND(0.0000028)	NA
Total TEQs (WHO TEFs)	NA	0.000019 [0.000035]	0.000019	0.00000096	NA
Inorganics					
Antimony	NA	1.80 B [1.80 B]	0.960 B	ND(6.00)	NA
Arsenic	NA	10.0 [12.0]	3.20	2.10	NA
Barium	NA	51.0 [61.0]	28.0	30.0	NA
Beryllium	NA	0.400 B [0.460 B]	0.160 B	0.280 B	NA
Cadmium	NA	0.340 B [0.420 B]	0.550	0.300 B	NA
Chromium	NA	7.70 [9.00]	13.0	8.40	NA
Cobalt	NA	3.50 B [4.20 B]	5.00 B	7.60	NA
Copper	NA	25.0 [34.0]	57.0	10.0	NA
Cyanide	NA	ND(0.160) [ND(0.150)]	ND(0.100)	0.130 B	NA
Lead	NA	19.0 [16.0]	100	5.70	NA
Mercury	NA	0.220 J [0.240 J]	0.120 J	ND(0.140)	NA
Nickel	NA	7.00 [9.30]	9.10	11.0	NA
Selenium	NA	3.20 J [3.30 J]	ND(1.00) J	ND(1.10) J	NA
Silver	NA	ND(1.20) [ND(1.10)]	ND(1.00)	ND(1.10)	NA
Sulfide	NA	380 [340]	32.0	130	NA
Thallium	NA	ND(1.60) J [ND(1.50) J]	ND(1.00) J	ND(1.40) J	NA
Tin	NA	ND(10.0) [ND(11.0)]	20.0	ND(11.0)	NA
Vanadium	NA	13.0 [14.0]	5.80	8.80	NA
Zinc	NA	25.0 J [27.0 J]	100 J	47.0 J	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02
Volatile Organics					
Acetone	ND(0.020)	ND(0.021)	ND(0.026)	NA	ND(0.022) [ND(0.022)]
Benzene	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Carbon Disulfide	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Chlorobenzene	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Tetrachloroethene	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Toluene	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Trichloroethene	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Vinyl Chloride	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Xylenes (total)	ND(0.0051)	ND(0.0052)	ND(0.0065)	NA	ND(0.0054) [ND(0.0054)]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
1,2,4-Trichlorobenzene	ND(0.34) J	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
1,3-Dichlorobenzene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
1,4-Dichlorobenzene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
2-Methylnaphthalene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
2-Methylphenol	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
3&4-Methylphenol	ND(0.69)	ND(0.70)	NA	ND(0.87)	ND(0.72) [ND(0.72)]
Acenaphthene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Acenaphthylene	ND(0.34)	ND(0.35)	NA	ND(0.43)	0.10 J [ND(0.36)]
Aniline	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Anthracene	ND(0.34)	ND(0.35)	NA	0.11 J	0.18 J [ND(0.36)]
Benzo(a)anthracene	ND(0.34)	0.12 J	NA	0.35 J	0.79 J [0.18 J]
Benzo(a)pyrene	ND(0.34)	ND(0.35)	NA	0.23 J	0.58 J [0.24 J]
Benzo(b)fluoranthene	ND(0.34)	0.17 J	NA	ND(0.43)	0.53 [ND(0.36)]
Benzo(g,h,i)perylene	ND(0.34)	ND(0.35)	NA	0.17 J	0.68 J [0.28 J]
Benzo(k)fluoranthene	ND(0.34)	0.091 J	NA	ND(0.43)	0.58 [ND(0.36)]
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.34)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Butylbenzylphthalate	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Chrysene	ND(0.34)	0.10 J	NA	0.35 J	1.0 J [0.24 J]
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Dibenzofuran	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Di-n-Butylphthalate	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Di-n-Octylphthalate	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Fluoranthene	ND(0.34)	0.10 J	NA	0.42 J	0.77 J [0.19 J]
Fluorene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.35)	NA	0.14 J	0.46 J [0.21 J]
Naphthalene	ND(0.34)	ND(0.35)	NA	ND(0.43)	ND(0.36) [ND(0.36)]
p-Dimethylaminoazobenzene	ND(0.69)	0.34 J	NA	ND(0.87)	ND(0.72) [ND(0.72)]
Phenacetin	ND(0.69)	ND(0.70)	NA	ND(0.87)	ND(0.72) [ND(0.72)]
Phenanthrene	ND(0.34)	ND(0.35)	NA	0.25 J	0.39 [ND(0.36)]
Pyrene	ND(0.34)	0.14 J	NA	0.66	2.3 J [0.37 J]
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U2 0-1 08/22/02	RAA12-U3 0-1 08/26/02	RAA12-U3 3-4 08/26/02	RAA12-U3 3-6 08/26/02	RAA12-U5 0-1 08/22/02
Furans					
2,3,7,8-TCDF	0.00000023 J	0.0000049 Y	NA	0.0000055 J	0.0000019 J [0.0000027 J]
TCDFs (total)	ND(0.00000021)	0.000075	NA	0.000036	0.000068 [0.000097]
1,2,3,7,8-PeCDF	0.00000015 J	0.0000029	NA	0.0000023 J	0.0000011 J [ND(0.0000028)]
2,3,4,7,8-PeCDF	0.00000030 J	0.000022	NA	0.0000046 J	0.000017 J [0.000022 J]
PeCDFs (total)	0.0000015	0.00036 I	NA	0.000040	0.00020 [0.00026]
1,2,3,4,7,8-HxCDF	0.00000022 J	0.000020	NA	0.0000028 J	ND(0.0000023) [ND(0.0000028)]
1,2,3,6,7,8-HxCDF	ND(0.00000018) X	0.000014	NA	0.0000023 J	0.0000036 J [0.0000046 J]
1,2,3,7,8,9-HxCDF	ND(0.00000032)	0.0000060	NA	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]
2,3,4,6,7,8-HxCDF	0.00000033 J	0.000054	NA	0.0000030 J	0.0000068 J [0.0000094 J]
HxCDFs (total)	0.0000033	0.00069	NA	0.000038	0.000084 [0.00011]
1,2,3,4,6,7,8-HpCDF	0.0000010 J	0.000079	NA	0.000016 J	0.0000040 J [0.0000049 J]
1,2,3,4,7,8,9-HpCDF	ND(0.00000032)	0.000010	NA	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]
HpCDFs (total)	0.0000022	0.00020	NA	0.000016	0.0000040 [0.0000049]
OCDF	0.0000011 J	0.000035	NA	0.000011 J	0.0000034 J [0.0000031 J]
Dioxins					
2,3,7,8-TCDD	ND(0.00000034)	0.00000024 J	NA	ND(0.0000028)	ND(0.0000017) [ND(0.0000021)]
TCDDs (total)	ND(0.00000042)	0.0000037	NA	ND(0.0000040)	ND(0.0000029) [ND(0.0000037)]
1,2,3,7,8-PeCDD	ND(0.00000032)	0.0000025	NA	ND(0.0000030)	0.0000011 J [ND(0.0000028)]
PeCDDs (total)	ND(0.00000050)	0.000020	NA	ND(0.0000053)	0.0000011 [ND(0.0000047)]
1,2,3,4,7,8-HxCDD	ND(0.00000032)	0.0000025	NA	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]
1,2,3,6,7,8-HxCDD	ND(0.00000032)	0.0000042	NA	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]
1,2,3,7,8,9-HxCDD	ND(0.00000032)	0.0000035	NA	ND(0.0000030)	ND(0.0000023) [ND(0.0000028)]
HxCDDs (total)	ND(0.00000092)	0.000061	NA	ND(0.0000066)	ND(0.0000023) [ND(0.0000067)]
1,2,3,4,6,7,8-HpCDD	0.0000013 J	0.000023	NA	0.0000081 J	ND(0.0000052) [0.0000043 J]
HpCDDs (total)	0.0000023	0.000050	NA	0.000015	0.0000052 [0.0000082]
OCDD	0.0000069	0.00025	NA	0.000063	0.000028 J [ND(0.000028)]
Total TEQs (WHO TEFs)	0.00000066	0.000026	NA	0.0000075	0.000012 [0.000016]
Inorganics					
Antimony	ND(6.00) J	ND(6.00)	NA	2.60 B	ND(6.00) J [1.20 J]
Arsenic	4.70 J	4.10	NA	9.50	5.30 J [4.70 J]
Barium	43.0 J	23.0	NA	69.0	28.0 J [30.0 J]
Beryllium	0.250 J	0.180 B	NA	0.370 B	0.360 J [0.240 J]
Cadmium	0.410 B	0.420 B	NA	0.330 B	0.470 B [0.440 B]
Chromium	5.50 J	6.00	NA	7.10	8.60 J [7.90 J]
Cobalt	8.90 J	6.10	NA	4.60 B	8.40 J [9.80 J]
Copper	12.0 J	15.0	NA	32.0	31.0 J [30.0 J]
Cyanide	ND(0.100) J	ND(0.100)	NA	0.430	ND(0.110) J [ND(0.110) J]
Lead	8.10 J	28.0	NA	120	43.0 J [58.0 J]
Mercury	ND(0.100)	0.0320 B	NA	0.100 B	0.0600 B [0.0640 B]
Nickel	11.0 J	10.0	NA	8.80	15.0 J [14.0 J]
Selenium	0.680 J	ND(1.00)	NA	0.740 B	0.730 J [ND(1.00) J]
Silver	ND(1.00) J	ND(1.00)	NA	ND(1.00)	ND(1.00) J [ND(1.00) J]
Sulfide	20.0	23.0	NA	160	26.0 [29.0]
Thallium	ND(1.00)	ND(1.00)	NA	ND(1.30)	ND(1.10) [ND(1.10)]
Tin	ND(10.0) J	ND(10.0)	NA	28.0	5.10 J [5.10 J]
Vanadium	5.80	6.00	NA	24.0	7.30 [7.80]
Zinc	37.0 J	50.0	NA	75.0	46.0 J [51.0 J]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02	RAA12-U8 6-10 08/21/02
Volatile Organics						
Acetone	ND(0.021)	ND(0.021)	NA	ND(0.022)	ND(0.030)	NA
Benzene	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Carbon Disulfide	ND(0.0053) J	ND(0.0052) J	NA	ND(0.0055) J	ND(0.0076) J	NA
Chlorobenzene	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Tetrachloroethene	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Toluene	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Trichloroethene	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Vinyl Chloride	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Xylenes (total)	ND(0.0053)	ND(0.0052)	NA	ND(0.0055)	ND(0.0076)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
1,3-Dichlorobenzene	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
1,4-Dichlorobenzene	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
2-Methylnaphthalene	ND(0.36)	0.24 J	ND(0.37)	NA	NA	ND(0.55)
2-Methylphenol	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
3&4-Methylphenol	ND(0.71)	0.14 J	ND(0.74)	NA	NA	ND(1.0)
Acenaphthene	0.17 J	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
Acenaphthylene	0.093 J	1.4	1.1	NA	NA	ND(0.55)
Aniline	ND(0.36)	0.82	ND(0.37)	NA	NA	ND(0.55)
Anthracene	0.50	0.82	1.2	NA	NA	ND(0.55)
Benzo(a)anthracene	1.1	3.4	4.0	NA	NA	ND(0.55)
Benzo(a)pyrene	0.92	4.6	2.9	NA	NA	ND(0.55)
Benzo(b)fluoranthene	0.94	3.8	3.3	NA	NA	ND(0.55)
Benzo(g,h,i)perylene	0.69	4.5	2.7	NA	NA	ND(0.55)
Benzo(k)fluoranthene	0.74	3.0	2.7	NA	NA	ND(0.55)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.34)	ND(0.36)	NA	NA	ND(0.50)
Butylbenzylphthalate	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
Chrysene	1.1	3.4	3.6	NA	NA	ND(0.55)
Dibenzo(a,h)anthracene	0.21 J	1.6	1.1	NA	NA	ND(0.55)
Dibenzofuran	0.10 J	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
Di-n-Butylphthalate	ND(0.36)	0.22 J	ND(0.37)	NA	NA	ND(0.55)
Di-n-Octylphthalate	ND(0.36)	ND(0.38)	ND(0.37)	NA	NA	ND(0.55)
Fluoranthene	1.6	1.9	3.9	NA	NA	ND(0.55)
Fluorene	0.18 J	0.15 J	ND(0.37)	NA	NA	ND(0.55)
Indeno(1,2,3-cd)pyrene	0.58	3.6	2.3	NA	NA	ND(0.55)
Naphthalene	0.15 J	0.41	ND(0.37)	NA	NA	ND(0.55)
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA	ND(1.0)
Phenacetin	ND(0.71)	ND(0.70)	ND(0.74)	NA	NA	ND(1.0)
Phenanthrene	1.4	0.81	1.8	NA	NA	ND(0.55)
Pyrene	2.1	4.2	5.6	NA	NA	ND(0.55)
Organochlorine Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 0-1 08/21/02	RAA12-U8 1-3 08/21/02	RAA12-U8 3-6 08/21/02	RAA12-U8 4-6 08/21/02	RAA12-U8 6-8 08/21/02	RAA12-U8 6-10 08/21/02
Furans						
2,3,7,8-TCDF	0.000032 Y	0.000038 YQ	0.0000095 Y	NA	NA	0.0000023 YQ
TCDFs (total)	0.00012	0.00022	0.000024	NA	NA	0.0000044
1,2,3,7,8-PeCDF	0.000012	0.000026 Q	0.0000048	NA	NA	0.00000046 J
2,3,4,7,8-PeCDF	0.000023	0.000037	0.0000058	NA	NA	0.00000040 J
PeCDFs (total)	0.00019 Q	0.00023 Q	0.000043	NA	NA	0.0000016
1,2,3,4,7,8-HxCDF	0.000048	0.000080	0.0000089	NA	NA	0.00000018 J
1,2,3,6,7,8-HxCDF	0.000023	0.000031	0.0000034	NA	NA	ND(0.00000013) X
1,2,3,7,8,9-HxCDF	0.000010 Q	0.000028	0.0000025 J	NA	NA	ND(0.00000036)
2,3,4,6,7,8-HxCDF	0.000012	0.000020	0.0000042	NA	NA	ND(0.00000036)
HxCDFs (total)	0.00039 Q	0.00034	0.000033	NA	NA	0.00000018
1,2,3,4,6,7,8-HpCDF	0.00024 Q	0.000072	0.000012	NA	NA	0.00000022 J
1,2,3,4,7,8,9-HpCDF	0.000024	0.000026	0.0000019 J	NA	NA	ND(0.00000036)
HpCDFs (total)	0.00045 Q	0.00014	0.000016	NA	NA	0.00000022
OCDF	0.00012	0.000073	0.0000071	NA	NA	ND(0.00000071)
Dioxins						
2,3,7,8-TCDD	0.00000048 J	ND(0.00000086) X	ND(0.00000024)	NA	NA	ND(0.00000031)
TCDDs (total)	0.0000093	0.000013	0.00000080	NA	NA	ND(0.00000050)
1,2,3,7,8-PeCDD	0.0000045	0.0000028 Q	0.00000045 J	NA	NA	ND(0.00000036)
PeCDDs (total)	0.000035 Q	0.000024 Q	0.0000065	NA	NA	ND(0.00000062)
1,2,3,4,7,8-HxCDD	0.0000052	0.0000020 J	0.00000045 J	NA	NA	ND(0.00000036)
1,2,3,6,7,8-HxCDD	0.0000074	0.0000033	0.00000066 J	NA	NA	ND(0.00000036)
1,2,3,7,8,9-HxCDD	0.0000060	0.0000027 Q	0.00000059 J	NA	NA	ND(0.00000036)
HxCDDs (total)	0.00011	0.000045	0.000013	NA	NA	ND(0.00000036)
1,2,3,4,6,7,8-HpCDD	0.000051	0.000017	0.0000044	NA	NA	ND(0.00000036) X
HpCDDs (total)	0.00010	0.000033	0.0000082	NA	NA	0.00000024
OCDD	0.00027	0.000035	0.000010	NA	NA	0.0000025 J
Total TEQs (WHO TEFs)	0.000035	0.000045	0.0000069	NA	NA	0.00000091
Inorganics						
Antimony	1.60 J	2.40 J	1.60 J	NA	NA	ND(6.00) J
Arsenic	5.30	5.00	5.20	NA	NA	3.30
Barium	67.0 J	55.0 J	65.0 J	NA	NA	42.0 J
Beryllium	0.390 B	0.270 B	0.330 B	NA	NA	0.340 B
Cadmium	0.950	1.20	1.10	NA	NA	0.400 B
Chromium	16.0	25.0	35.0	NA	NA	13.0
Cobalt	7.80	6.90	7.50	NA	NA	7.50
Copper	46.0	210	160	NA	NA	18.0
Cyanide	0.150	0.620	0.520	NA	NA	0.210
Lead	210 J	320 J	250 J	NA	NA	24.0 J
Mercury	0.200	0.530	0.490	NA	NA	0.260
Nickel	15.0	15.0	14.0	NA	NA	12.0
Selenium	0.660 B	0.610 B	ND(1.00)	NA	NA	ND(1.10)
Silver	ND(1.00)	0.860 B	ND(1.00)	NA	NA	ND(1.10)
Sulfide	32.0	44.0	32.0	NA	NA	180
Thallium	ND(1.10)	ND(1.00)	ND(1.10)	NA	NA	ND(1.50)
Tin	9.40 B	38.0	33.0	NA	NA	8.70 B
Vanadium	15.0 J	9.50 J	12.0 J	NA	NA	12.0 J
Zinc	150 J	260 J	220 J	NA	NA	50.0 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Volatile Organics					
Acetone	ND(0.028)	NA	ND(0.021)	0.076	NA
Benzene	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Carbon Disulfide	ND(0.0071) J	NA	ND(0.0053)	ND(0.0060)	NA
Chlorobenzene	ND(0.0071)	NA	ND(0.0053)	ND(0.0090) J	NA
Tetrachloroethene	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Toluene	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Trichloroethene	ND(0.0071)	NA	0.0079	ND(0.0060)	NA
Vinyl Chloride	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Xylenes (total)	ND(0.0071)	NA	ND(0.0053)	ND(0.0060)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,2,4-Trichlorobenzene	NA	ND(0.62)	ND(0.35)	ND(0.40) J	ND(0.68) [ND(0.60)]
1,3-Dichlorobenzene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
1,4-Dichlorobenzene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Methylnaphthalene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
2-Methylphenol	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
3&4-Methylphenol	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Acenaphthene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Acenaphthylene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Aniline	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Anthracene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Benzo(a)anthracene	NA	ND(0.62)	ND(0.35)	0.098 J	ND(0.68) [ND(0.60)]
Benzo(a)pyrene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Benzo(b)fluoranthene	NA	ND(0.62)	ND(0.35)	0.11 J	ND(0.68) [ND(0.60)]
Benzo(g,h,i)perylene	NA	ND(0.62)	ND(0.35)	0.095 J	ND(0.68) [ND(0.60)]
Benzo(k)fluoranthene	NA	ND(0.62)	ND(0.35)	0.10 J	ND(0.68) [ND(0.60)]
bis(2-Ethylhexyl)phthalate	NA	ND(0.47)	ND(0.35)	ND(0.40)	ND(0.67) [ND(0.59)]
Butylbenzylphthalate	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Chrysene	NA	ND(0.62)	ND(0.35)	0.21 J	ND(0.68) [0.33 J]
Dibenzo(a,h)anthracene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Dibenzofuran	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Di-n-Butylphthalate	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Di-n-Octylphthalate	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Fluoranthene	NA	ND(0.62)	ND(0.35)	0.19 J	ND(0.68) [0.24 J]
Fluorene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Indeno(1,2,3-cd)pyrene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
Naphthalene	NA	ND(0.62)	ND(0.35)	ND(0.40)	ND(0.68) [ND(0.60)]
p-Dimethylaminoazobenzene	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Phenacetin	NA	ND(0.95)	ND(0.70)	ND(0.81)	ND(1.4) [ND(1.2)]
Phenanthrene	NA	ND(0.62)	ND(0.35)	0.16 J	ND(0.68) [0.26 J]
Pyrene	NA	ND(0.62)	ND(0.35)	0.44 J	0.15 J [0.53 J]
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-U8 10-12 08/21/02	RAA12-U8 10-15 08/21/02	RAA12-V2 0-1 08/22/02	RAA12-V2 1-3 08/22/02	RAA12-V2 6-10 08/22/02
Furans					
2,3,7,8-TCDF	NA	ND(0.0000023)	0.00000098 J	0.000052 Y	0.000010 Y [0.0000076 J]
TCDFs (total)	NA	ND(0.0000023)	0.000012	0.00039	0.000088 J [0.000052 J]
1,2,3,7,8-PeCDF	NA	ND(0.0000031)	0.00000059 J	0.000015	0.0000062 J [ND(0.0000040) X]
2,3,4,7,8-PeCDF	NA	ND(0.0000031)	0.0000048	0.000030	0.0000083 J [0.0000052 J]
PeCDFs (total)	NA	ND(0.0000031)	0.000057	0.00033 QI	0.000065 J [0.00003 J]
1,2,3,4,7,8-HxCDF	NA	ND(0.0000031)	0.0000062	0.000015	0.0000059 J [0.0000027 J]
1,2,3,6,7,8-HxCDF	NA	ND(0.0000031)	0.0000024 J	0.000012	ND(0.0000056) X [0.0000034 J]
1,2,3,7,8,9-HxCDF	NA	ND(0.0000031)	ND(0.0000018) X	ND(0.0000029)	0.0000026 J [ND(0.0000041)]
2,3,4,6,7,8-HxCDF	NA	ND(0.0000031)	0.000011	0.000025	ND(0.0000064) X [ND(0.0000028) X]
HxCDFs (total)	NA	ND(0.0000031)	0.00016	0.00036	0.000032 J [0.000016 J]
1,2,3,4,6,7,8-HpCDF	NA	0.0000012 J	0.000014	0.000040	0.000014 J [0.0000065 J]
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000031)	0.0000039	0.0000043	ND(0.0000041) [ND(0.0000041)]
HpCDFs (total)	NA	0.0000012	0.000042	0.000089	0.000014 J [0.0000065 J]
OCDF	NA	ND(0.0000062)	0.000010	0.000031	0.0000082 J [ND(0.0000083)]
Dioxins					
2,3,7,8-TCDD	NA	ND(0.0000036)	ND(0.00000022)	ND(0.00000063) X	ND(0.0000030) [ND(0.0000020)]
TCDDs (total)	NA	ND(0.0000036)	0.00000058	0.0000058	ND(0.0000052) [ND(0.0000048)]
1,2,3,7,8-PeCDD	NA	ND(0.0000031)	ND(0.00000087) X	ND(0.0000012) X	0.0000020 J [ND(0.0000041)]
PeCDDs (total)	NA	ND(0.0000050)	0.0000049	0.000011	0.000017 J [0.0000058 J]
1,2,3,4,7,8-HxCDD	NA	ND(0.0000031)	0.00000052 J	0.0000012 J	ND(0.0000041) [ND(0.0000047)]
1,2,3,6,7,8-HxCDD	NA	ND(0.0000031)	0.0000016 J	0.0000021 J	ND(0.0000041) [ND(0.0000042)]
1,2,3,7,8,9-HxCDD	NA	ND(0.0000031)	0.00000088 J	0.0000020 J	ND(0.0000041) [ND(0.0000042)]
HxCDDs (total)	NA	ND(0.0000077)	0.000020	0.000022	0.000021 J [0.000011 J]
1,2,3,4,6,7,8-HpCDD	NA	0.0000020 J	0.0000067	0.000021	0.0000089 J [0.0000050 J]
HpCDDs (total)	NA	0.0000020	0.000014	0.000046	0.000016 J [0.0000082 J]
OCDD	NA	0.0000098 J	0.000039	0.00017	ND(0.000025) [ND(0.000018)]
Total TEQs (WHO TEFs)	NA	0.0000055	0.0000057	0.000028	0.000011 [0.0000083]
Inorganics					
Antimony	NA	ND(6.00) J	ND(6.00) J	3.20 J	18.0 J [4.50 J]
Arsenic	NA	2.70	4.10 J	6.60 J	39.0 J [12.0 J]
Barium	NA	14.0 J	26.0 J	52.0 J	370 J [340 J]
Beryllium	NA	0.150 B	0.270 J	0.240 J	0.490 J [0.510 J]
Cadmium	NA	0.370 B	0.400 B	0.600	3.30 [2.80]
Chromium	NA	9.70	7.20 J	10.0 J	65.0 J [39.0 J]
Cobalt	NA	4.90 B	8.20 J	6.70 J	62.0 J [9.00 J]
Copper	NA	8.90	17.0 J	50.0 J	330 J [180 J]
Cyanide	NA	ND(0.140)	ND(0.100) J	0.150 J	0.480 J [0.220 J]
Lead	NA	4.50 J	24.0 J	120 J	1200 J [920 J]
Mercury	NA	ND(0.140)	0.0280 B	0.240	0.940 [0.580]
Nickel	NA	8.60	13.0 J	15.0 J	130 J [18.0 J]
Selenium	NA	ND(1.10)	0.500 J	0.760 J	6.40 J [3.40 J]
Silver	NA	ND(1.10)	ND(1.00) J	2.20 J	ND(1.50) J [ND(1.30) J]
Sulfide	NA	57.0	24.0	42.0	950 [1100]
Thallium	NA	ND(1.40)	ND(1.00)	ND(1.20)	ND(2.00) [ND(1.80)]
Tin	NA	4.30 B	3.90 J	8.60 J	2300 J [1000 J]
Vanadium	NA	6.60 J	8.00	9.80	25.0 [22.0]
Zinc	NA	36.0 J	46.0 J	96.0 J	2400 J [940 J]

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02
Volatile Organics						
Acetone	ND(0.040) [ND(0.036)]	0.022	NA	NA	ND(0.024)	NA
Benzene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Carbon Disulfide	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Chlorobenzene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Tetrachloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Toluene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Trichloroethene	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Vinyl Chloride	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Xylenes (total)	ND(0.010) [ND(0.0090)]	ND(0.0056)	NA	NA	ND(0.0061)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
1,2,4-Trichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
1,3-Dichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
2-Methylnaphthalene	NA	ND(0.37)	ND(0.51)	6.7	NA	3.4
2-Methylphenol	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
3&4-Methylphenol	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)
Acenaphthene	NA	ND(0.37)	ND(0.51)	28	NA	16
Acenaphthylene	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	0.27 J
Aniline	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
Anthracene	NA	ND(0.37)	ND(0.51)	66	NA	43
Benzo(a)anthracene	NA	0.13 J	0.35 J	100	NA	45
Benzo(a)pyrene	NA	0.096 J	0.51	47	NA	26
Benzo(b)fluoranthene	NA	0.17 J	ND(0.51)	48	NA	16
Benzo(g,h,i)perylene	NA	0.097 J	0.44 J	23	NA	12
Benzo(k)fluoranthene	NA	0.097 J	0.51	41	NA	29
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	ND(0.50)	4.4	NA	ND(0.40)
Butylbenzylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
Chrysene	NA	0.20 J	0.49 J	77	NA	42
Dibenzo(a,h)anthracene	NA	ND(0.37)	ND(0.51)	11	NA	5.6
Dibenzofuran	NA	ND(0.37)	ND(0.51)	20	NA	12
Di-n-Butylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.51)	ND(4.1)	NA	ND(0.41)
Fluoranthene	NA	0.17 J	0.28 J	250	NA	95
Fluorene	NA	ND(0.37)	ND(0.51)	36	NA	22
Indeno(1,2,3-cd)pyrene	NA	ND(0.37)	0.37 J	24	NA	9.9
Naphthalene	NA	ND(0.37)	ND(0.51)	32	NA	10
p-Dimethylaminoazobenzene	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)
Phenacetin	NA	ND(0.74)	ND(1.0)	ND(4.1)	NA	ND(0.82)
Phenanthrene	NA	0.099 J	0.17 J	230	NA	110
Pyrene	NA	0.39	0.76	330	NA	140
Organochlorine Pesticides						
None Detected	NA	NA	--	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	--	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	ND(0.49)	NA	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V2 8-10 08/22/02	RAA12-V4 0-1 08/22/02	RAA12-V5 3-6 08/26/02	RAA12-V6 3-6 08/23/02	RAA12-V6 4-6 08/23/02	RAA12-V6 6-10 08/23/02
Furans						
2,3,7,8-TCDF	NA	0.000023 Y	NA	0.0000083 J	NA	0.0000042 J
TCDFs (total)	NA	0.00025	NA	0.000051	NA	0.0000091
1,2,3,7,8-PeCDF	NA	0.000016	NA	ND(0.0000028) X	NA	0.0000013 J
2,3,4,7,8-PeCDF	NA	0.000042	NA	0.0000048 J	NA	0.0000039 J
PeCDFs (total)	NA	0.00038 QI	NA	0.000028 Q	NA	0.000018
1,2,3,4,7,8-HxCDF	NA	0.000053	NA	0.0000049 J	NA	0.0000036 J
1,2,3,6,7,8-HxCDF	NA	0.000026	NA	0.0000030 J	NA	0.0000021 J
1,2,3,7,8,9-HxCDF	NA	0.000011	NA	ND(0.0000031)	NA	ND(0.0000028)
2,3,4,6,7,8-HxCDF	NA	0.000034	NA	0.0000022 J	NA	0.0000016 J
HxCDFs (total)	NA	0.00045	NA	0.000023	NA	0.000016
1,2,3,4,6,7,8-HpCDF	NA	0.000062	NA	0.0000031 J	NA	0.0000022 J
1,2,3,4,7,8,9-HpCDF	NA	0.000017	NA	ND(0.0000031)	NA	ND(0.0000028)
HpCDFs (total)	NA	0.00015	NA	0.0000031	NA	0.0000022
OCDF	NA	0.000068	NA	ND(0.0000063)	NA	ND(0.0000057)
Dioxins						
2,3,7,8-TCDD	NA	0.00000051 J	NA	ND(0.0000025)	NA	ND(0.0000028)
TCDDs (total)	NA	0.000012	NA	ND(0.0000046)	NA	ND(0.0000028)
1,2,3,7,8-PeCDD	NA	ND(0.0000035) X	NA	ND(0.0000031)	NA	ND(0.0000028)
PeCDDs (total)	NA	0.000035 Q	NA	ND(0.0000051)	NA	ND(0.0000042)
1,2,3,4,7,8-HxCDD	NA	0.0000022 J	NA	ND(0.0000040)	NA	ND(0.0000036)
1,2,3,6,7,8-HxCDD	NA	0.0000048	NA	ND(0.0000035)	NA	ND(0.0000032)
1,2,3,7,8,9-HxCDD	NA	0.0000039	NA	ND(0.0000036)	NA	ND(0.0000033)
HxCDDs (total)	NA	0.000059	NA	ND(0.0000037)	NA	ND(0.0000034)
1,2,3,4,6,7,8-HpCDD	NA	0.000028	NA	ND(0.0000032)	NA	0.0000020 J
HpCDDs (total)	NA	0.000055	NA	ND(0.0000032)	NA	0.0000020
OCDD	NA	0.00017	NA	ND(0.0000096) X	NA	0.0000084 J
Total TEQs (WHO TEFs)	NA	0.000041	NA	0.0000079	NA	0.0000067
Inorganics						
Antimony	NA	3.60 J	NA	1.80 B	NA	7.00
Arsenic	NA	4.80 J	NA	11.0	NA	6.20
Barium	NA	27.0 J	NA	96.0	NA	95.0
Beryllium	NA	0.200 J	NA	0.600	NA	0.800
Cadmium	NA	0.580	NA	1.40	NA	1.00
Chromium	NA	7.50 J	NA	18.0	NA	180
Cobalt	NA	5.00 J	NA	8.50	NA	7.40
Copper	NA	45.0 J	NA	85.0	NA	120
Cyanide	NA	ND(0.220) J	NA	0.650	NA	0.180
Lead	NA	69.0 J	NA	55.0	NA	1200
Mercury	NA	0.0700 B	NA	0.700	NA	5.90
Nickel	NA	11.0 J	NA	10.0	NA	10.0
Selenium	NA	ND(1.00) J	NA	3.70	NA	0.590 B
Silver	NA	ND(1.00) J	NA	0.880 B	NA	0.500 B
Sulfide	NA	39.0	NA	750	NA	500
Thallium	NA	ND(1.10)	NA	ND(1.20)	NA	ND(1.20)
Tin	NA	7.20 J	NA	ND(12.0)	NA	20.0
Vanadium	NA	7.50	NA	19.0	NA	13.0
Zinc	NA	83.0 J	NA	300	NA	230

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02	RAA12-V6 10-15 08/23/02	RAA12-W3 0-1 08/22/02	RAA12-W5 0-1 08/22/02	RAA12-W6 0-1 08/14/02
Volatile Organics						
Acetone	ND(0.024)	0.033	NA	ND(0.021)	ND(0.022)	ND(0.022)
Benzene	ND(0.0061)	0.0052 J	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Carbon Disulfide	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Chlorobenzene	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Tetrachloroethene	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Toluene	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Trichloroethene	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Vinyl Chloride	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Xylenes (total)	ND(0.0061)	ND(0.0070)	NA	ND(0.0052)	ND(0.0055)	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
1,2,4-Trichlorobenzene	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
1,3-Dichlorobenzene	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
1,4-Dichlorobenzene	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
2-Methylnaphthalene	NA	NA	0.49	ND(0.35)	ND(0.37)	ND(0.37)
2-Methylphenol	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
3&4-Methylphenol	NA	NA	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)
Acenaphthene	NA	NA	0.98	ND(0.35)	ND(0.37)	ND(0.37)
Acenaphthylene	NA	NA	1.2	ND(0.35)	ND(0.37)	ND(0.37)
Aniline	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
Anthracene	NA	NA	3.8	ND(0.35)	0.28 J	0.11 J
Benzo(a)anthracene	NA	NA	2.4	0.074 J	ND(0.37)	0.53
Benzo(a)pyrene	NA	NA	1.2	ND(0.35)	0.13 J	0.50
Benzo(b)fluoranthene	NA	NA	0.98	ND(0.35)	ND(0.37)	0.50
Benzo(g,h,i)perylene	NA	NA	0.90	ND(0.35)	0.13 J	0.41
Benzo(k)fluoranthene	NA	NA	1.4	ND(0.35)	ND(0.37)	0.53
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.46)	ND(0.34)	ND(0.36)	0.37
Butylbenzylphthalate	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
Chrysene	NA	NA	2.1	0.12 J	0.29 J	0.63
Dibenzo(a,h)anthracene	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	0.11 J
Dibenzofuran	NA	NA	2.7	ND(0.35)	ND(0.37)	ND(0.37)
Di-n-Butylphthalate	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	ND(0.37)
Di-n-Octylphthalate	NA	NA	ND(0.47)	ND(0.35)	ND(0.37)	0.096 J
Fluoranthene	NA	NA	7.5	0.11 J	0.44	0.87
Fluorene	NA	NA	2.1	ND(0.35)	ND(0.37)	ND(0.37)
Indeno(1,2,3-cd)pyrene	NA	NA	0.81	ND(0.35)	0.084 J	0.35 J
Naphthalene	NA	NA	0.69	ND(0.35)	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	NA	NA	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)
Phenacetin	NA	NA	ND(0.94)	ND(0.70)	ND(0.74)	ND(0.74)
Phenanthrene	NA	NA	21	ND(0.35)	0.19 J	0.60
Pyrene	NA	NA	8.1	0.22 J	0.42	1.9
Organochlorine Pesticides						
None Detected	NA	NA	--	NA	NA	--
Organophosphate Pesticides						
None Detected	NA	NA	--	NA	NA	--
Herbicides						
2,4,5-TP	NA	NA	ND(1.3)	NA	NA	ND(1.8)

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-V6 8-10 08/23/02	RAA12-V6 10-12 08/23/02	RAA12-V6 10-15 08/23/02	RAA12-W3 0-1 08/22/02	RAA12-W5 0-1 08/22/02	RAA12-W6 0-1 08/14/02
Furans						
2,3,7,8-TCDF	NA	NA	0.00011 YQ	0.0000035 Y	0.000015 Y	0.000086 Y
TCDFs (total)	NA	NA	0.00090	0.000058	0.00029	0.00097 I
1,2,3,7,8-PeCDF	NA	NA	0.000050	0.0000024 J	0.0000078 J	0.000042 I
2,3,4,7,8-PeCDF	NA	NA	0.00013	0.000025	0.000054	0.00019
PeCDFs (total)	NA	NA	0.0011 Q	0.00035 I	0.00060	0.0018 QI
1,2,3,4,7,8-HxCDF	NA	NA	0.00022	0.000042	0.000022	0.00011
1,2,3,6,7,8-HxCDF	NA	NA	0.000087	0.000014	0.000017 J	0.000073
1,2,3,7,8,9-HxCDF	NA	NA	0.000040	0.000010	0.0000049 J	0.000013 Q
2,3,4,6,7,8-HxCDF	NA	NA	0.00011	0.000056	0.000027	0.00011
HxCDFs (total)	NA	NA	0.0023	0.00087	0.00034	0.0015 Q
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00094	0.000069	0.000036	0.00026
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000095	0.000021	0.0000065 J	0.000039
HpCDFs (total)	NA	NA	0.0021	0.00021	0.000079	0.00056
OCDF	NA	NA	0.0015	0.000039	0.000040	0.00026
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.000013) X	ND(0.00000028)	ND(0.0000014)	0.0000019
TCDDs (total)	NA	NA	0.00035	0.0000047	0.000012	0.000038
1,2,3,7,8-PeCDD	NA	NA	0.000040	0.0000038	ND(0.0000024) X	0.0000079
PeCDDs (total)	NA	NA	0.00046 Q	0.000034	0.000016	0.000071 Q
1,2,3,4,7,8-HxCDD	NA	NA	0.00016	0.0000019 J	ND(0.0000022)	0.0000065
1,2,3,6,7,8-HxCDD	NA	NA	0.00015	0.0000074	ND(0.0000041) X	0.000017
1,2,3,7,8,9-HxCDD	NA	NA	0.000091	0.0000046	0.0000027 J	0.000012
HxCDDs (total)	NA	NA	0.0015	0.00010	0.000026	0.00018 Q
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0013	0.000018	0.000027	0.00020
HpCDDs (total)	NA	NA	0.0022	0.000044	0.000053	0.00038
OCDD	NA	NA	0.0077	ND(0.000058)	0.00016	0.0018
Total TEQs (WHO TEFs)	NA	NA	0.00024	0.000032	0.000039	0.00015
Inorganics						
Antimony	NA	NA	580	ND(6.00) J	1.60 J	3.30 B
Arsenic	NA	NA	7.90	4.40 J	4.70 J	7.00
Barium	NA	NA	83.0	27.0 J	38.0 J	100
Beryllium	NA	NA	0.290 B	0.240 J	0.240 J	0.290 B
Cadmium	NA	NA	2.90	0.420 B	0.840	2.80
Chromium	NA	NA	28.0	7.10 J	9.50 J	13.0
Cobalt	NA	NA	6.20	6.10 J	9.10 J	6.60
Copper	NA	NA	160	20.0 J	43.0 J	65.0
Cyanide	NA	NA	0.330	ND(0.100) J	ND(0.220) J	0.320
Lead	NA	NA	3500	31.0 J	140 J	580
Mercury	NA	NA	0.580	0.0380 B	0.140	0.320
Nickel	NA	NA	14.0	11.0 J	15.0 J	17.0
Selenium	NA	NA	0.850 B	0.480 J	ND(1.00) J	ND(1.00) J
Silver	NA	NA	0.500 B	ND(1.00) J	ND(1.00) J	ND(1.00)
Sulfide	NA	NA	600	25.0	26.0	35.0
Thallium	NA	NA	ND(1.40)	ND(1.00)	ND(1.10)	ND(1.60)
Tin	NA	NA	120	4.70 J	7.80 J	40.0
Vanadium	NA	NA	11.0	7.50	12.0	15.0
Zinc	NA	NA	190	50.0 J	120 J	300

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-X2 0-1 08/22/02	RAA12-X2 10-12 08/22/02	RAA12-X2 10-15 08/22/02	RAA12-Y4 0-1 08/21/02	RAA12-Y4 1-3 08/21/02	RAA12-Z3 0-1 08/15/02
Volatile Organics						
Acetone	ND(0.020)	ND(0.028)	NA	ND(0.024)	ND(0.025) [ND(0.026)]	ND(0.022)
Benzene	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Carbon Disulfide	ND(0.0051)	ND(0.0069)	NA	ND(0.0060) J	ND(0.0063) [ND(0.0064) J]	ND(0.0055)
Chlorobenzene	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Tetrachloroethene	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Toluene	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Trichloroethene	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Vinyl Chloride	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Xylenes (total)	ND(0.0051)	ND(0.0069)	NA	ND(0.0060)	ND(0.0063) [ND(0.0064)]	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
1,3-Dichlorobenzene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
2-Methylnaphthalene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [0.11 J]	ND(0.37)
2-Methylphenol	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
3&4-Methylphenol	ND(0.69)	NA	ND(0.92)	ND(0.80)	ND(0.85) [ND(0.86)]	ND(0.74)
Acenaphthene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
Acenaphthylene	ND(0.34)	NA	ND(0.46)	ND(0.40)	0.26 J [0.62]	ND(0.37)
Aniline	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [0.31 J]	ND(0.37)
Anthracene	ND(0.34)	NA	ND(0.46)	ND(0.40)	0.21 J [0.47]	ND(0.37)
Benzo(a)anthracene	ND(0.34)	NA	ND(0.46)	0.26 J	0.68 J [1.4 J]	1.2
Benzo(a)pyrene	ND(0.34)	NA	ND(0.46)	0.21 J	0.73 J [1.6 J]	0.83
Benzo(b)fluoranthene	ND(0.34)	NA	ND(0.46)	0.18 J	0.59 J [1.2 J]	0.91
Benzo(g,h,i)perylene	ND(0.34)	NA	ND(0.46)	0.16 J	0.59 J [1.1 J]	0.54
Benzo(k)fluoranthene	ND(0.34)	NA	ND(0.46)	0.22 J	0.50 J [1.1 J]	0.78
bis(2-Ethylhexyl)phthalate	ND(0.34)	NA	ND(0.46)	ND(0.39)	ND(0.42) [ND(0.42)]	ND(0.36)
Butylbenzylphthalate	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
Chrysene	0.077 J	NA	ND(0.46)	0.27 J	0.71 J [1.5 J]	1.1
Dibenzo(a,h)anthracene	ND(0.34)	NA	ND(0.46)	ND(0.40)	0.21 J [0.46]	ND(0.37)
Dibenzofuran	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
Di-n-Butylphthalate	ND(0.34)	NA	ND(0.46)	ND(0.40)	0.26 J [0.22 J]	ND(0.37)
Di-n-Octylphthalate	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [ND(0.43)]	ND(0.37)
Fluoranthene	0.072 J	NA	ND(0.46)	0.34 J	0.45 J [0.99 J]	1.7
Fluorene	ND(0.34)	NA	ND(0.46)	ND(0.40)	ND(0.42) [0.11 J]	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.34)	NA	ND(0.46)	0.12 J	0.48 J [0.98 J]	0.54
Naphthalene	ND(0.34)	NA	ND(0.46)	ND(0.40)	0.12 J [0.23 J]	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.69)	NA	ND(0.92)	ND(0.80)	ND(0.85) [ND(0.86)]	ND(0.74)
Phenacetin	ND(0.69)	NA	ND(0.92)	ND(0.80)	ND(0.85) [ND(0.86)]	ND(0.74)
Phenanthrene	ND(0.34)	NA	ND(0.46)	0.16 J	0.22 J [0.46]	1.3
Pyrene	0.13 J	NA	ND(0.46)	0.47	0.85 J [1.7 J]	3.6
Organochlorine Pesticides						
None Detected	NA	NA	NA	--	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	--	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	ND(0.38)	NA	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-X2 0-1 08/22/02	RAA12-X2 10-12 08/22/02	RAA12-X2 10-15 08/22/02	RAA12-Y4 0-1 08/21/02	RAA12-Y4 1-3 08/21/02	RAA12-Z3 0-1 08/15/02
Furans						
2,3,7,8-TCDF	0.0000027 Y	NA	ND(0.00000016)	0.000020 YQ	0.000048 Y [0.000060 YQ]	0.000030 YQ
TCDFs (total)	0.000041	NA	ND(0.00000016)	0.00022	0.00033 [0.00040]	0.00023 QI
1,2,3,7,8-PeCDF	0.0000013 J	NA	ND(0.00000030)	0.000012	0.000027 J [0.000046 J]	0.000011 Q
2,3,4,7,8-PeCDF	0.0000086	NA	ND(0.00000030)	0.000067	0.000060 [0.000073]	0.000028 Q
PeCDFs (total)	0.00014 QI	NA	ND(0.00000030)	0.00075 I	0.00044 Q [0.00058 Q]	0.00026 Q
1,2,3,4,7,8-HxCDF	0.0000060	NA	ND(0.00000030)	0.00012	0.000055 [0.000081]	0.000024
1,2,3,6,7,8-HxCDF	0.0000048	NA	ND(0.00000030)	0.000040	0.000027 [0.000042]	0.000013
1,2,3,7,8,9-HxCDF	0.0000015 J	NA	ND(0.00000030)	0.000025	0.000017 [0.000021]	0.0000056 Q
2,3,4,6,7,8-HxCDF	0.000018	NA	ND(0.00000030)	0.00014	0.000045 [0.000052]	0.000036
HxCDFs (total)	0.00026	NA	ND(0.00000030)	0.0020	0.00048 [0.00059]	0.00050 Q
1,2,3,4,6,7,8-HpCDF	0.000029	NA	ND(0.00000030)	0.00027	0.00010 [0.00013]	0.000076
1,2,3,4,7,8,9-HpCDF	0.0000030	NA	ND(0.00000030)	0.000062	0.000018 [0.000022]	0.0000096
HpCDFs (total)	0.000069	NA	ND(0.00000030)	0.00070	0.00021 [0.00025]	0.00018
OCDF	0.000022	NA	ND(0.00000060)	0.00019	0.00011 [0.00012]	0.000054
Dioxins						
2,3,7,8-TCDD	ND(0.00000019)	NA	ND(0.00000028)	0.0000012 J	0.0000018 J [0.0000016 J]	0.00000075 J
TCDDs (total)	0.00000083	NA	ND(0.00000041)	0.000023	0.000022 [0.000025]	0.000015
1,2,3,7,8-PeCDD	ND(0.0000010) X	NA	ND(0.00000030)	0.000011	0.0000056 J [0.0000061]	0.0000038
PeCDDs (total)	0.0000059	NA	ND(0.00000045)	0.00011	0.000051 [0.000057 Q]	0.000032 Q
1,2,3,4,7,8-HxCDD	0.0000012 J	NA	ND(0.00000035)	0.0000085	0.0000055 J [0.0000064]	0.0000047
1,2,3,6,7,8-HxCDD	0.0000024 J	NA	ND(0.00000031)	0.000024	0.000013 [0.000014]	0.000012
1,2,3,7,8,9-HxCDD	0.0000024 J	NA	ND(0.00000032)	0.000016	0.0000091 [0.0000093]	0.0000095
HxCDDs (total)	0.000026	NA	ND(0.00000082)	0.00032	0.00012 [0.00014]	0.00012 Q
1,2,3,4,6,7,8-HpCDD	0.000026	NA	0.00000019 J	0.000098	0.00010 [0.00012]	0.00018
HpCDDs (total)	0.000048	NA	ND(0.00000030)	0.00020	0.00017 [0.00019]	0.00031
OCDD	0.00014	NA	ND(0.00000078) X	0.00042	0.00063 [0.00070]	0.00095
Total TEQs (WHO TEFs)	0.0000095	NA	0.00000049	0.000090	0.000063 [0.000078]	0.000035
Inorganics						
Antimony	1.10 J	NA	ND(6.00) J	1.50 J	2.70 J [44.0 J]	1.20 B
Arsenic	4.10 J	NA	1.30 J	8.70	7.00 [9.50]	7.20
Barium	65.0 J	NA	9.80 J	130 J	140 J [200 J]	360
Beryllium	0.320 J	NA	0.150 J	0.700	0.470 B [0.490 B]	0.280 B
Cadmium	0.590	NA	0.230 B	0.830	2.00 [2.10]	2.70
Chromium	6.00 J	NA	6.50 J	15.0	37.0 [28.0]	19.0
Cobalt	7.70 J	NA	6.50 J	9.90	6.60 [6.50]	6.80
Copper	28.0 J	NA	9.40 J	93.0	760 [520]	180
Cyanide	ND(0.100) J	NA	ND(0.140) J	ND(0.120)	ND(0.130) [ND(0.130)]	0.680
Lead	54.0 J	NA	4.10 J	180 J	560 J [21000 J]	1300
Mercury	0.0810 B	NA	ND(0.140)	0.160	0.700 [0.630]	0.200
Nickel	11.0 J	NA	10.0 J	20.0	20.0 [16.0]	16.0
Selenium	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	0.730 B [0.790 B]	1.10
Silver	ND(1.00) J	NA	ND(1.00) J	ND(1.00)	ND(1.00) [0.880 B]	0.860 B
Sulfide	16.0	NA	62.0	34.0	45.0 [54.0]	11.0
Thallium	ND(1.00)	NA	ND(1.40)	ND(1.20)	ND(1.30) [ND(1.30)]	ND(1.60)
Tin	6.60 J	NA	4.50 J	22.0	90.0 [100]	26.0
Vanadium	7.20	NA	4.70 B	20.0 J	20.0 J [38.0 J]	20.0
Zinc	64.0 J	NA	32.0 J	150 J	680 J [380 J]	510

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 0-1 08/21/02	RAA12-Z4 1-3 08/21/02	RAA12-Z4 3-4 08/21/02	RAA12-Z4 3-6 08/21/02	RAA12-Z4 6-10 08/21/02	RAA12-Z4 8-10 08/21/02
Volatile Organics						
Acetone	0.014 J	ND(0.022)	ND(0.027)	NA	NA	ND(0.028)
Benzene	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Carbon Disulfide	ND(0.0056) J	ND(0.0055) J	ND(0.0067) J	NA	NA	ND(0.0070) J
Chlorobenzene	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Tetrachloroethene	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Toluene	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Trichloroethene	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Vinyl Chloride	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Xylenes (total)	ND(0.0056)	ND(0.0055)	ND(0.0067)	NA	NA	ND(0.0070)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
1,3-Dichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
1,4-Dichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
2-Methylnaphthalene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
2-Methylphenol	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
3&4-Methylphenol	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)	NA
Acenaphthene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Acenaphthylene	0.13 J	ND(0.36)	NA	0.18 J	ND(0.46)	NA
Aniline	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Anthracene	0.26 J	ND(0.36)	NA	0.28 J	ND(0.46)	NA
Benzo(a)anthracene	0.76	0.075 J	NA	0.34 J	ND(0.46)	NA
Benzo(a)pyrene	0.64	ND(0.36)	NA	0.43 J	ND(0.46)	NA
Benzo(b)fluoranthene	0.59	0.089 J	NA	0.37 J	ND(0.46)	NA
Benzo(g,h,i)perylene	0.56	0.12 J	NA	0.75	ND(0.46)	NA
Benzo(k)fluoranthene	0.76	0.11 J	NA	0.31 J	ND(0.46)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.36)	NA	ND(0.44)	ND(0.46)	NA
Butylbenzylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Chrysene	0.88	0.11 J	NA	0.32 J	ND(0.46)	NA
Dibenzo(a,h)anthracene	0.18 J	ND(0.36)	NA	0.13 J	ND(0.46)	NA
Dibenzofuran	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Di-n-Butylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Di-n-Octylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Fluoranthene	1.2	0.089 J	NA	0.22 J	ND(0.46)	NA
Fluorene	ND(0.41)	ND(0.36)	NA	ND(0.45)	ND(0.46)	NA
Indeno(1,2,3-cd)pyrene	0.51	0.085 J	NA	0.44 J	ND(0.46)	NA
Naphthalene	ND(0.41)	ND(0.36)	NA	0.14 J	ND(0.46)	NA
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)	NA
Phenacetin	ND(0.76)	ND(0.74)	NA	ND(0.90)	ND(0.93)	NA
Phenanthrene	0.52	ND(0.36)	NA	0.14 J	ND(0.46)	NA
Pyrene	1.6	0.18 J	NA	0.40 J	ND(0.46)	NA
Organochlorine Pesticides						
None Detected	NA	--	NA	NA	--	NA
Organophosphate Pesticides						
None Detected	NA	--	NA	NA	--	NA
Herbicides						
2,4,5-TP	NA	ND(0.35)	NA	NA	ND(0.44)	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 0-1 08/21/02	RAA12-Z4 1-3 08/21/02	RAA12-Z4 3-4 08/21/02	RAA12-Z4 3-6 08/21/02	RAA12-Z4 6-10 08/21/02	RAA12-Z4 8-10 08/21/02
Furans						
2,3,7,8-TCDF	0.000035 Y	0.000028 Y	NA	0.000034 Y	ND(0.00000040)	NA
TCDFs (total)	0.00031 I	0.00020	NA	0.000053	ND(0.00000040)	NA
1,2,3,7,8-PeCDF	0.000017	0.000011	NA	0.000020	ND(0.00000064)	NA
2,3,4,7,8-PeCDF	0.000090	0.000038	NA	0.000026	ND(0.00000064)	NA
PeCDFs (total)	0.0011 I	0.00042	NA	0.00032 Q	ND(0.00000064)	NA
1,2,3,4,7,8-HxCDF	0.00012	0.000042	NA	0.000050	ND(0.00000064)	NA
1,2,3,6,7,8-HxCDF	0.000042	0.000016	NA	0.000020	ND(0.00000064)	NA
1,2,3,7,8,9-HxCDF	0.000037	0.000010	NA	0.0000090	ND(0.00000064)	NA
2,3,4,6,7,8-HxCDF	0.00018	0.000045	NA	0.000039	ND(0.00000064)	NA
HxCDFs (total)	0.0032	0.00072	NA	0.00055	0.00000062	NA
1,2,3,4,6,7,8-HpCDF	0.00027	0.000096	NA	0.000086	0.00000034 J	NA
1,2,3,4,7,8,9-HpCDF	0.000064	0.000018	NA	0.000020	ND(0.00000064)	NA
HpCDFs (total)	0.00076	0.00023	NA	0.00018	0.00000034	NA
OCDF	0.00016	0.000064	NA	0.000091	ND(0.0000013)	NA
Dioxins						
2,3,7,8-TCDD	0.0000011 J	ND(0.00000069) X	NA	0.00000062 J	ND(0.00000051)	NA
TCDDs (total)	0.000022	0.0000085	NA	0.0000050	ND(0.00000095)	NA
1,2,3,7,8-PeCDD	0.000012	0.0000039 J	NA	0.0000040	ND(0.00000064)	NA
PeCDDs (total)	0.00012 Q	0.000038	NA	0.000034 Q	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD	0.000012	0.0000042 J	NA	0.0000030 J	ND(0.00000064)	NA
1,2,3,6,7,8-HxCDD	0.000025	0.0000073	NA	0.0000068	ND(0.00000064)	NA
1,2,3,7,8,9-HxCDD	0.000017	0.0000056	NA	0.0000051	ND(0.00000064)	NA
HxCDDs (total)	0.00037	0.00012	NA	0.000084	ND(0.00000064)	NA
1,2,3,4,6,7,8-HpCDD	0.000093	0.000055	NA	0.000039	ND(0.00000052) X	NA
HpCDDs (total)	0.00020	0.00010	NA	0.000076	ND(0.00000064)	NA
OCDD	0.00040	0.00026	NA	0.00021	ND(0.0000021) X	NA
Total TEQs (WHO TEFs)	0.00011	0.000041	NA	0.000037	0.0000010	NA
Inorganics						
Antimony	4.00 J	4.60 J	NA	6.60 J	ND(6.00) J	NA
Arsenic	11.0	12.0	NA	17.0	2.50	NA
Barium	310 J	440 J	NA	580 J	39.0 J	NA
Beryllium	0.460 B	0.480 B	NA	0.560	0.340 B	NA
Cadmium	2.40	2.70	NA	6.80	0.410 B	NA
Chromium	19.0	21.0	NA	78.0	9.60	NA
Cobalt	12.0	8.90	NA	15.0	7.70	NA
Copper	120	86.0	NA	190	10.0	NA
Cyanide	0.760	0.470	NA	1.60	ND(0.140)	NA
Lead	610 J	440 J	NA	730 J	6.10 J	NA
Mercury	0.540	0.260	NA	0.820	ND(0.140)	NA
Nickel	24.0	20.0	NA	34.0	12.0	NA
Selenium	1.50	1.50	NA	2.90	ND(1.00)	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide	18.0	90.0	NA	73.0	130	NA
Thallium	ND(1.10)	ND(1.10)	NA	ND(1.30)	ND(1.40)	NA
Tin	100	380	NA	530	5.00 B	NA
Vanadium	20.0 J	20.0 J	NA	19.0 J	10.0 J	NA
Zinc	460 J	2100 J	NA	1900 J	52.0 J	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 10-12 08/21/02	RAA12-Z4 10-15 08/21/02
Volatile Organics		
Acetone	ND(0.025)	NA
Benzene	ND(0.0063)	NA
Carbon Disulfide	ND(0.0063) J	NA
Chlorobenzene	ND(0.0063)	NA
Tetrachloroethene	ND(0.0063)	NA
Toluene	ND(0.0063)	NA
Trichloroethene	ND(0.0063)	NA
Vinyl Chloride	ND(0.0063)	NA
Xylenes (total)	ND(0.0063)	NA
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	NA	ND(0.42)
1,2,4-Trichlorobenzene	NA	ND(0.42)
1,3-Dichlorobenzene	NA	ND(0.42)
1,4-Dichlorobenzene	NA	ND(0.42)
2-Methylnaphthalene	NA	ND(0.42)
2-Methylphenol	NA	ND(0.42)
3&4-Methylphenol	NA	ND(0.84)
Acenaphthene	NA	ND(0.42)
Acenaphthylene	NA	ND(0.42)
Aniline	NA	ND(0.42)
Anthracene	NA	ND(0.42)
Benzo(a)anthracene	NA	ND(0.42)
Benzo(a)pyrene	NA	ND(0.42)
Benzo(b)fluoranthene	NA	ND(0.42)
Benzo(g,h,i)perylene	NA	ND(0.42)
Benzo(k)fluoranthene	NA	ND(0.42)
bis(2-Ethylhexyl)phthalate	NA	ND(0.42)
Butylbenzylphthalate	NA	ND(0.42)
Chrysene	NA	ND(0.42)
Dibenzo(a,h)anthracene	NA	ND(0.42)
Dibenzofuran	NA	ND(0.42)
Di-n-Butylphthalate	NA	0.097 J
Di-n-Octylphthalate	NA	ND(0.42)
Fluoranthene	NA	ND(0.42)
Fluorene	NA	ND(0.42)
Indeno(1,2,3-cd)pyrene	NA	ND(0.42)
Naphthalene	NA	ND(0.42)
p-Dimethylaminoazobenzene	NA	ND(0.84)
Phenacetin	NA	ND(0.84)
Phenanthrene	NA	ND(0.42)
Pyrene	NA	ND(0.42)
Organochlorine Pesticides		
None Detected	NA	--
Organophosphate Pesticides		
None Detected	NA	--
Herbicides		
2,4,5-TP	NA	ND(0.40)

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Z4 10-12 08/21/02	RAA12-Z4 10-15 08/21/02
Furans		
2,3,7,8-TCDF	NA	ND(0.0000012)
TCDFs (total)	NA	ND(0.0000012)
1,2,3,7,8-PeCDF	NA	ND(0.0000030)
2,3,4,7,8-PeCDF	NA	ND(0.0000030)
PeCDFs (total)	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000030)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000030)
HxCDFs (total)	NA	ND(0.0000030)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000030)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000030)
HpCDFs (total)	NA	ND(0.0000030)
OCDF	NA	ND(0.0000060)
Dioxins		
2,3,7,8-TCDD	NA	ND(0.0000014)
TCDDs (total)	NA	ND(0.0000043)
1,2,3,7,8-PeCDD	NA	ND(0.0000030)
PeCDDs (total)	NA	ND(0.0000050)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000030)
HxCDDs (total)	NA	ND(0.0000083)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000030)
HpCDDs (total)	NA	ND(0.0000030)
OCDD	NA	ND(0.0000075) X
Total TEQs (WHO TEFs)	NA	0.0000042
Inorganics		
Antimony	NA	ND(6.00) J
Arsenic	NA	2.10
Barium	NA	19.0 J
Beryllium	NA	0.210 B
Cadmium	NA	0.320 B
Chromium	NA	9.20
Cobalt	NA	5.60
Copper	NA	8.90
Cyanide	NA	ND(0.120)
Lead	NA	4.70 J
Mercury	NA	ND(0.120)
Nickel	NA	9.40
Selenium	NA	ND(1.00)
Silver	NA	ND(1.00)
Sulfide	NA	62.0
Thallium	NA	ND(1.20)
Tin	NA	4.70 B
Vanadium	NA	7.90 J
Zinc	NA	35.0 J

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NA - Not Analyzed - Laboratory did not report results for this analyte.
5. Field duplicate sample results are presented in brackets.
6. Only those constituents detected in one or more samples are sumarized.
7. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

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

E - Analyte exceeded calibration range.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates that the associated numerical value is an estimated concentration.
Q - Indicates the presence of quantitative interferences.
R - Data was rejected due to a deficiency in the data generation process.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
J - Indicates that the associated numerical value is an estimated concentration.

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SL0243	082498MS28	0-0.5	8/24/1998	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	54	15	69
B-1	B-1	0-0.5	10/1/1995	NR	NR	NR	NR	NR	NR	NR	4.18
	ROB1B0002	0-2	11/21/1991	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(3.0)	15	15
	ROB1B0204	2-4	11/21/1991	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	19	4.1	23.1
	ROB1B0406(CC)	4-6	11/21/1991	ND(0.12) [ND(0.24)]	ND(0.12) [ND(0.24)]	ND(0.12) [ND(0.24)]	ND(0.12) [ND(0.24)]	ND(0.12) [ND(0.24)]	5.3 [49]	2.8 [ND(0.24)]	8.1 [49]
	ROB1B0406(IT)	4-6	11/21/1991	NR	NR	NR	NR	NR	11 [0.10]	1.3 [ND(0.050)]	12.3 [0.10]
	ROB1B0608	6-8	11/21/1991	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	1.3	4.9	6.2
	ROB1B0810	8-10	11/21/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROB1B1012	10-12	11/21/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROB1B1214	12-14	11/21/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROB1B1416	14-16	11/21/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
B-2	B-2	0-0.5	10/1/1995	NR	NR	NR	NR	NR	NR	NR	11.8
	ROB2B0002(CC)	0-2	11/22/1991	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	14	ND(0.15)	14
	ROB2B0002(IT)	0-2	11/22/1991	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	140	42	182
	ROB2B0204	2-4	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.47	2.2	2.67
	ROB2B0406	4-6	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROB2B0608	6-8	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.22	0.51	0.73
	ROB2B0810	8-10	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.090	0.090
	ROB2B1012	10-12	11/22/1991	NR	NR	NR	NR	NR	5.0 [0.61]	12 [1.2]	17 [1.81]
	ROB2B1214	12-14	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.53	0.91	1.44
	ROB2B1416	14-16	11/22/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
E-1	E-1	0-0.33	4/1/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B0002	0-2	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B0204	2-4	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.35	0.35
	ROE1B0406	4-6	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B0608	6-8	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.16	0.16
	ROE1B0810	8-10	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B1012	10-12	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B1214	12-14	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE1B1416	14-16	3/26/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
E-2	E-2	0-0.33	4/1/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROE2B0002	0-2	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.68	0.11	0.79
	ROE2B0204	2-4	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.41	0.050	0.46
	ROE2B0406	4-6	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.23	ND(0.050)	0.23
	ROE2B0608	6-8	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.2	0.15	1.35
	ROE2B0810(CC)	8-10	3/25/1991	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
	ROE2B0810(IT)	8-10	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.28	ND(0.050)	0.28
	ROE2B1012	10-12	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.25	ND(0.050)	0.25
	ROE2B1214	12-14	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.91	0.060	0.97
	ROE2B1416	14-16	3/25/1991	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.70	0.060	0.76
E-3	OE3B0002(K)	0-2	8/9/1995	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	ND(13)	22	22
	OE3B0002(P)	0-2	8/9/1995	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	15	19	34
	OE3B0204	2-4	8/9/1995	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(2.2)	7.7	7.7
	OE3B0406	4-6	8/9/1995	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(6.9)	15	15
	OE3B0608	6-8	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	1.2	1.2	2.4
	OE3B1012	10-12	8/9/1995	ND(0.047) [ND(0.048)]	ND(0.047) [ND(0.048)]	ND(0.047) [ND(0.048)]	ND(0.047) [ND(0.048)]	ND(0.047) [ND(0.048)]	ND(0.047) [ND(0.048)]	0.073 [0.084]	0.073 [0.084]
	OE3B1214	12-14	8/9/1995	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.11)	0.18	0.18
	OE3B1416	14-16	8/9/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.053)	0.063	0.063
E-4	OE4B0002(K)	0-2	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.55)	2.0	2.0
	OE4B0002(P)	0-2	8/9/1995	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(1.4)	6.6	6.6
	OE4B0204	2-4	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.45)	1.5	1.5
	OE4B0406	4-6	8/9/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.56)	2.0	2.0
	OE4B0608	6-8	8/9/1995	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.23)	0.38	0.38
	OE4B0810	8-10	8/9/1995	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.092)	0.17	0.17
	OE4B1012	10-12	8/9/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.047)	ND(0.047)	ND(0.047)
	OE4B1214	12-14	8/9/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.052)	ND(0.052)	ND(0.052)
	OE4B1416	14-16	8/9/1995	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.053)	ND(0.053)	ND(0.053)

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
E-5	OE5B0002	0-2	8/10/1995	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	2.4	ND(0.87)	2.4
	OE5B0204	2-4	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B0406	4-6	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.043)	ND(0.043)	ND(0.043)
	OE5B0608(K)	6-8	8/10/1995	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.041)	ND(0.041)	ND(0.041)
	OE5B0608(P)	6-8	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B0810	8-10	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	OE5B1012	10-12	8/10/1995	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.051)	ND(0.051)	ND(0.051)
	OE5B1214	12-14	8/10/1995	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.47	ND(0.24)	0.47
	OE5B1416	14-16	8/10/1995	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]	ND(0.055) [ND(0.055)]
E-6	OE6B0002(K)	0-2	8/16/1995	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	4.2	ND(2.3)	4.2
	OE6B0002(P)	0-2	8/16/1995	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.95)	1.5	1.5
	OE6B0204	2-4	8/16/1995	ND(0.31) [ND(0.30)]	ND(0.31) [ND(0.30)]	ND(0.31) [ND(0.30)]	ND(0.31) [ND(0.30)]	ND(0.31) [ND(0.30)]	0.56 [0.82]	ND(0.31) [ND(0.30)]	0.56 [0.82]
	OE6B0406	4-6	8/16/1995	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.65	0.58	1.23
	OE6B0608	6-8	8/16/1995	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.38	ND(0.091)	0.38
	OE6B0810	8-10	8/16/1995	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.80	ND(0.22)	0.80
E-7	OE-7B0002	0-2	8/7/1995	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.23)	0.33	0.33
	OE-7B0204	2-4	8/7/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.045)	ND(0.045)	ND(0.045)
	OE-7B0406(K)	4-6	8/7/1995	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.092)	0.097	0.097
	OE-7B0406(P)	4-6	8/7/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.045)	ND(0.045)	ND(0.045)
	OE-7B0608	6-8	8/7/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.051)	ND(0.051)	ND(0.051)
	OE-7B0810	8-10	8/7/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.053)	ND(0.053)	ND(0.053)
	OE-7B1012	10-12	8/7/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.051)	ND(0.051)	ND(0.051)
	OE-7B1214	12-14	8/7/1995	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.050)	ND(0.050)	ND(0.050)
	OE-7B1416	14-16	8/7/1995	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.051)	ND(0.051)	ND(0.051)
I9-4-14A	I9-4-14A	0-0.5	8/1/1992	NR	NR	NR	NR	NR	NR	NR	6.2
I9-4-14B	I9-4-14B	0-0.5	8/1/1992	NR	NR	NR	NR	NR	NR	NR	4.3
I9-4-14C	I9-4-14C	0-0.5	8/1/1992	NR	NR	NR	NR	NR	NR	NR	47
I9-4-14D	I9-4-14D	0-0.5	1/5/1993	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.19)	4.3	4.3
		0.5-1	1/5/1993	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.21)	5.4	5.4
I9-4-14E	I9-4-14E	0-0.5	1/5/1993	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.17)	3.5	3.5
		0.5-1	1/5/1993	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.17)	6.7	6.7
LS-2	LS-2	4-8	8/24/1989	ND(74)	ND(74)	ND(74)	ND(74)	ND(74)	7300	ND(300)	7300
		8-12	8/24/1989	ND(410)	ND(410)	ND(410)	ND(410)	ND(410)	25000	ND(1400)	25000
LS-4	LS-4	6-12	8/26/1989	ND(30)	ND(30)	ND(30)	ND(30)	ND(30)	1100	ND(80)	1100
		12-18	8/26/1989	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	830	ND(50)	830
LS-7	LS-7	0-2	9/14/1990	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	130	ND(9.0)	130
		2-4	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.5	ND(0.20)	1.5
		4-6	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	4.7	ND(0.70)	4.7
		6-8	9/14/1990	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	15	ND(2.0)	15
		8-10	9/14/1990	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	21	ND(4.0)	21
		10-12	9/14/1990	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	13	ND(2.0)	13
		12-14	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.090	ND(0.050)	0.090
		14-16	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.27	ND(0.050)	0.27
LS-8	LS-8	0-2	9/14/1990	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	5.6	ND(0.70)	5.6
		2-4	9/14/1990	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	130	ND(10)	130
		4-6	9/14/1990	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	8.1	ND(0.40)	8.1
		6-8	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.9	6.2	8.1
		8-10	9/14/1990	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	2900	ND(200)	2900
		10-12	9/14/1990	ND(90)	ND(90)	ND(90)	ND(90)	ND(90)	5800	ND(200)	5800
		12-14	9/14/1990	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	8300	ND(300)	8300
		14-16	9/14/1990	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	4800	ND(200)	4800
LS-9	LS-9	0-2	9/14/1990	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	7.2	8.5	15.7
		2-4	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.5	ND(0.080)	1.5
		4-6	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.8	ND(0.080)	1.8
		6-8	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.6	ND(0.090)	1.6
		8-10	9/14/1990	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	2.3	ND(0.20)	2.3
		10-12	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	2.0	ND(0.10)	2.0
		12-14	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	2.1	ND(0.10)	2.1
		14-16	9/14/1990	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)	1.8 D	ND(1.1)	1.8

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LS-10	LS-10	0-2	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.51	ND(0.050)	0.51
		2-4	9/14/1990	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	8.9	ND(0.60)	8.9
		4-6	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.45	ND(0.050)	0.45
		6-8	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	3.1	ND(0.20)	3.1
		8-10	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.10	ND(0.050)	0.10
		10-12	9/14/1990	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	0.14 J	ND(0.18)	0.14 J
		12-14	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.4	ND(0.070)	1.4
		14-16	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.73	ND(0.050)	0.73
LS-11	LS-11	0-2	9/14/1990	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	24	ND(1.0)	24
		2-4	9/14/1990	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	1300	ND(90)	1300
		4-6	9/14/1990	ND(3000)	ND(3000)	ND(3000)	ND(3000)	ND(3000)	290000	ND(10000)	290000
		6-8	9/14/1990	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	2000	ND(80)	2000
		8-10	9/14/1990	ND(300)	ND(300)	ND(300)	ND(300)	ND(300)	22000	ND(800)	22000
		10-12	9/14/1990	ND(2400)	ND(2400)	ND(2400)	ND(2400)	ND(2400)	11000 D	ND(4800)	11000
		12-14	9/14/1990	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	ND(9.0)	640	ND(20)	640
		14-16	9/14/1990	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	4700	ND(200)	4700
LS-12	LS-12	2-4	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.84	1.4	2.24
		6-8	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	3.9	1.0	4.9
		10-12	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.65	0.31	0.96
		14-16	9/14/1990	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.21	0.080	0.29
LS-13	LS-13	2-4	9/14/1990	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	1100	1200	2300
		6-8	9/14/1990	ND(8.0)	ND(8.0)	ND(8.0)	ND(8.0)	ND(8.0)	580	ND(100)	580
		10-12	9/14/1990	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	330	84	414
		14-16	9/14/1990	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	3700	ND(200)	3700
LS-26	L26B0002	0-2	8/10/1995	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.98	0.99	1.97
	L26B1012	10-12	8/10/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.049)	ND(0.049)	ND(0.049)
LS-27	L27B0002	0-2	8/11/1995	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	11	ND(2.1)	11
	L27B0204(K)	2-4	8/11/1995	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.44)	0.83	0.83
	L27B0204(P)	2-4	8/11/1995	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.42	0.77	1.19
	L27B0406	4-6	8/11/1995	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	7.0	ND(1.6)	7.0
	L27B0810	8-10	8/11/1995	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	1.4	ND(0.92)	1.4
	L27B1012	10-12	8/11/1995	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	0.48	ND(0.47)	0.48
	L27B1214	12-14	8/11/1995	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	0.40	ND(0.27)	0.40
	L27B1416	14-16	8/11/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	0.12	ND(0.049)	0.12
LS-28	L28B0002	0-2	8/14/1995	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.63	ND(0.21)	0.63
	L28B0204	2-4	8/14/1995	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.3	ND(0.42)	1.3
	L28B0406	4-6	8/14/1995	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.1	ND(0.85)	3.1
	L28B0608	6-8	8/14/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	L28B0810	8-10	8/14/1995	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.6	ND(0.84)	3.6
	L28B1012(K)	10-12	8/14/1995	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.25	ND(0.087)	0.25
	L28B1012(P)	10-12	8/14/1995	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.26	ND(0.080)	0.26
	L28B1214	12-14	8/14/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	L28B1416	14-16	8/14/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
LS-29	L29B0002	0-2	8/8/1995	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	28	ND(14)	28
	L29B1012	10-12	8/8/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	0.19	ND(0.047)	0.19
LS-30	L30B0002	0-2	8/14/1995	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	49	360	409
	L30B1012	10-12	8/14/1995	ND(1100)	ND(1100)	ND(1100)	ND(1100)	ND(1100)	5800	ND(1100)	5800
	L30B1214	12-14	8/14/1995	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	960	ND(240)	960
	L30B1416(K)	14-16	8/14/1995	ND(580)	ND(580)	ND(580)	ND(580)	ND(580)	4400	ND(1200)	4400
	L30B1416(P)	14-16	8/14/1995	ND(250)	ND(250)	ND(250)	ND(250)	ND(250)	2500	ND(500)	2500
LS-31	L31B0002	0-2	8/15/1995	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	890	ND(340)	890
	L31B1012	10-12	8/15/1995	ND(280)	ND(280)	ND(280)	ND(280)	ND(280)	2900	ND(640)	2900
	L31B1214	12-14	8/15/1995	ND(66)	ND(66)	ND(66)	ND(66)	ND(66)	1700	450	2150
	L31B1416	14-16	8/15/1995	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	340	78	418
LS-32	LS3224	2-4	10/12/1994	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	5300	ND(4.5)	5300

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

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LS-33	GEP-LS-33	0-2	10/12/1994	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	3.9	2.1	6.0
		2-4	10/12/1994	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	2.1	ND(0.85)	2.1
		4-6	10/12/1994	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.2	ND(1.1)	2.2
		6-8	10/12/1994	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	1.3	ND(0.88)	1.3
		8-10	10/12/1994	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	0.87	ND(0.87)	0.87
		10-12	10/12/1994	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.59	0.12	0.71
		12-14	10/12/1994	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.52	0.38	0.90
		14-16	10/12/1994	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	490	100	590
LS-34	L34B0002	0-2	12/14/1995	ND(0.16) [ND(0.055)]	ND(0.11) [ND(0.023)]	ND(0.31) [ND(0.11)]	ND(0.25) [ND(0.089)]	ND(0.23) [ND(0.080)]	ND(0.93) [ND(0.45)]	0.73 [0.32]	0.73 [0.32]
	L34B0204	2-4	12/14/1995	ND(0.059)	ND(0.023)	ND(0.13)	ND(0.096)	ND(0.075)	ND(0.39)	0.27	0.27
	L34B0406	4-6	12/14/1995	ND(0.12)	ND(0.12)	ND(0.22)	ND(0.17)	ND(0.12)	0.53	ND(0.33)	0.53
	L34B0608	6-8	12/14/1995	ND(0.20)	ND(0.026)	ND(0.38)	ND(0.32)	ND(0.28)	0.43	ND(0.20)	0.43
	L34B0810	8-10	12/14/1995	ND(0.030)	ND(0.028)	ND(0.060)	ND(0.058)	ND(0.048)	0.061	ND(0.057)	0.061
	L34B1012	10-12	12/14/1995	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.059)	ND(0.059)	ND(0.059)
	L34B1214	12-14	12/14/1995	ND(0.048)	ND(0.028)	ND(0.10)	ND(0.078)	ND(0.051)	0.063	ND(0.056)	0.063
	L34B1416	14-16	12/14/1995	ND(0.029)	ND(0.029)	ND(0.051)	ND(0.041)	ND(0.029)	ND(0.059)	ND(0.059)	ND(0.059)
LS-35	L35B0002	0-2	8/15/1995	ND(21) [ND(21)]	ND(21) [ND(21)]	ND(21) [ND(21)]	ND(21) [ND(21)]	ND(21) [ND(21)]	29 [35]	ND(21) [ND(21)]	29 [35]
	L35B1214	12-14	8/15/1995	ND(120)	ND(120)	ND(120)	ND(120)	ND(120)	1000	ND(240)	1000
LS-36	L36B0002	0-2	8/7/1995	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.31	ND(1.3)	0.31
	L36B0204	2-4	8/7/1995	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	5.3	ND(2.4)	5.3
	L36B0406	4-6	8/7/1995	ND(2.3) [ND(2.3)]	ND(2.3) [ND(2.3)]	ND(2.3) [ND(2.3)]	ND(2.3) [ND(2.3)]	ND(2.3) [ND(2.3)]	5.1 [7.0]	ND(2.3) [ND(2.3)]	5.1 [7.0]
	L36B0608	6-8	8/7/1995	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.046)	ND(0.046)	ND(0.046)
	L36B0810	8-10	8/7/1995	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.22	ND(0.094)	0.22
	L36B1012	10-12	8/7/1995	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.098	ND(0.047)	0.098
	L36B1214	12-14	8/7/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.049)	ND(0.049)	ND(0.049)
	L36B1416	14-16	8/7/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.047)	ND(0.047)	ND(0.047)
LS-37	L37B0002	0-2	8/8/1995	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.10)	0.18	0.18
	L37B0204	2-4	8/8/1995	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.085)	0.16	0.16
	L37B0406	4-6	8/8/1995	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.042)	ND(0.042)	ND(0.042)
	L37B0608(K)	6-8	8/8/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	L37B0608(P)	6-8	8/8/1995	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]
	L37B0810	8-10	8/8/1995	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.047)	ND(0.047)	ND(0.047)
	L37B1012	10-12	8/8/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.048)	ND(0.048)	ND(0.048)
	L37B1214	12-14	8/8/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.049)	ND(0.049)	ND(0.049)
	L37B1416	14-16	8/8/1995	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.049)	ND(0.049)	ND(0.049)
LS-38	L38B0002	0-2	8/14/1995	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	1.8	1.0	2.8
	L38B0204	2-4	8/14/1995	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.097	ND(0.084)	0.097
	L38B0406	4-6	8/14/1995	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.65	ND(0.21)	0.65
	L38B0608	6-8	8/14/1995	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.64	ND(0.21)	0.64
	L38B1214	12-14	8/14/1995	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.051	ND(0.045)	0.051
	L38B1416	14-16	8/14/1995	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.050)	ND(0.050)	ND(0.050)
LS-39	L39B0002	0-2	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.043)	ND(0.043)	ND(0.043)
	L39B0204	2-4	8/10/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.048)	ND(0.048)	ND(0.048)
	L39B0406	4-6	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	L39B0608	6-8	8/10/1995	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.054)	ND(0.054)	ND(0.054)
	L39B0810	8-10	8/10/1995	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.042)	ND(0.042)	ND(0.042)
	L39B1012(K)	10-12	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.043)	ND(0.043)	ND(0.043)
	L39B1012(P)	10-12	8/10/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.048)	ND(0.048)	ND(0.048)
	L39B1214	12-14	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.045)	ND(0.045)	ND(0.045)
LS-40	L40B0002	0-2	8/10/1995	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.055)	ND(0.055)	ND(0.055)
	L40B0204	2-4	8/10/1995	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.041)	ND(0.041)	ND(0.041)
	L40B0406	4-6	8/10/1995	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.042)	ND(0.042)	ND(0.042)
	L40B0608	6-8	8/10/1995	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.041)	ND(0.041)	ND(0.041)
	L40B0810	8-10	8/10/1995	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.044)	ND(0.044)	ND(0.044)
	L40B1012(K)	10-12	8/10/1995	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.046)	ND(0.046)	ND(0.046)
	L40B1012(P)	10-12	8/10/1995	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.047)	ND(0.047)	ND(0.047)
LS-41	L41B1012	10-12	12/13/1995	ND(1800)	ND(240)	ND(3400)	ND(2900)	ND(2700)	3400	ND(1000)	3400
	L41B1214	12-14	12/13/1995	ND(560)	ND(62)	ND(1100)	ND(870)	ND(820)	1000	ND(300)	1000
	L41B1416	14-16	12/13/1995	ND(2.6)	ND(0.46)	ND(5.1)	ND(4.1)	ND(3.2)	4.3	ND(1.5)	4.3

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LS-42	L42B0002	0-2	4/23/1996	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	5.6	ND(0.94)	5.6
	L42B0204	2-4	4/23/1996	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	0.10	ND(0.047)	0.10
	L42B0406	4-6	4/23/1996	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.045)	ND(0.045)	ND(0.045)
	L42B0608	6-8	4/23/1996	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.053)	ND(0.053)	ND(0.053)
	L42B0810	8-10	4/23/1996	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.051)	ND(0.051)	ND(0.051)
	L42B1012	10-12	4/23/1996	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.049)	ND(0.049)	ND(0.049)
	L42B1214	12-14	4/23/1996	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.046)	ND(0.046)	ND(0.046)
	L42B1416	14-16	4/23/1996	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.047)	ND(0.047)	ND(0.047)
LS-43	L43B0002	0-2	4/24/1996	ND(0.083)	ND(0.083)	ND(0.083)	ND(0.083)	ND(0.083)	0.54	ND(0.17)	0.54
	L43B0204	2-4	4/24/1996	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	0.58	ND(0.17)	0.58
	L43B0406	4-6	4/24/1996	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.1	ND(0.43)	1.1
	L43B0810	8-10	4/24/1996	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	0.094	ND(0.055)	0.094
	L43B1012	10-12	4/24/1996	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.053)	ND(0.053)	ND(0.053)
	L43B1214	12-14	4/24/1996	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.082	ND(0.051)	0.082
	L43B1416	14-16	4/24/1996	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.052)	ND(0.052)	ND(0.052)
LS-44	L44B0002	0-2	4/24/1996	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	3.8	ND(0.87)	3.8
	L44B0204	2-4	4/24/1996	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	22	ND(4.5)	22
	L44B0406	4-6	4/24/1996	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.13	ND(0.045)	0.13
	L44B0608	6-8	4/24/1996	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.67	ND(0.26)	0.67
	L44B0810	8-10	4/24/1996	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	5.0	ND(1.1)	5.0
	L44B1012	10-12	4/24/1996	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.027)	ND(0.055)	ND(0.055)	ND(0.055)
	L44B1214	12-14	4/24/1996	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	0.14	ND(0.056)	0.14
	L44B1416	14-16	4/24/1996	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	1.6	ND(0.54)	1.6
LS-45	L45B0002	0-2	4/25/1996	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.3	ND(0.42)	2.3
	L45B0204	2-4	4/25/1996	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	26	ND(4.4)	26
	L45B0406	4-6	4/25/1996	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	8.3	ND(2.0)	8.3
	L45B0608	6-8	4/25/1996	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	1.1	ND(0.27)	1.1
	L45B0810	8-10	4/25/1996	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	0.61	ND(0.11)	0.61
	L45B1012	10-12	4/25/1996	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	0.092	ND(0.047)	0.092
	L45B1214	12-14	4/25/1996	ND(0.024) [ND(0.023)]	ND(0.024) [ND(0.023)]	ND(0.024) [ND(0.023)]	ND(0.024) [ND(0.023)]	ND(0.024) [ND(0.023)]	0.081 [ND(0.045)]	ND(0.047) [ND(0.045)]	0.081 [ND(0.045)]
	L45B1416	14-16	4/25/1996	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	5.9	ND(0.89)	5.9
LS-C11	LS-C-11	0-0.5	8/30/1995	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.80)	2.4	2.4
LS-C12	LS-C-12	0-0.5	8/30/1995	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	1.2	0.81	2.01
LS-C13	LS-C-13	0-0.5	8/30/1995	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	56	ND(43)	56
LS-C14	LS-C-14	0-0.5	8/30/1995	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.3	ND(2.1)	7.3
LS-C15	LS-C-15	0-0.5	8/30/1995	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.14	ND(0.082)	0.14
LS-C16	LS-C-16	0-0.5	8/30/1995	ND(0.10) [ND(0.10)]	ND(0.10) [ND(0.10)]	ND(0.10) [ND(0.10)]	ND(0.10) [ND(0.10)]	ND(0.10) [ND(0.10)]	ND(0.10) [ND(0.10)]	0.14 [0.14]	0.14 [0.14]
LS-C17	LS-C-17	0-0.5	8/30/1995	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.30)	1.0	1.0
LS-C18	LS-C-18	0-0.5	8/30/1995	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.040)	ND(0.040)	ND(0.040)
LS-C19	LS-C-19	0-0.5	8/30/1995	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.14	ND(0.10)	0.14
LS-GWP-1	LS-GWP-1	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	3600
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	610
LS-GWP-2	LS-GWP-2	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	34
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	15
LS-GWP-3	LS-GWP-3	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	1020
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	300
LS-GWP-4	LS-GWP-4	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	5.1
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	2.7
LS-GWP-5	LS-GWP-5	0-1.75	11/21/1994	NR	NR	NR	NR	NR	NR	NR	6.5
		1.75-3.5	11/21/1994	NR	NR	NR	NR	NR	NR	NR	1.5
LS-GWP-6	LS-GWP-6	0-0.5	12/16/1994	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	54	ND(5.2)	54
LS-GWP-7	LS-GWP-7	0-0.5	12/16/1994	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	15	20	35
LS-GWP-8	LS-GWP-8	0-0.5	12/16/1994	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	13	17	30
LS-GWP-9	LS-GWP-9	0-0.5	12/16/1994	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	130	23	153
LS-GWP-10	LS-GWP-10	0-0.5	12/16/1994	ND(6.5)	ND(6.5)	ND(6.5)	ND(6.5)	ND(6.5)	ND(28)	150	150
LS-GWP-11	LS-GWP-11	0-0.5	12/16/1994	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	6.8	8.3	15.1
LS-GWP-12	LS-GWP-12	0-0.5	12/16/1994	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(4.1)	26	26
LS-GWP-13	LS-GWP-13	0-0.5	12/16/1994	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(1.3) [ND(1.2)]	ND(7.1) [ND(7.1)]	32 [33]	32 [33]
LS-GWP-14	LS-GWP-14	0-0.5	12/16/1994	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(4.1)	13	13
LS-GWP-15	LS-GWP-15	0-0.5	12/16/1994	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(4.8)	32	32

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

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LS-GWP-16	LS-GWP-16	0-0.5	12/16/1994	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	44	18	62
LS-GWP-17	LS-GWP-17	0-0.5	2/21/1995	ND(6.3)	ND(6.3)	ND(6.3)	ND(6.3)	ND(6.3)	ND(13)	53	53
LS-GWP-18	LS-GWP-18	0-0.5	2/21/1995	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	ND(7.5)	ND(31)	33	33
LS-GWP-19	LS-GWP-19	0-0.5	2/21/1995	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	ND(17)	60	60
LS-GWP-20	LS-GWP-20	0-0.5	2/21/1995	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(9.0)	21	21
LS-GWP-21	LS-GWP-21	0-0.5	2/21/1995	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.60)	1.1	1.1
LS-GWP-22	LS-GWP-22	0-0.5	2/21/1995	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(5.6)	32	32
LS-GWP-23	LS-GWP-23	0-0.5	2/21/1995	ND(12)	ND(12)	ND(12)	ND(12)	ND(12)	ND(25)	100	100
LS-GWP-24	LS-GWP-24	0-0.5	2/21/1995	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(1.1)	1.3	1.3
LS-GWP-25	LS-GWP-25	0-0.5	2/21/1995	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(1.4)	4.2	4.2
LS-GWP-26	LS-GWP-26	0-0.5	2/21/1995	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(6.5)	16	16
LS-GWP-27	LS-GWP-27	0-0.5	2/21/1995	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(2.2)	5.2	5.2
LS-GWP-28	LS-GWP-28	0-0.5	2/21/1995	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.27)	0.30	0.30
LS-GWP-29	LS-GWP-29	0-0.5	2/21/1995	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.29)	0.56	0.56
LS-GWP-30	LS-GWP-30	0-0.5	2/21/1995	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(1.3)	2.3	2.3
LS-GWP-31	LS-GWP-31	0-0.5	2/21/1995	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.40	0.98	1.38
LS-GWP-33	LS-GWP-33	0-0.5	8/30/1995	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	ND(10)	25	25
LS-GWP-34	LS-GWP-34	0-0.5	8/30/1995	ND(0.41) [ND(0.42)]	ND(0.41) [ND(0.42)]	ND(0.41) [ND(0.42)]	ND(0.41) [ND(0.42)]	ND(0.41) [ND(0.42)]	ND(0.83) [ND(0.84)]	1.0 [0.91]	1.0 [0.91]
LS-PL-SS-C1	LS-PL-SS-C1	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	5.3
LS-PL-SS-C2	LS-PL-SS-C2	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	0.90
LS-PL-SS-C3	LS-PL-SS-C3	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	0.80
LS-PL-SS-C4	LS-PL-SS-C4	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	1.2
LS-PL-SS-C5	LS-PL-SS-C5	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	4.6
LS-PL-SS-C6	LS-PL-SS-C6	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	2.2
LS-PL-SS-C7	LS-PL-SS-C7	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	5.0
LS-PL-SS-C8	LS-PL-SS-C8	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	2.6
LS-PL-SS-C9	LS-PL-SS-C9	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	60
LS-PL-SS-C10	LS-PL-SS-C10	0-0.3	4/20/1992	NR	NR	NR	NR	NR	NR	NR	2.1
LSSC-01	LSSC-01-CS01	0-1	1/4/1999	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	200	ND(40)	200
	LSSC-01-CS0103	1-3	1/4/1999	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	17	ND(3.7)	17
	LSSC-01-CS0306	3-6	1/4/1999	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	12	ND(1.8)	12
	LSSC-01-CS0610	6-10	1/4/1999	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	2.8	ND(0.80)	2.8
	LSSC-01-CS1015	10-15	1/4/1999	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.1	1.3	2.4
LSSC-02	LSSC-02-CS01	0-1	12/21/1998	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	54	ND(3.6)	54
	LSSC-02-CS0103	1-3	12/21/1998	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.49	0.40	0.89
	LSSC-02-CS0306	3-6	12/21/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.60	ND(0.038)	0.60
	LSSC-02-CS0610	6-10	12/21/1998	ND(0.037)	ND(0.037)	ND(0.037)	0.23	ND(0.037)	0.50	0.44	1.17
	LSSC-02-CS1015	10-15	12/21/1998	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.25	ND(0.040)	0.25
LSSC-04	LSSC-04-CS01	0-1	12/14/1998	ND(6.9)	ND(6.9)	ND(6.9)	ND(6.9)	ND(6.9)	86	60	146
	LSSC-04-CS0103	1-3	12/14/1998	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	ND(7.3)	89	53	142
	LSSC-04-CS0306	3-6	12/14/1998	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	39	23	62
	LSSC-04-CS0610	6-10	12/14/1998	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	5.0	3.0	8.0
	LSSC-04-CS1015	10-15	12/14/1998	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.12	ND(0.044)	0.12
LSSC-06	LSSC-06-CS01	0-1	12/15/1998	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	1.4	ND(0.14)	1.4
	LSSC-06-CS0103	1-3	12/15/1998	ND(14)	ND(14)	ND(14)	ND(14)	ND(14)	99	ND(14)	99
	LSSC-06-CS0306	3-6	12/15/1998	ND(370)	ND(370)	ND(370)	ND(370)	ND(370)	3600	ND(370)	3600
	LSSC-06-CS0610	6-10	12/15/1998	ND(410)	ND(410)	ND(410)	ND(410)	ND(410)	2500	ND(410)	2500
	LSSC-06-CS1015	10-15	12/15/1998	ND(430)	ND(430)	ND(430)	ND(430)	ND(430)	4300	ND(430)	4300
LSSC-07	LSSC-07-CS01	0-1	12/18/1998	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)	0.43	0.63	1.06
	LSSC-07-CS0103	1-3	12/18/1998	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	4.2	4.2
	LSSC-07-CS0306	3-6	12/18/1998	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	8.7	8.7
	LSSC-07-CS0610	6-10	12/18/1998	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	7.7	7.7
	LSSC-07-CS1015	10-15	12/18/1998	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.40	0.55	0.95
LSSC-08	LSSC-08-CS0.5	0-0.5	12/16/1998	NR	NR	NR	NR	NR	8.6	2.5	11.1
	LSSC-08-CS01	0-1	12/16/1998	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	6.3	4.8	11.1
	LSSC-08-CS03	1-3	12/16/1998	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	3.5	3.7	7.2
	LSSC-08-CS0306	3-6	12/16/1998	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.6	1.3	2.9
	LSSC-08-CS0610	6-10	12/16/1998	ND(0.081)	ND(0.081)	ND(0.081)	ND(0.081)	ND(0.081)	1.1	0.84	1.94
	LSSC-08-CS1015	10-15	12/16/1998	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.38	ND(0.045)	0.38

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LSSC-09	LSSC-09-CS01	0-1	12/16/1998	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	14	ND(1.8)	14
	LSSC-09-CS0103	1-3	12/16/1998	ND(390)	ND(390)	ND(390)	ND(390)	ND(390)	5900	ND(390)	5900
	LSSC-09-CS0306	3-6	12/16/1998	ND(3900)	ND(3900)	ND(3900)	ND(3900)	ND(3900)	49000	ND(3900)	49000
	LSSC-09-CS0610	6-10	12/16/1998	ND(1600)	ND(1600)	ND(1600)	ND(1600)	ND(1600)	22000	ND(1600)	22000
	LSSC-09-CS1015	10-15	12/16/1998	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	1800	ND(200)	1800
LSSC-10	LSSC-10-CS01	0-1	12/23/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	LSSC-10-CS0103	1-3	12/23/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.072	0.072
	LSSC-10-CS0306	3-6	12/23/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.038	0.038
	LSSC-10-CS0610	6-10	12/23/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	LSSC-10-CS1015	10-15	12/23/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
LSSC-11	LSSC-11-CS01	0-1	12/29/1998	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	1.0	ND(0.37)	1.0
	LSSC-11-CS0103	1-3	12/29/1998	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	7.2	ND(1.8)	7.2
	LSSC-11-CS0306	3-6	12/29/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.50	ND(0.036)	0.50
	LSSC-11-CS0610	6-10	12/29/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.33	ND(0.039)	0.33
	LSSC-11-CS1015	10-15	12/29/1998	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.29	ND(0.043)	0.29
LSSC-16	LSSC-16-CS01	0-1	3/3/1999	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.43	0.57	1.0
	LSSC-16-CS0103	1-3	3/3/1999	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.30	0.36	0.66
	LSSC-16-CS0306	3-6	3/3/1999	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	LSSC-16-CS0610	6-10	3/3/1999	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	LSSC-16-CS1015	10-15	3/3/1999	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
LSSC-17	LSSC-17-CS01	0-1	3/5/1999	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.44	0.48	0.92
	LSSC-17-CS0103	1-3	3/5/1999	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	43	ND(3.9)	43
	LSSC-17-CS0306	3-6	3/5/1999	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	8.6	ND(1.9)	8.6
	LSSC-17-CS0610	6-10	3/5/1999	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	2.3	ND(0.23)	2.3
	LSSC-17-CS1015	10-15	3/5/1999	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.49	ND(0.046)	0.49
LSSC-18	LSSC-18-CS01	0-1	3/29/1999	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.24	ND(0.033)	0.24
	LSSC-18-CS0103	1-3	3/29/1999	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	7.3	ND(1.9)	7.3
	LSSC-18-CS0306	3-6	3/29/1999	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.53	ND(0.035)	0.53
	LSSC-18-CS0610	6-10	3/29/1999	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.14	ND(0.044)	0.14
	LSSC-18-CS1015	10-15	3/29/1999	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.20	ND(0.050)	0.20
LSSC-19	LSSC-19-CS01	0-1	3/30/1999	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.43	ND(0.034)	0.43
	LSSC-19-CS0103	1-3	3/30/1999	ND(890)	ND(890)	ND(890)	ND(890)	ND(890)	16000	ND(890)	16000
	LSSC-19-CS0306	3-6	3/30/1999	ND(180)	ND(180)	ND(180)	ND(180)	ND(180)	1600	ND(180)	1600
	LSSC-19-CS0610	6-10	3/30/1999	ND(35)	ND(35)	ND(35)	ND(35)	ND(35)	270	ND(35)	270
	LSSC-19-CS1015	10-15	3/30/1999	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	810	ND(36)	810
LSSC-31	LSSC-31-CS01	0-1	7/28/1999	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.046	ND(0.034)	0.046
	LSSC-31-CS0103	1-3	7/28/1999	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.4	1.5	2.9
	LSSC-31-CS0306	3-6	7/28/1999	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.4	3.9	11.3
	LSSC-31-CS0610	6-10	7/28/1999	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	1.4	1.0	2.4
	LSSC-31-CS1015	10-15	7/28/1999	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA4-P2	RAA4-P2	0-1	6/25/2002	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	2.6	2.3	4.9
RAA4-Q3	RAA4-Q3	0-1	6/28/2002	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	1.1	2.5	3.6
		1-3	6/28/2002	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.50	0.42	0.92
		3-6	6/28/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA4-R4	RAA4-R4	0-1	6/26/2002	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	ND(2.0) [ND(4.0)]	70 [54]	ND(2.0) [ND(4.0)]	70 [54]

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. NR - Not Reported. Total PCB data was entered from summary data tables and not the laboratory report form.
5. Duplicate sample results are presented in brackets.
6. Sample IDs with (IT) and (CC) suffixes distinguish instances where analyses were performed by IT Analytical Services and CompuChem Environmental Corporation, respectively, for the same sample ID.
7. Sample IDs with (P) and (K) suffixes distinguish instances where analyses were performed by Quanterra Environmental Services Pittsburgh and Quanterra Environmental Services Knoxville, respectively, for the same sample ID.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).
D - Compound quantitated using a secondary dilution.

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	B-1 ROB1B0406 4-6 11/21/91	B-2 ROB2B0002 0-2 11/22/91	E-1 ROE1B1012 10-12 03/26/91	E-1 ROE1B1012 10-12 11/03/91	E-2 ROE2B0810 8-10 03/25/91
Volatile Organics					
1,1,2-Trichloroethane	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
1,2-Dichloroethene (total)	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
2-Butanone	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)
2-Chloroethylvinylether	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.013)	NA	ND(0.015)
4-Methyl-2-pentanone	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.019)	NA	ND(0.023)
Acetone	0.023 B [0.024 B]	0.046 B	0.053 B	NA	0.023 B
Acetonitrile	NA	NA	NA	NA	NA
Benzene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
Chlorobenzene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
Chloroform	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Ethylbenzene	ND(0.012) [ND(0.012)]	0.0050 J	ND(0.0060)	NA	ND(0.0080)
Methylene Chloride	0.032 B [0.051 B]	0.10 B	0.061 B	NA	0.056 B
Tetrachloroethene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
Toluene	0.0040 J [0.0020 J]	0.0070 J	ND(0.0060)	NA	ND(0.0080)
Trichloroethene	ND(0.012) [ND(0.012)]	ND(0.015)	ND(0.0060)	NA	ND(0.0080)
Xylenes (total)	ND(0.013) [ND(0.013)]	ND(0.012)	ND(0.0060)	NA	ND(0.0080)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
1,2,4-Trichlorobenzene	ND(0.39) [0.054 J]	ND(0.49)	ND(0.41)	NA	ND(0.50)
1,2-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
1,3-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
1,4-Dichlorobenzene	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
1-Methylnaphthalene	0.050 J [0.80]	0.21 J	ND(0.41)	NA	ND(0.50)
2,3,4,6-Tetrachlorophenol	ND(0.79) [0.059 J]	ND(0.98)	ND(0.82)	NA	ND(0.99)
2,4-Dimethylphenol	ND(0.39) [0.054 J]	ND(0.49)	ND(0.41)	NA	ND(0.50)
2-Methylnaphthalene	ND(0.39) [0.60]	0.11 J	ND(0.41)	NA	ND(0.50)
3&4-Methylphenol	ND(0.39) [0.11 J]	0.050 J	NA	NA	ND(0.50)
3,3'-Dichlorobenzidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
4-Aminobiphenyl	ND(0.39) [0.059]	ND(0.49)	ND(0.41)	NA	ND(0.50)
Acenaphthene	0.050 J [1.6]	0.27 J	ND(0.41)	NA	ND(0.50)
Acenaphthylene	0.16 J [0.59]	0.75	ND(0.41)	NA	ND(0.50)
Aniline	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	0.12 J
Anthracene	0.19 J [10 D]	0.71	ND(0.41)	NA	ND(0.50)
Benzidine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
Benzo(a)anthracene	0.51 [5.9]	1.7	0.082 J	NA	0.14 J
Benzo(a)pyrene	0.66 [4.0]	2.1	0.083 J	NA	0.21 J
Benzo(b)fluoranthene	1.1 Z [13 D]	4.2	0.22 JZ	NA	0.42 JX
Benzo(g,h,i)perylene	0.35 J [2.5]	1.2	ND(0.41)	NA	0.17 J
Benzo(k)fluoranthene	1.1 Z [4.5]	4.2	0.22 JZ	NA	0.42 JX
Benzoic Acid	ND(3.9) [ND(3.9)]	0.085 J	ND(4.1)	NA	ND(5.0)
bis(2-Chloroethyl)ether	ND(0.79) [ND(0.79)]	0.069 J	ND(0.82)	NA	ND(0.99)
bis(2-Ethylhexyl)phthalate	0.055 J [0.15 J]	0.33 J	0.16 J	NA	0.18 J
Butylbenzylphthalate	ND(0.39) [ND(0.39)]	0.30 J	ND(0.41)	NA	ND(0.50)
Chrysene	0.49 [5.8]	1.5	0.11 J	NA	0.20 J
Dibenzo(a,h)anthracene	0.12 J [0.69]	0.23 J	ND(0.41)	NA	ND(0.50)
Dibenzofuran	ND(0.39) [1.8]	0.14 J	ND(0.41)	NA	ND(0.50)
Di-n-Butylphthalate	ND(0.39) [ND(0.39)]	0.085 J	ND(0.41)	NA	ND(0.50)
Di-n-Octylphthalate	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
Fluoranthene	0.76 [16 D]	3.6	0.11 J	NA	0.27 J
Fluorene	0.079 J [2.7]	0.37 J	ND(0.41)	NA	ND(0.50)
Indeno(1,2,3-cd)pyrene	0.33 J [2.4]	0.97	ND(0.41)	NA	0.13 J
Naphthalene	ND(0.39) [1.4]	0.22 J	ND(0.41)	NA	ND(0.50)
N-Nitrosodiphenylamine	ND(0.39) [ND(0.39)]	ND(0.49)	ND(0.41)	NA	ND(0.50)
Pentachlorophenol	0.72 J [2.5]	0.62 J	ND(0.82)	NA	ND(0.99)
Phenanthrene	0.50 [13 D]	2.2	0.058 J	NA	0.15 J
Phenol	ND(0.39) [ND(0.39)]	0.051 J	ND(0.41)	NA	0.061 J
Pyrene	0.77 [13 D]	2.5	ND(0.41)	NA	0.22 J

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	B-1 ROB1B0406 4-6 11/21/91	B-2 ROB2B0002 0-2 11/22/91	E-1 ROE1B1012 10-12 03/26/91	E-1 ROE1B1012 10-12 11/03/91	E-2 ROE2B0810 8-10 03/25/91
Organochlorine Pesticides					
4,4'-DDD	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)
4,4'-DDE	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)
4,4'-DDT	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)
Dieldrin	ND(0.0090) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.0023)
Endosulfan I	ND(0.0090) [ND(0.018)]	ND(0.011)	NA	NA	ND(0.0023)
Endosulfan II	ND(0.021) [ND(0.042)]	ND(0.026)	NA	NA	ND(0.0053)
Endrin	ND(0.015) [ND(0.030)]	ND(0.019)	NA	NA	ND(0.0038)
Endrin Aldehyde	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)
Gamma-BHC (Lindane)	0.10 [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)
Heptachlor Epoxide	ND(0.0060) [ND(0.012)]	ND(0.0074)	NA	NA	ND(0.0015)
Organophosphate Pesticides					
Dimethoate	ND(0.010)	NA	ND(0.010)	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.000084) [ND(0.00026)]	0.000069	NA	ND(0.000013)	NA
TCDFs (total)	ND(0.00036) [ND(0.0015)]	0.00034	NA	ND(0.000047)	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	ND(0.00094) [0.00081]	0.00040	NA	ND(0.000019)	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	0.0028 [0.0057]	0.00032	NA	ND(0.000032)	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	0.0017 [0.0034]	0.00018	NA	ND(0.000052)	NA
OCDF	0.0019 [0.0044]	0.00016	NA	ND(0.000086)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.000079) [ND(0.00017)]	ND(0.000010)	NA	ND(0.000015)	NA
TCDDs (total)	ND(0.000079) [ND(0.00017)]	ND(0.000010)	NA	ND(0.000015)	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.00017) [ND(0.00013)]	ND(0.000010)	NA	ND(0.000028)	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.00023) [ND(0.00010)]	ND(0.000015)	NA	ND(0.000053)	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	ND(0.00014) [ND(0.00013)]	0.00011	NA	ND(0.000048)	NA
OCDD	ND(0.00034) [ND(0.00047)]	0.00045	NA	ND(0.00019)	NA
Total TEQs (WHO TEFs)	NC [NC]	NC	NA	NC	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	B-1 ROB1B0406 4-6 11/21/91	B-2 ROB2B0002 0-2 11/22/91	E-1 ROE1B1012 10-12 03/26/91	E-1 ROE1B1012 10-12 11/03/91	E-2 ROE2B0810 8-10 03/25/91
Inorganics					
Aluminum	NA	NA	11700	NA	8770
Antimony	NA	NA	ND(5.60)	NA	ND(6.70)
Arsenic	NA	NA	5.60 N	NA	2.60 BN
Barium	NA	NA	45.8 B	NA	38.9 B
Beryllium	NA	NA	0.360 B	NA	ND(0.300)
Cadmium	NA	NA	ND(1.00)	NA	ND(1.20)
Calcium	NA	NA	16400	NA	7260
Chromium	NA	NA	19.6	NA	23.1
Cobalt	NA	NA	4.80 B	NA	8.50 B
Copper	NA	NA	74.7 N	NA	354 N
Cyanide	ND(0.600) [ND(0.600)]	ND(0.750)	0.670	NA	ND(0.760)
Iron	NA	NA	31600	NA	62400
Lead	NA	NA	153	NA	114
Magnesium	NA	NA	6210	NA	5630
Manganese	NA	NA	743	NA	612
Mercury	NA	NA	ND(0.130)	NA	0.140
Nickel	NA	NA	11.0	NA	63.1
Potassium	NA	NA	1310	NA	831 B
Selenium	NA	NA	ND(0.760)	NA	ND(0.910)
Silver	NA	NA	ND(1.30)	NA	ND(1.50)
Sodium	NA	NA	276 B	NA	186 B
Sulfide	NA	NA	ND(12.6)	NA	ND(15.2)
Thallium	NA	NA	ND(0.760)	NA	ND(0.910)
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	27.5	NA	45.1
Zinc	NA	NA	119	NA	193

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1012 10-12 03/25/91	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95
Volatile Organics						
1,1,2-Trichloroethane	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2-Dichloroethene (total)	NA	ND(0.0060)	NA	NA	NA	NA
2-Butanone	NA	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)
2-Chloroethylvinylether	NA	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)
4-Methyl-2-pentanone	NA	ND(0.017)	ND(0.011)	ND(0.012)	ND(0.010)	ND(0.012)
Acetone	NA	0.019 B	0.011 J	0.015	0.015	0.018 B
Acetonitrile	NA	NA	ND(0.23)	ND(0.24)	ND(0.20)	ND(0.24)
Benzene	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chlorobenzene	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chloroform	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
cis-1,2-Dichloroethene	NA	NA	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Ethylbenzene	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Methylene Chloride	NA	0.025 B	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Tetrachloroethene	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Toluene	NA	ND(0.0060)	0.0030 J	ND(0.0060)	0.0020 J	ND(0.0060)
Trichloroethene	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Xylenes (total)	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
1,2-Dichlorobenzene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
1,3-Dichlorobenzene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
1,4-Dichlorobenzene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
1-Methylnaphthalene	ND(0.50)	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.99)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
2,4-Dimethylphenol	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
2-Methylnaphthalene	ND(0.50)	NA	0.31 J	0.16 J	ND(0.36)	ND(0.38)
3&4-Methylphenol	NA	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
3,3'-Dichlorobenzidine	ND(0.50)	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)
4-Aminobiphenyl	ND(0.50)	NA	ND(0.74)	ND(0.77)	ND(0.72)	ND(0.77)
Acenaphthene	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Acenaphthylene	ND(0.50)	NA	1.2	1.2	ND(0.36)	ND(0.38)
Aniline	0.12 J	NA	4.5	2.4	ND(0.36)	ND(0.38)
Anthracene	ND(0.50)	NA	0.50	0.52	0.079 J	0.062 J
Benzidine	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(a)anthracene	0.14 J	NA	2.1	3.4	0.18 J	0.26 J
Benzo(a)pyrene	0.21 J	NA	3.2	2.5	0.20 J	0.24 J
Benzo(b)fluoranthene	0.42 JZ	NA	2.8	3.5	0.33 J	0.24 J
Benzo(g,h,i)perylene	0.17 J	NA	0.97	0.83	ND(0.36)	0.18 J
Benzo(k)fluoranthene	0.42 JZ	NA	2.1	2.4	0.20 J	0.27 J
Benzoic Acid	ND(5.0)	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.99)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
bis(2-Ethylhexyl)phthalate	0.18 J	NA	0.12 J	ND(0.38)	ND(0.36)	ND(0.38)
Butylbenzylphthalate	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Chrysene	0.20 J	NA	2.6	4.3	0.26 J	0.37 J
Dibenzo(a,h)anthracene	ND(0.50)	NA	0.49	0.50	ND(0.36)	ND(0.38)
Dibenzofuran	ND(0.50)	NA	ND(0.37)	0.19 J	ND(0.36)	ND(0.38)
Di-n-Butylphthalate	ND(0.50)	NA	0.54 B	0.48 B	0.22 BJ	0.12 BJ
Di-n-Octylphthalate	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Fluoranthene	0.27 J	NA	2.8	3.5	0.37	0.53
Fluorene	ND(0.50)	NA	0.13 J	0.47	ND(0.36)	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.13 J	NA	0.78	0.89	ND(0.36)	0.15 J
Naphthalene	ND(0.50)	NA	0.085 J	0.068 J	ND(0.36)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.50)	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Pentachlorophenol	ND(0.99)	NA	ND(0.90)	ND(0.93)	ND(0.87)	ND(0.93)
Phenanthrene	0.15 J	NA	1.2	0.93	0.32 J	0.31 J
Phenol	0.061 J	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Pyrene	0.22 J	NA	3.0	4.6	0.30 J	0.62

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1012 10-12 03/25/91	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95
Organochlorine Pesticides						
4,4'-DDD	NA	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)
4,4'-DDE	NA	NA	ND(0.096)	0.014 J	ND(0.0018)	0.020 J
4,4'-DDT	NA	NA	0.62	0.082	ND(0.0018)	0.030
Aldrin	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)
Dieldrin	NA	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)
Endosulfan I	NA	NA	0.065 J	ND(0.020)	ND(0.0018)	ND(0.020)
Endosulfan II	NA	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)
Endrin	NA	NA	ND(0.096)	ND(0.020)	ND(0.0018)	ND(0.020)
Endrin Aldehyde	NA	NA	ND(0.096)	0.019 J	ND(0.0018)	0.016 J
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	0.15	ND(0.020)	ND(0.0018)	ND(0.020)
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	ND(0.37)	ND(0.38)	ND(0.36)	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	NA	0.00015 Y	0.000074 Y	0.0000029 YJ	0.000050 Y
TCDFs (total)	NA	NA	0.0012	0.00073	0.000074	0.00044
1,2,3,7,8-PeCDF	NA	NA	ND(0.000065) Y	ND(0.000036) Y	ND(0.0000028)	0.000017
2,3,4,7,8-PeCDF	NA	NA	0.000076	0.000036	ND(0.0000054)	0.000015
PeCDFs (total)	NA	NA	0.0017	0.00065	0.000031	0.00021
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.00015) Y	ND(0.000065) Y	0.000014	0.000023
1,2,3,6,7,8-HxCDF	NA	NA	0.000091	0.000036	ND(0.0000045)	0.000011 J
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.000036) Y	0.0000059 J	ND(0.0000012)	ND(0.0000013)
2,3,4,6,7,8-HxCDF	NA	NA	0.00018	0.000056	0.0000083 J	0.000012 J
HxCDFs (total)	NA	NA	0.0013	0.00041	0.000035	0.00012
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00024	0.00012	0.000022	0.000035
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000051	0.000014	ND(0.0000012)	ND(0.0000055)
HpCDFs (total)	NA	NA	0.00063	0.00024	0.000022	0.000060
OCDF	NA	NA	0.00025	0.00012	ND(0.0000064)	0.000040
Dioxins						
2,3,7,8-TCDD	NA	NA	0.000060	0.0000093	ND(0.00000035)	ND(0.00000077)
TCDDs (total)	NA	NA	0.00024	0.0018	0.0000032	0.000012
1,2,3,7,8-PeCDD	NA	NA	0.0000077 J	0.000027	ND(0.00000092)	ND(0.0000010)
PeCDDs (total)	NA	NA	0.000079	0.0011	ND(0.0000028)	ND(0.0000045)
1,2,3,4,7,8-HxCDD	NA	NA	0.0000065 J	0.000032	ND(0.0000012)	ND(0.00000079)
1,2,3,6,7,8-HxCDD	NA	NA	0.000018	0.000095	ND(0.0000016)	ND(0.0000022)
1,2,3,7,8,9-HxCDD	NA	NA	0.000017	0.000088	ND(0.0000047)	ND(0.0000025)
HxCDDs (total)	NA	NA	0.00030	0.0018	0.000016	0.0000076
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00012	0.00035	0.000022	0.000021
HpCDDs (total)	NA	NA	0.00021	0.00092	0.000055	0.000042
OCDD	NA	NA	0.00080	0.00085	0.00086	0.00016
Total TEQs (WHO TEFs)	NA	NA	0.00017	0.00010	0.0000058	0.000020

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-2 ROE2B1012 10-12 03/25/91	E-2 ROE2B1416 14-16 03/25/91	E-3 OE3B0002 0-2 08/09/95	E-4 OE4B0002 0-2 08/09/95	E-5 OE5B0608 6-8 08/10/95	E-6 OE6B0002 0-2 08/16/95
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	ND(1.70) N	ND(1.70) N	ND(1.60) N	ND(1.70) N
Arsenic	NA	NA	6.00	10.6	8.10	5.00
Barium	NA	NA	39.5	60.5	57.6	61.0
Beryllium	NA	NA	0.250 B	0.370 B	0.460 B	0.190 B
Cadmium	NA	NA	0.380 B	ND(0.200)	0.940	0.230 B
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	21.1	22.5	13.2	8.30
Cobalt	NA	NA	6.40	9.80	5.10 B	7.40
Copper	NA	NA	163	189	237	46.3
Cyanide	NA	NA	ND(2.80)	ND(2.90)	ND(2.70)	ND(2.90)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	NA	102 EN*	87.1 EN*	133 EN*	150 EN*
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	0.870 N	0.650 N	ND(0.110) N	ND(0.120) N
Nickel	NA	NA	15.2	29.3	21.7	13.0
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	1.30	2.40	1.40	1.00
Silver	NA	NA	ND(0.300)	ND(0.310)	ND(0.290)	ND(0.310)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	ND(225)	ND(231)	ND(217)	329
Thallium	NA	NA	ND(0.460)	ND(0.470)	ND(0.450)	ND(0.480)
Tin	NA	NA	3.90	ND(1.30)	8.60	ND(1.30)
Vanadium	NA	NA	13.7	22.2	19.7	11.6
Zinc	NA	NA	191 E	127 E	256 E	144 E

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	E-7	LS-4	LS-7	LS-9	LS-10	LS-11	LS-11
Sample ID:	OE-7B0406	LS-4	LS-7	LS-9	LS-10	LS-11	LS-11
Sample Depth(Feet):	4-6	6-12	14-16	14-16	10-12	8-10	10-12
Parameter Date Collected:	08/07/95	08/26/89	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90
Volatile Organics							
1,1,2-Trichloroethane	ND(0.0060)	NR	NR	NR	NR	NR	NR
1,2-Dichloroethene (total)	NA	NR	NR	NR	NR	NR	NR
2-Butanone	ND(0.011)	NR	ND(0.013)	ND(1.8)	ND(0.011)	NR	ND(1.9)
2-Chloroethylvinylether	ND(0.011)	ND(0.010)	ND(0.013)	1.5	ND(0.011)	ND(1.3)	ND(1.9)
4-Methyl-2-pentanone	ND(0.011)	NR	0.032	ND(18)	ND(0.011)	NR	ND(1.9)
Acetone	0.012	NR	0.010 J	0.79 J	0.010 JB	NR	ND(1.9)
Acetonitrile	ND(0.22)	NR	0.44 J	ND(18)	ND(0.11)	NR	ND(19)
Benzene	ND(0.0060)	0.0040 J	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)
Chlorobenzene	ND(0.0060)	12 D	ND(0.0070)	1.0	ND(0.0050)	23	37 D
Chloroform	ND(0.0060)	ND(0.0050)	0.0010 J	0.26 J	0.0010 JB	ND(0.63)	ND(0.95)
cis-1,2-Dichloroethene	ND(0.0060)	NR	NR	NR	NR	NR	NR
Ethylbenzene	ND(0.0060)	ND(0.0050)	ND(0.0070)	2.4	ND(0.0050)	ND(0.63)	ND(0.95)
Methylene Chloride	ND(0.0060)	0.014	0.0010 J	0.42 BJ	0.0040 JB	ND(0.63)	0.25 J
Tetrachloroethene	ND(0.0060)	0.0020 J	ND(0.0070)	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)
Toluene	ND(0.0060)	0.033	0.0050 J	ND(0.74)	ND(0.0050)	ND(0.63)	ND(0.95)
Trichloroethene	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.74)	ND(0.0050)	2.2	0.78 J
Xylenes (total)	ND(0.0060)	NR	ND(0.0070)	2.2	ND(0.050)	NR	0.91 J
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NR	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.7 J
1,2,4-Trichlorobenzene	ND(0.39)	ND(3.9)	ND(2.2)	ND(2.3)	ND(1.1)	NA	89 E
1,2-Dichlorobenzene	ND(0.39)	ND(3.9)	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.4 J
1,3-Dichlorobenzene	ND(0.39)	0.76 J	ND(2.2)	0.29 J	ND(1.1)	NA	ND(4.9)
1,4-Dichlorobenzene	ND(0.39)	4.0	ND(2.2)	ND(2.3)	ND(1.1)	NA	1.3 J
1-Methylnaphthalene	NA	NR	NR	NR	NR	NA	NR
2,3,4,6-Tetrachlorophenol	ND(0.39)	NR	NR	NR	NR	NA	NR
2,4-Dimethylphenol	ND(0.39)	NR	NR	NR	NR	NA	NR
2-Methylnaphthalene	ND(0.39)	NR	ND(2.2)	32	ND(1.1)	NA	1.0 J
3&4-Methylphenol	ND(0.39)	NR	NR	NR	NR	NA	NR
3,3'-Dichlorobenzidine	ND(0.78)	ND(7.8)	ND(4.4)	ND(4.6)	ND(2.2)	NA	ND(9.9)
4-Aminobiphenyl	ND(0.78)	NR	NR	NR	NR	NA	NR
Acenaphthene	ND(0.39)	1.1 J	ND(2.2)	47 D	ND(1.1)	NA	ND(4.9)
Acenaphthylene	ND(0.39)	4.6	0.35 J	5.7	ND(1.1)	NA	ND(4.9)
Aniline	ND(0.39)	NR	ND(11)	ND(12)	ND(5.6)	NA	ND(25)
Anthracene	ND(0.39)	5.3	0.25 J	33	ND(1.1)	NA	ND(4.9)
Benzidine	ND(0.39)	ND(19)	ND(11)	ND(11)	ND(5.2)	NA	ND(24)
Benzo(a)anthracene	ND(0.39)	10	0.52 J	17	ND(1.1)	NA	ND(4.9)
Benzo(a)pyrene	ND(0.39)	4.0	0.42 J	13	ND(1.1)	NA	ND(4.9)
Benzo(b)fluoranthene	ND(0.39)	5.8	0.44 J	5.5	ND(1.1)	NA	1.0 J
Benzo(g,h,i)perylene	ND(0.39)	2.9 J	ND(2.2)	4.7	ND(1.1)	NA	ND(4.9)
Benzo(k)fluoranthene	ND(0.39)	4.3	0.53 J	10	ND(1.1)	NA	0.62 J
Benzoic Acid	NA	NR	NR	NR	NR	NA	NR
bis(2-Chloroethyl)ether	ND(0.39)	NR	NR	NR	NR	NA	NR
bis(2-Ethylhexyl)phthalate	ND(0.39)	0.65 J	0.76 J	1.0 J	0.42 J	NA	ND(4.9)
Butylbenzylphthalate	ND(0.39)	NR	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)
Chrysene	ND(0.39)	6.8	0.60 J	15	ND(1.1)	NA	ND(4.9)
Dibenzo(a,h)anthracene	ND(0.39)	ND(3.9)	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)
Dibenzofuran	ND(0.39)	NR	ND(2.2)	1.9 J	ND(1.1)	NA	ND(4.9)
Di-n-Butylphthalate	0.12 BJ	ND(3.9)	ND(2.2)	ND(2.3)	0.13 J	NA	ND(4.9)
Di-n-Octylphthalate	0.18 J	ND(3.9)	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)
Fluoranthene	ND(0.39)	18	0.93 J	31	ND(1.1)	NA	ND(4.9)
Fluorene	ND(0.39)	3.1 J	ND(2.2)	24	ND(1.1)	NA	ND(4.9)
Indeno(1,2,3-cd)pyrene	ND(0.39)	2.3 J	0.26 J	3.9	ND(1.1)	NA	ND(4.9)
Naphthalene	ND(0.39)	0.66 J	ND(2.2)	91 D	ND(1.1)	NA	0.93 J
N-Nitrosodiphenylamine	ND(0.39)	ND(3.9)	ND(2.2)	1.9 J	ND(1.1)	NA	ND(4.9)
Pentachlorophenol	ND(0.94)	NR	NR	NR	NR	NA	NR
Phenanthrene	ND(0.39)	24	0.94 J	110 D	ND(1.1)	NA	ND(4.9)
Phenol	ND(0.39)	NR	ND(2.2)	ND(2.3)	ND(1.1)	NA	ND(4.9)
Pyrene	ND(0.39)	15	1.4 J	80 D	ND(1.1)	NA	ND(4.9)

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	E-7	LS-4	LS-7	LS-9	LS-10	LS-11	LS-11
Sample ID:	OE-7B0406	LS-4	LS-7	LS-9	LS-10	LS-11	LS-11
Sample Depth(Feet):	4-6	6-12	14-16	14-16	10-12	8-10	10-12
Parameter Date Collected:	08/07/95	08/26/89	09/14/90	09/17/90	09/19/90	09/18/90	09/18/90
Organochlorine Pesticides							
4,4'-DDD	ND(0.0020)	NA	NA	NA	NA	NA	NA
4,4'-DDE	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
4,4'-DDT	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
Aldrin	NA	NA	0.017 D	ND(0.011)	ND(0.0088)	NA	170 DJ
Beta-BHC	ND(0.0020)	NA	ND(0.011)	0.021	ND(0.0088)	NA	ND(24)
Dieldrin	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
Endosulfan I	ND(0.0020)	NA	ND(0.011)	0.059 D	ND(0.0088)	NA	ND(24)
Endosulfan II	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
Endrin	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
Endrin Aldehyde	ND(0.0020)	NA	ND(0.021)	ND(0.022)	ND(0.018)	NA	ND(48)
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	ND(0.0020)	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Herbicides							
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
Dinoseb	ND(0.39)	NA	ND(4.4)	ND(4.7)	ND(2.2)	NA	ND(9.9)
Furans							
2,3,7,8-TCDF	0.0000038 YJ	NA	NA	NA	NA	NA	NA
TCDFs (total)	0.000036	NA	ND(0.000034)	ND(0.00040)	ND(0.00039)	NA	0.0087
1,2,3,7,8-PeCDF	ND(0.0000017)	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000016)	NA	NA	NA	NA	NA	NA
PeCDFs (total)	0.0000084	NA	ND(0.000050)	ND(0.00028)	ND(0.00024)	NA	0.0062
1,2,3,4,7,8-HxCDF	ND(0.0000021)	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000090)	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000017)	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000016)	NA	NA	NA	NA	NA	NA
HxCDFs (total)	0.0000069	NA	ND(0.00011)	ND(0.00040)	ND(0.00015)	NA	0.0064
1,2,3,4,6,7,8-HpCDF	0.0000059 J	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000051)	NA	NA	NA	NA	NA	NA
HpCDFs (total)	0.000012	NA	NA	NA	NA	NA	NA
OCDF	0.000012 J	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000032)	NA	ND(0.000038)	ND(0.0026)	ND(0.0024)	NA	ND(0.0021)
TCDDs (total)	ND(0.00000094)	NA	ND(0.000061)	ND(0.000061)	ND(0.00034)	NA	ND(0.0012)
1,2,3,7,8-PeCDD	ND(0.00000022)	NA	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.0000011)	NA	ND(0.00012)	ND(0.00090)	ND(0.00077)	NA	ND(0.0016)
1,2,3,4,7,8-HxCDD	ND(0.00000030)	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000053)	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000079)	NA	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.0000018)	NA	ND(0.00014)	ND(0.0044)	ND(0.0011)	NA	ND(0.0025)
1,2,3,4,6,7,8-HpCDD	0.0000071 J	NA	NA	NA	NA	NA	NA
HpCDDs (total)	0.000013	NA	NA	NA	NA	NA	NA
OCDD	0.000040	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000015	NA	NC	NC	NC	NA	NC

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	E-7 OE-7B0406 4-6 08/07/95	LS-4 LS-4 6-12 08/26/89	LS-7 LS-7 14-16 09/14/90	LS-9 LS-9 14-16 09/17/90	LS-10 LS-10 10-12 09/19/90	LS-11 LS-11 8-10 09/18/90	LS-11 LS-11 10-12 09/18/90
Inorganics							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	ND(1.70) N	NA	ND(3.00)	ND(3.00)	ND(3.00)	NA	ND(3.00)
Arsenic	3.50	NA	ND(3.00)	ND(3.00)	ND(3.00)	NA	ND(3.00)
Barium	29.4	NA	42.4	8.80	6.00	NA	232
Beryllium	0.200 B	NA	0.100	0.100	ND(0.100)	NA	0.200
Cadmium	0.210 B	NA	ND(0.500)	ND(0.500)	ND(0.500)	NA	1.70
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	7.60	NA	8.00	12.0	2.00	NA	56.0
Cobalt	7.40	NA	6.00	3.00	5.00	NA	9.00
Copper	20.4	NA	20.0	17.0	19.0	NA	1050
Cyanide	ND(2.90)	NA	ND(0.500)	ND(1.00)	ND(1.00)	NA	ND(0.500)
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	70.1 EN*	NA	16.0	14.0	9.00	NA	803
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	ND(0.120) N	NA	ND(0.100)	0.100	ND(0.100)	NA	0.300
Nickel	12.6	NA	8.00	2.00	7.00	NA	62.0
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	0.950	NA	ND(6.00)	ND(6.00)	ND(7.00)	NA	ND(6.00)
Silver	ND(0.320)	NA	ND(0.500)	ND(0.500)	ND(0.500)	NA	1.80
Sodium	NA	NA	NA	NA	NA	NA	NA
Sulfide	ND(235)	NA	130	140	ND(20.0)	NA	130
Thallium	ND(0.480)	NA	22.0	ND(0.300)	ND(0.300)	NA	ND(0.300)
Tin	ND(1.40)	NA	ND(2.00)	5.00	3.00	NA	50.0
Vanadium	8.00	NA	7.00	2.00	1.00	NA	9.00
Zinc	64.8	NA	47.8	34.5	23.5	NA	768

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	LS-11	LS-11	LS-26	LS-27	LS-28	LS-29
Sample ID:	LS-11	LS-11	L26B1012	L27B0204	L28B1012	L29B1012
Sample Depth(Feet):	12-14	14-16	10-12	2-4	10-12	10-12
Parameter Date Collected:	09/18/90	09/18/90	08/10/95	08/11/95	08/14/95	08/08/95
Volatile Organics						
1,1,2-Trichloroethane	NR	NR	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
1,2-Dichloroethene (total)	NR	NR	NA	NA	NA	NA
2-Butanone	NR	NR	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
2-Chloroethylvinylether	ND(1.3)	ND(1.3)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
4-Methyl-2-pentanone	NR	NR	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	NR	NR	0.023	0.011 J	0.015 B	0.031
Acetonitrile	NR	NR	ND(0.24)	ND(0.23)	ND(0.21)	ND(0.22)
Benzene	ND(0.63)	ND(0.63)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chlorobenzene	13	11	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Chloroform	ND(0.63)	ND(0.63)	ND(0.0060)	0.0050 J	ND(0.0050)	ND(0.0060)
cis-1,2-Dichloroethene	NR	NR	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Ethylbenzene	0.23 J	0.14 J	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Methylene Chloride	0.23 J	0.30 J	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Tetrachloroethene	ND(0.63)	ND(0.63)	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Toluene	ND(0.63)	ND(0.63)	ND(0.0060)	0.0010 J	ND(0.0050)	0.0020 J
Trichloroethene	0.61 J	3.5	ND(0.0060)	0.18	ND(0.0050)	ND(0.0060)
Xylenes (total)	NR	NR	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
1,2,4-Trichlorobenzene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
1,2-Dichlorobenzene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
1,3-Dichlorobenzene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
1,4-Dichlorobenzene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
2,4-Dimethylphenol	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
2-Methylnaphthalene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
3&4-Methylphenol	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
3,3'-Dichlorobenzidine	NA	NA	ND(0.82)	ND(4.4)	ND(0.75)	ND(0.73)
4-Aminobiphenyl	NA	NA	ND(0.82)	ND(4.4)	ND(0.75)	ND(0.73)
Acenaphthene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Acenaphthylene	NA	NA	ND(0.41)	ND(2.2)	0.065 J	ND(0.36)
Aniline	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Anthracene	NA	NA	0.16 J	3.0	0.073 J	0.15 J
Benzidine	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Benzo(a)anthracene	NA	NA	0.12 J	8.8	0.14 J	0.76
Benzo(a)pyrene	NA	NA	ND(0.41)	5.5	ND(0.37)	0.74
Benzo(b)fluoranthene	NA	NA	0.082 J	5.7	0.13 J	0.87
Benzo(g,h,i)perylene	NA	NA	ND(0.41)	4.0	ND(0.37)	0.32 J
Benzo(k)fluoranthene	NA	NA	0.086 J	4.2	0.12 J	0.60
Benzoic Acid	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Butylbenzylphthalate	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Chrysene	NA	NA	0.16 J	9.8	0.17 J	1.0
Dibenzo(a,h)anthracene	NA	NA	ND(0.41)	1.6 J	ND(0.37)	0.16 J
Dibenzofuran	NA	NA	ND(0.41)	0.64 J	ND(0.37)	ND(0.36)
Di-n-Butylphthalate	NA	NA	0.18 BJ	ND(2.2)	0.11 BJ	0.22 BJ
Di-n-Octylphthalate	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Fluoranthene	NA	NA	0.19 J	21	0.20 J	1.4
Fluorene	NA	NA	ND(0.41)	1.8 J	ND(0.37)	ND(0.36)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.41)	3.4	ND(0.37)	0.32 J
Naphthalene	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
N-Nitrosodiphenylamine	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Pentachlorophenol	NA	NA	ND(1.0)	ND(5.3)	ND(0.91)	ND(0.88)
Phenanthrene	NA	NA	0.15 J	27	0.17 J	0.56
Phenol	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Pyrene	NA	NA	0.20 J	23	0.25 J	1.3

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	LS-11	LS-11	LS-26	LS-27	LS-28	LS-29
Sample ID:	LS-11	LS-11	L26B1012	L27B0204	L28B1012	L29B1012
Sample Depth(Feet):	12-14	14-16	10-12	2-4	10-12	10-12
Parameter Date Collected:	09/18/90	09/18/90	08/10/95	08/11/95	08/14/95	08/08/95
Organochlorine Pesticides						
4,4'-DDD	NA	NA	ND(0.0021)	ND(0.019)	0.00094	ND(0.0019)
4,4'-DDE	NA	NA	ND(0.0021)	ND(0.019)	0.0041	0.0012 J
4,4'-DDT	NA	NA	ND(0.0021)	0.060	0.0030	ND(0.0019)
Aldrin	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	ND(0.0021)	ND(0.019)	ND(0.0017)	0.0010 J
Dieldrin	NA	NA	ND(0.0021)	0.056	ND(0.0017)	ND(0.0019)
Endosulfan I	NA	NA	ND(0.0021)	0.024	ND(0.0017)	ND(0.0019)
Endosulfan II	NA	NA	ND(0.0021)	0.029	ND(0.0017)	ND(0.0019)
Endrin	NA	NA	ND(0.0021)	ND(0.019)	ND(0.0017)	ND(0.0019)
Endrin Aldehyde	NA	NA	ND(0.0021)	ND(0.019)	0.012	ND(0.0019)
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	ND(0.0019)
Heptachlor Epoxide	NA	NA	ND(0.0021)	0.015 J	ND(0.0017)	ND(0.0019)
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	ND(0.41)	ND(2.2)	ND(0.37)	ND(0.36)
Furans						
2,3,7,8-TCDF	NA	NA	ND(0.00000086) Y	0.000017 J	0.0000014 YJ	0.0000078 Y
TCDFs (total)	NA	NA	0.000019	0.00015	0.0000056	0.000018
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000016)	ND(0.000013) Y	ND(0.00000042)	ND(0.00000099)
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000019)	0.0000063 J	ND(0.00000054)	ND(0.00000091)
PeCDFs (total)	NA	NA	0.000013	0.00013	ND(0.0000056)	ND(0.0000022)
1,2,3,4,7,8-HxCDF	NA	NA	0.0000076 J	0.000012	ND(0.00000083)	ND(0.00000060)
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000034)	0.0000076 J	ND(0.00000068)	ND(0.00000035)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.0000018)	ND(0.0000049)	ND(0.00000015)	ND(0.00000017)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000042)	0.000017	ND(0.00000082)	ND(0.00000035)
HxCDFs (total)	NA	NA	0.000018	0.00014	ND(0.0000047)	ND(0.0000012)
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000026	0.000029	ND(0.0000011)	ND(0.00000062)
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000032)	ND(0.0000054)	ND(0.00000033)	ND(0.00000018)
HpCDFs (total)	NA	NA	0.000033	0.000077	ND(0.0000022)	ND(0.00000062)
OCDF	NA	NA	0.000030	0.000029	ND(0.00000092)	ND(0.00000057)
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.00000051)	ND(0.00000049)	ND(0.00000034)	ND(0.00000043)
TCDDs (total)	NA	NA	0.0000016	0.0000051	ND(0.00000044)	ND(0.00000046)
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000064)	ND(0.0000014)	ND(0.00000013)	ND(0.00000018)
PeCDDs (total)	NA	NA	ND(0.0000017)	ND(0.0000023)	ND(0.00000013)	ND(0.00000025)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000086)	ND(0.0000015)	ND(0.00000018)	ND(0.000000092)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000015)	ND(0.0000052)	ND(0.00000020)	ND(0.00000021)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000034)	ND(0.0000037)	ND(0.00000020)	ND(0.00000035)
HxCDDs (total)	NA	NA	ND(0.0000050)	0.000038	ND(0.00000020)	ND(0.00000077)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000018	0.00016	ND(0.00000042)	ND(0.0000016)
HpCDDs (total)	NA	NA	0.000039	0.00030	ND(0.00000042)	ND(0.0000022)
OCDD	NA	NA	0.00059	0.0012	ND(0.0000030)	0.000068
Total TEQs (WHO TEFs)	NA	NA	0.0000032	0.000013	0.00000068	0.0000015

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	LS-11	LS-11	LS-26	LS-27	LS-28	LS-29
Sample ID:	LS-11	LS-11	L26B1012	L27B0204	L28B1012	L29B1012
Sample Depth(Feet):	12-14	14-16	10-12	2-4	10-12	10-12
Parameter Date Collected:	09/18/90	09/18/90	08/10/95	08/11/95	08/14/95	08/08/95
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	ND(1.90) N	3.30 BN	ND(1.70) N	ND(1.60) N
Arsenic	NA	NA	5.80	9.80	5.90	3.50
Barium	NA	NA	30.9	42.7	15.5 B	200
Beryllium	NA	NA	0.230 B	0.350 B	0.110 B	1.00
Cadmium	NA	NA	0.800	0.650	ND(0.190)	ND(0.190)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	12.2	15.4	9.80	27.6
Cobalt	NA	NA	5.40 B	7.40	11.7	4.90 B
Copper	NA	NA	93.1	3610	27.5	24.5
Cyanide	NA	NA	ND(3.10)	ND(2.80)	ND(2.80)	ND(2.70)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	NA	165 EN*	261 EN*	8.60 N*	119 EN*
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	ND(0.130) N	0.120 N	ND(0.110) N	ND(0.110) N
Nickel	NA	NA	26.9	32.1	20.0	6.80
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	1.60	1.60	1.50	2.00
Silver	NA	NA	ND(0.340)	0.490 B	ND(0.310)	ND(0.300)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	ND(252)	263	ND(226)	ND(220)
Thallium	NA	NA	ND(0.520)	ND(0.450)	ND(0.460)	ND(2.30)
Tin	NA	NA	ND(1.50)	117	ND(1.30)	ND(1.30)
Vanadium	NA	NA	16.1	19.2	8.30	49.5
Zinc	NA	NA	247 E	578 E	55.8	28.8

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter — Date Collected:	LS-30 L30B1416 14-16 08/14/95	LS-31 L31B1214 12-14 08/15/95	LS-32 LS3224 2-4 10/12/94	LS-32 LS3268 6-8 10/12/94	LS-32 LS321012 10-12 10/12/94	LS-32 LS321214 12-14 10/12/94	LS-32 LS321416 14-16 10/12/94
Volatile Organics							
1,1,2-Trichloroethane	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR	NR	NR
1,2-Dichloroethene (total)	NA	NA	0.0020 J	ND(0.40)	0.00020 J	NR	NR
2-Butanone	ND(1.5)	NA	ND(0.040)	ND(0.31)	NR	NR	NR
2-Chloroethylvinylether	ND(1.5)	NA	ND(0.017)	ND(0.13)	NR	NR	NR
4-Methyl-2-pentanone	ND(1.5)	NA	ND(0.029)	ND(0.22)	NR	NR	NR
Acetone	ND(1.5)	NA	0.029 JB	0.19 JB	NR	NR	NR
Acetonitrile	ND(29)	NA	ND(0.23)	ND(1.8)	NR	NR	NR
Benzene	0.49 J	NA	ND(0.017)	ND(0.13)	NR	NR	0.0070 J
Chlorobenzene	29	NA	0.0020 J	0.071 J	0.0020 J	0.071 J	0.21
Chloroform	ND(0.74)	NA	ND(0.017)	ND(0.13)	NR	NR	NR
cis-1,2-Dichloroethene	0.22 J	NA	NA	ND(0.27)	NR	NR	NR
Ethylbenzene	1.6	NA	ND(0.017)	0.014 J	NR	0.014 J	NR
Methylene Chloride	ND(0.74)	NA	0.045 B	0.23 B	NR	NR	NR
Tetrachloroethene	ND(0.74)	NA	0.0010 J	ND(0.13)	0.0010 J	NR	NR
Toluene	0.82	NA	ND(0.017)	ND(0.13)	NR	NR	NR
Trichloroethene	ND(0.74)	NA	9.8 D	3.0 D	9.8 D	3.0 D	0.11
Xylenes (total)	20 Z	NA	ND(0.023)	ND(0.18)	NR	NR	0.0020 J
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NA	ND(15)	NA	NA	NA	NA
1,2,4-Trichlorobenzene	4.7	NA	3.1 J	NA	NA	NA	NA
1,2-Dichlorobenzene	0.50	NA	ND(6.7)	NA	NA	NA	NA
1,3-Dichlorobenzene	2.9	NA	ND(5.8)	NA	NA	NA	NA
1,4-Dichlorobenzene	16 E	NA	ND(5.9)	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	ND(12)	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.39)	NA	ND(16)	NA	NA	NA	NA
2,4-Dimethylphenol	ND(0.39)	NA	ND(6.9)	NA	NA	NA	NA
2-Methylnaphthalene	4.9	NA	ND(9.5)	NA	NA	NA	NA
3&4-Methylphenol	ND(0.39)	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ND(0.78)	NA	ND(5.7)	NA	NA	NA	NA
4-Aminobiphenyl	ND(0.78)	NA	ND(4.6)	NA	NA	NA	NA
Acenaphthene	ND(0.39)	NA	ND(7.5)	NA	NA	NA	NA
Acenaphthylene	ND(0.39)	NA	ND(7.6)	NA	NA	NA	NA
Aniline	ND(0.39)	NA	0.75 J	NA	NA	NA	NA
Anthracene	ND(0.39)	NA	0.43 J	NA	NA	NA	NA
Benzidine	ND(0.39)	NA	ND(18)	NA	NA	NA	NA
Benzo(a)anthracene	ND(0.39)	NA	2.5 J	NA	NA	NA	NA
Benzo(a)pyrene	ND(0.39)	NA	2.1 J	NA	NA	NA	NA
Benzo(b)fluoranthene	ND(0.39)	NA	3.2 ZJ	NA	NA	NA	NA
Benzo(g,h,i)perylene	ND(0.39)	NA	1.5 J	NA	NA	NA	NA
Benzo(k)fluoranthene	ND(0.39)	NA	5.8 ZJ	NA	NA	NA	NA
Benzoic Acid	NA	NA	ND(22)	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.39)	NA	ND(6.7)	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.39)	NA	1.2 J	NA	NA	NA	NA
Butylbenzylphthalate	ND(0.39)	NA	ND(7.7)	NA	NA	NA	NA
Chrysene	ND(0.39)	NA	2.2 J	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.39)	NA	0.39 J	NA	NA	NA	NA
Dibenzofuran	ND(0.39)	NA	ND(7.8)	NA	NA	NA	NA
Di-n-Butylphthalate	ND(0.39)	NA	ND(8.7)	NA	NA	NA	NA
Di-n-Octylphthalate	ND(0.39)	NA	ND(5.4)	NA	NA	NA	NA
Fluoranthene	ND(0.39)	NA	3.3 J	NA	NA	NA	NA
Fluorene	0.87	NA	ND(7.8)	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.39)	NA	1.2 J	NA	NA	NA	NA
Naphthalene	16 E	NA	ND(7.5)	NA	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.39)	NA	ND(16)	NA	NA	NA	NA
Pentachlorophenol	ND(0.94)	NA	ND(16)	NA	NA	NA	NA
Phenanthrene	ND(0.39)	NA	2.7 J	NA	NA	NA	NA
Phenol	0.59	NA	ND(6.5)	NA	NA	NA	NA
Pyrene	ND(0.39)	NA	2.6 J	NA	NA	NA	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	LS-30	LS-31	LS-32	LS-32	LS-32	LS-32	LS-32
Sample ID:	L30B1416	L31B1214	LS3224	LS3268	LS321012	LS321214	LS321416
Sample Depth(Feet):	14-16	12-14	2-4	6-8	10-12	12-14	14-16
Parameter Date Collected:	08/14/95	08/15/95	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94
Organochlorine Pesticides							
4,4'-DDD	ND(3.4)	NA	NA	NA	NA	NA	NA
4,4'-DDE	2.6	NA	ND(0.79)	NA	NA	NA	NA
4,4'-DDT	12	NA	ND(0.79)	NA	NA	NA	NA
Aldrin	NA	NA	ND(0.23)	NA	NA	NA	NA
Beta-BHC	ND(3.4)	NA	ND(0.23)	NA	NA	NA	NA
Dieldrin	ND(3.4)	NA	ND(0.34)	NA	NA	NA	NA
Endosulfan I	ND(3.4)	NA	ND(0.34)	NA	NA	NA	NA
Endosulfan II	ND(3.4)	NA	ND(0.79)	NA	NA	NA	NA
Endrin	3.4	NA	ND(0.56)	NA	NA	NA	NA
Endrin Aldehyde	11	NA	ND(0.23)	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	11	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
Dimethoate	NA	NA	0.019 BP	NA	NA	NA	NA
Herbicides							
2,4,5-TP	NA	NA	0.12 JB	NA	NA	NA	NA
Dinoseb	ND(0.39)	NA	0.055 JP	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0026 YE	NA	ND(0.018) X	NA	NA	NA	NA
TCDFs (total)	0.026	NA	0.063	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.0017	NA	0.0093	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.0016	NA	0.017	NA	NA	NA	NA
PeCDFs (total)	0.020	NA	0.13	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.010) Y	NA	0.061	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	0.0046 E	NA	0.016	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	0.0021	NA	0.011	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.0020	NA	0.0074	NA	NA	NA	NA
HxCDFs (total)	0.020	NA	0.15	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0067 E	NA	0.020	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0037 E	NA	0.0098	NA	NA	NA	NA
HpCDFs (total)	0.015	NA	0.040	NA	NA	NA	NA
OCDF	0.0096 E	NA	0.016	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	0.000013	NA	ND(0.0016)	NA	NA	NA	NA
TCDDs (total)	0.00073	NA	ND(0.0016)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	0.000057	NA	ND(0.0027)	NA	NA	NA	NA
PeCDDs (total)	0.00044	NA	ND(0.0027)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	0.000053	NA	ND(0.0011)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	0.00013	NA	ND(0.0014)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.00014	NA	ND(0.00095)	NA	NA	NA	NA
HxCDDs (total)	0.0015	NA	0.0025	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00067	NA	0.0044	NA	NA	NA	NA
HpCDDs (total)	0.0014	NA	0.0098	NA	NA	NA	NA
OCDD	0.0030	NA	0.028	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0027	NA	0.022	NA	NA	NA	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-30 L30B1416 14-16 08/14/95	LS-31 L31B1214 12-14 08/15/95	LS-32 LS3224 2-4 10/12/94	LS-32 LS3268 6-8 10/12/94	LS-32 LS321012 10-12 10/12/94	LS-32 LS321214 12-14 10/12/94	LS-32 LS321416 14-16 10/12/94
Inorganics							
Aluminum	NA	NA	12400	NA	NA	NA	NA
Antimony	4.40 BN	ND(1.80) N	29.6 N	NA	NA	NA	NA
Arsenic	7.30	2.60	9.00	NA	NA	NA	NA
Barium	149	36.3	661	NA	NA	NA	NA
Beryllium	0.130 B	0.260 B	0.290 B	NA	NA	NA	NA
Cadmium	2.40	ND(0.200)	5.40	NA	NA	NA	NA
Calcium	NA	NA	11300	NA	NA	NA	NA
Chromium	29.3	8.90	204 E	NA	NA	NA	NA
Cobalt	8.20	8.50	11.7	NA	NA	NA	NA
Copper	1390	15.9	4650	NA	NA	NA	NA
Cyanide	ND(2.90)	ND(3.00)	NA	NA	NA	NA	NA
Iron	NA	NA	41500	NA	NA	NA	NA
Lead	787 EN*	8.10 N*	14400 E	NA	NA	NA	NA
Magnesium	NA	NA	5600	NA	NA	NA	NA
Manganese	NA	NA	791	NA	NA	NA	NA
Mercury	0.590 N	ND(0.120) N	NA	NA	NA	NA	NA
Nickel	24.0	11.4	82.0 E	NA	NA	NA	NA
Potassium	NA	NA	770 B	NA	NA	NA	NA
Selenium	1.50	1.10	ND(0.770) N	NA	NA	NA	NA
Silver	1.50	ND(0.320)	5.80	NA	NA	NA	NA
Sodium	NA	NA	547 B	NA	NA	NA	NA
Sulfide	429	NA	NA	NA	NA	NA	NA
Thallium	ND(0.480)	ND(0.490)	ND(1.00)	NA	NA	NA	NA
Tin	242	ND(1.40)	482	NA	NA	NA	NA
Vanadium	7.50	8.50	13.7	NA	NA	NA	NA
Zinc	834 E	49.5	3610	NA	NA	NA	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	LS-33	LS-33	LS-35	LS-37	LS-39	LS-40
Sample ID:	LS331416	LS3368	L35B1214	L37B0608	L39B1012	L40B1012
Sample Depth(Feet):	14-16	6-8	12-14	6-8	10-12	10-12
Parameter Date Collected:	10/12/94	10/12/94	08/15/95	08/08/95	08/10/95	08/10/95
Volatile Organics						
1,1,2-Trichloroethane	ND(1.0)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
1,2-Dichloroethene (total)	ND(3.2)	ND(0.052)	NA	NA	NA	NA
2-Butanone	ND(1.2)	ND(0.040)	ND(1.5)	ND(0.011)	ND(0.012)	0.0010 J
2-Chloroethylvinylether	ND(1.7)	ND(0.017)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
4-Methyl-2-pentanone	ND(1.4)	ND(0.029)	ND(1.5)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	ND(1.7)	0.0090 JB	0.37 BJ	0.022	0.010 J	0.013
Acetonitrile	ND(26)	ND(0.23)	ND(30)	ND(0.22)	ND(0.23)	ND(0.23)
Benzene	ND(1.3)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chlorobenzene	3.5	ND(0.017)	16	ND(0.0050)	ND(0.0060)	ND(0.0060)
Chloroform	ND(1.6)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
cis-1,2-Dichloroethene	NA	ND(0.034)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Ethylbenzene	0.20 J	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Methylene Chloride	0.30 J	0.032 B	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Tetrachloroethene	ND(1.0)	ND(0.017)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Toluene	ND(1.8)	ND(0.017)	ND(0.75)	0.0040 J	0.0030 J	0.0030 J
Trichloroethene	ND(1.1)	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Xylenes (total)	1.1 J	ND(0.023)	ND(0.75)	ND(0.0050)	ND(0.0060)	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,2,4-Trichlorobenzene	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,2-Dichlorobenzene	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
1,3-Dichlorobenzene	NA	NA	1.7 J	ND(0.36)	ND(0.40)	ND(0.40)
1,4-Dichlorobenzene	NA	NA	8.3	ND(0.36)	ND(0.40)	ND(0.40)
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2,4-Dimethylphenol	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
2-Methylnaphthalene	NA	NA	ND(2.0)	0.085 J	ND(0.40)	ND(0.40)
3&4-Methylphenol	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
3,3'-Dichlorobenzidine	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
4-Aminobiphenyl	NA	NA	ND(4.0)	ND(0.72)	ND(0.80)	ND(0.80)
Acenaphthene	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Acenaphthylene	NA	NA	ND(2.0)	0.16 J	ND(0.40)	ND(0.40)
Aniline	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Anthracene	NA	NA	ND(2.0)	0.22 J	ND(0.40)	ND(0.40)
Benzidine	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Benzo(a)anthracene	NA	NA	ND(2.0)	0.58	ND(0.40)	ND(0.40)
Benzo(a)pyrene	NA	NA	ND(2.0)	0.49	ND(0.40)	ND(0.40)
Benzo(b)fluoranthene	NA	NA	ND(2.0)	0.56	ND(0.40)	ND(0.40)
Benzo(g,h,i)perylene	NA	NA	ND(2.0)	0.33 J	ND(0.40)	ND(0.40)
Benzo(k)fluoranthene	NA	NA	ND(2.0)	0.50	ND(0.40)	ND(0.40)
Benzoic Acid	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Butylbenzylphthalate	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Chrysene	NA	NA	ND(2.0)	0.73	ND(0.40)	ND(0.40)
Dibenzo(a,h)anthracene	NA	NA	ND(2.0)	0.13 J	ND(0.40)	ND(0.40)
Dibenzofuran	NA	NA	ND(2.0)	0.091 J	ND(0.40)	ND(0.40)
Di-n-Butylphthalate	NA	NA	ND(2.0)	0.11 BJ	0.049 BJ	0.12 BJ
Di-n-Octylphthalate	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Fluoranthene	NA	NA	ND(2.0)	1.3	ND(0.40)	ND(0.40)
Fluorene	NA	NA	ND(2.0)	0.17 J	ND(0.40)	ND(0.40)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(2.0)	0.29 J	ND(0.40)	ND(0.40)
Naphthalene	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
N-Nitrosodiphenylamine	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pentachlorophenol	NA	NA	ND(4.8)	ND(0.87)	ND(0.96)	ND(0.96)
Phenanthrene	NA	NA	ND(2.0)	1.8	ND(0.40)	ND(0.40)
Phenol	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Pyrene	NA	NA	ND(2.0)	1.4	ND(0.40)	ND(0.40)

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-33 LS331416 14-16 10/12/94	LS-33 LS3368 6-8 10/12/94	LS-35 L35B1214 12-14 08/15/95	LS-37 L37B0608 6-8 08/08/95	LS-39 L39B1012 10-12 08/10/95	LS-40 L40B1012 10-12 08/10/95
Organochlorine Pesticides						
4,4'-DDD	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
4,4'-DDE	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
4,4'-DDT	NA	NA	7.6	0.0012 J	ND(0.0021)	ND(0.0021)
Aldrin	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Dieldrin	NA	NA	ND(4.1)	0.0020	ND(0.0021)	ND(0.0021)
Endosulfan I	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Endosulfan II	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Endrin	NA	NA	ND(4.1)	0.0036	ND(0.0021)	ND(0.0021)
Endrin Aldehyde	NA	NA	ND(4.1)	ND(0.0018)	ND(0.0021)	ND(0.0021)
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	15	ND(0.0018)	ND(0.0021)	ND(0.0021)
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-TP	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	ND(2.0)	ND(0.36)	ND(0.40)	ND(0.40)
Furans						
2,3,7,8-TCDF	NA	NA	0.00015 Y	0.0000020 YJ	ND(0.00000015)	ND(0.00000015)
TCDFs (total)	NA	NA	0.0030	0.000027	ND(0.00000021)	ND(0.00000015)
1,2,3,7,8-PeCDF	NA	NA	0.00011	ND(0.0000013)	ND(0.00000014)	ND(0.00000020)
2,3,4,7,8-PeCDF	NA	NA	0.00052	ND(0.0000014)	ND(0.00000012)	ND(0.00000017)
PeCDFs (total)	NA	NA	0.0065	0.0000055	ND(0.00000014)	ND(0.00000020)
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.0027) Y	ND(0.0000021)	ND(0.000000095)	ND(0.000000045)
1,2,3,6,7,8-HxCDF	NA	NA	0.0012	ND(0.00000088)	ND(0.00000012)	ND(0.000000055)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.000026) Y	ND(0.00000017)	ND(0.00000016)	ND(0.00000012)
2,3,4,6,7,8-HxCDF	NA	NA	0.00056	ND(0.0000013)	ND(0.00000013)	ND(0.000000060)
HxCDFs (total)	NA	NA	0.0049	ND(0.0000037)	ND(0.00000024)	ND(0.00000017)
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0012	ND(0.0000035)	ND(0.00000024)	ND(0.00000024)
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0012	ND(0.00000050)	ND(0.00000032)	ND(0.00000033)
HpCDFs (total)	NA	NA	0.0038	ND(0.0000040)	ND(0.00000032)	ND(0.00000033)
OCDF	NA	NA	0.0012	ND(0.0000047)	ND(0.00000020)	ND(0.00000023)
Dioxins						
2,3,7,8-TCDD	NA	NA	0.0000039 J	ND(0.00000035)	ND(0.00000019)	ND(0.00000012)
TCDDs (total)	NA	NA	0.00054	0.0000029	ND(0.00000047)	ND(0.00000031)
1,2,3,7,8-PeCDD	NA	NA	ND(0.000018) Y	ND(0.00000048)	ND(0.00000022)	ND(0.00000011)
PeCDDs (total)	NA	NA	0.00023	ND(0.0000019)	ND(0.00000065)	ND(0.00000011)
1,2,3,4,7,8-HxCDD	NA	NA	0.000017	ND(0.00000044)	ND(0.00000028)	ND(0.00000020)
1,2,3,6,7,8-HxCDD	NA	NA	0.000055	ND(0.00000086)	ND(0.00000030)	ND(0.00000021)
1,2,3,7,8,9-HxCDD	NA	NA	0.000043	ND(0.0000020)	ND(0.00000030)	ND(0.00000021)
HxCDDs (total)	NA	NA	0.00077	ND(0.0000050)	ND(0.00000030)	ND(0.00000021)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00019	0.000013	ND(0.00000035)	ND(0.00000025)
HpCDDs (total)	NA	NA	0.00049	0.000031	ND(0.00000058)	ND(0.00000025)
OCDD	NA	NA	0.00089	0.00074	ND(0.0000056)	ND(0.0000019)
Total TEQs (WHO TEFs)	NA	NA	0.00064	0.0000016	0.00000032	0.00000022

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-33 LS331416 14-16 10/12/94	LS-33 LS3368 6-8 10/12/94	LS-35 L35B1214 12-14 08/15/95	LS-37 L37B0608 6-8 08/08/95	LS-39 L39B1012 10-12 08/10/95	LS-40 L40B1012 10-12 08/10/95
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	3.80 BN	ND(1.80) N	ND(1.80) N
Arsenic	NA	NA	NA	11.0	3.50	3.60
Barium	NA	NA	NA	32.8	10.9 B	12.3 B
Beryllium	NA	NA	NA	0.320 B	0.160 B	0.130 B
Cadmium	NA	NA	NA	0.950	ND(0.210)	ND(0.210)
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	25.6	10.1	8.20
Cobalt	NA	NA	NA	10.8	13.2	10.9
Copper	NA	NA	NA	461	25.7	23.5
Cyanide	NA	NA	NA	ND(2.70)	ND(3.00)	ND(3.00)
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	190 EN*	8.90 N*	6.70 N*
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	ND(0.110) N	ND(0.120) N	ND(0.120) N
Nickel	NA	NA	NA	32.9	20.7	17.4
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	2.70	1.40	1.20
Silver	NA	NA	NA	ND(0.290)	ND(0.330)	ND(0.330)
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	ND(241)	ND(217)	ND(241)	ND(242)
Thallium	NA	NA	NA	ND(0.450)	ND(0.490)	ND(0.500)
Tin	NA	NA	NA	23.0	ND(1.40)	ND(1.40)
Vanadium	NA	NA	NA	29.4	8.00	6.00 B
Zinc	NA	NA	NA	296 E	58.4	49.8

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter — Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95
Volatile Organics				
1,1,2-Trichloroethane	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
1,2-Dichloroethene (total)	ND(0.0070)	NA	NA	NA
2-Butanone	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]
2-Chloroethylvinylether	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]
4-Methyl-2-pentanone	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.011)]
Acetone	0.053	0.031 B	0.028 B	0.033 B [0.064 B]
Acetonitrile	NR	ND(0.21)	ND(0.21)	ND(0.20) [ND(0.21)]
Benzene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
cis-1,2-Dichloroethene	NR	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Ethylbenzene	0.036	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Methylene Chloride	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroethene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Toluene	ND(0.0070)	0.0020 J	0.012	0.0030 J [0.0030 J]
Trichloroethene	ND(0.0070)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Xylenes (total)	0.023 X	ND(0.0050)	0.0030 JZ	ND(0.0050) [0.0010 JZ]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
1,2,4-Trichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
1,2-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
1,3-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
1,4-Dichlorobenzene	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
1-Methylnaphthalene	NR	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
2,4-Dimethylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
2-Methylnaphthalene	0.97	ND(0.33)	0.036 J	ND(0.34) [ND(0.34)]
3&4-Methylphenol	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
3,3'-Dichlorobenzidine	ND(1.8)	ND(0.67)	0.075 J	ND(0.69) [ND(0.69)]
4-Aminobiphenyl	NR	ND(0.67)	ND(0.67)	ND(0.69) [ND(0.69)]
Acenaphthene	0.58 J	ND(0.33)	0.066 J	ND(0.34) [ND(0.34)]
Acenaphthylene	0.11 J	ND(0.33)	0.096 J	0.099 J [0.095 J]
Aniline	ND(0.89)	ND(0.33)	1.9	0.67 [0.51]
Anthracene	ND(0.89)	ND(0.33)	0.14 J	0.080 J [0.11 J]
Benzidine	ND(0.89)	ND(0.33)	0.097 J	ND(0.34) [ND(0.34)]
Benzo(a)anthracene	0.14 JX	0.036 J	0.56	0.41 [0.56]
Benzo(a)pyrene	0.24 J	0.038 J	0.86	0.58 [0.68]
Benzo(b)fluoranthene	0.11 JX	0.037 J	0.87	0.73 [0.76]
Benzo(g,h,i)perylene	0.19 J	ND(0.33)	0.21 J	0.18 J [0.19 J]
Benzo(k)fluoranthene	0.24 JX	0.039 J	1.0	0.59 [0.82]
Benzoic Acid	NR	NA	NA	NA
bis(2-Chloroethyl)ether	NR	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
bis(2-Ethylhexyl)phthalate	0.40 J	ND(0.33)	0.059 J	0.052 J [0.077 J]
Butylbenzylphthalate	ND(0.89)	ND(0.33)	ND(0.34)	0.050 J [0.056 J]
Chrysene	0.17 J	0.047 J	0.83	0.78 [1.2]
Dibenzo(a,h)anthracene	ND(0.89)	ND(0.33)	0.10 J	0.057 J [0.088 J]
Dibenzofuran	ND(0.89)	ND(0.33)	0.037 J	ND(0.34) [ND(0.34)]
Di-n-Butylphthalate	ND(0.89)	ND(0.33)	0.21 J	0.19 J [0.18 J]
Di-n-Octylphthalate	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
Fluoranthene	0.10 J	0.079 J	1.3	1.1 [1.3]
Fluorene	0.17 J	ND(0.33)	0.076 J	ND(0.34) [0.038 J]
Indeno(1,2,3-cd)pyrene	0.12 J	ND(0.33)	0.27 J	0.19 J [0.24 J]
Naphthalene	4.7	ND(0.33)	0.044 J	ND(0.34) [ND(0.34)]
N-Nitrosodiphenylamine	ND(0.89)	ND(0.33)	0.076 J	ND(0.34) [ND(0.34)]
Pentachlorophenol	NR	ND(0.81)	ND(0.82)	ND(0.83) [ND(0.83)]
Phenanthrene	0.11 J	0.053 J	0.80	0.56 [0.63]
Phenol	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
Pyrene	0.24 J	0.067 J	0.93	0.90 [1.1]

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter — Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	ND(0.0043)	ND(0.0017)	0.18 J	0.014 J [0.010 J]
4,4'-DDT	ND(0.0043)	ND(0.0017)	ND(0.35)	0.031 [ND(0.018)]
Aldrin	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]
Beta-BHC	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]
Dieldrin	ND(0.0043)	ND(0.0017)	ND(0.35)	0.036 [ND(0.018)]
Endosulfan I	ND(0.0022)	ND(0.0017)	ND(0.35)	ND(0.018) [ND(0.018)]
Endosulfan II	ND(0.0043)	ND(0.0017)	ND(0.35)	0.017 J [ND(0.018)]
Endrin	ND(0.0043)	ND(0.0017)	ND(0.35)	0.073 [ND(0.018)]
Endrin Aldehyde	ND(0.0043)	0.0032	ND(0.35)	ND(0.018) [0.027]
Gamma-BHC (Lindane)	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Herbicides				
2,4,5-TP	NA	NA	NA	NA
Dinoseb	ND(0.89)	ND(0.33)	ND(0.34)	ND(0.34) [ND(0.34)]
Furans				
2,3,7,8-TCDF	ND(0.00000045)	ND(0.00000051)	0.000084 Y	0.00014 Y [0.00015 Y]
TCDFs (total)	ND(0.00000045)	ND(0.00000051)	0.00067	0.00086 [0.00088]
1,2,3,7,8-PeCDF	ND(0.00000031)	ND(0.00000016)	0.000028	0.000051 [0.000052]
2,3,4,7,8-PeCDF	ND(0.00000028)	ND(0.00000018)	0.000058 J	0.000043 [0.000048]
PeCDFs (total)	ND(0.00000043)	ND(0.00000089)	0.0014	0.00049 [0.00054]
1,2,3,4,7,8-HxCDF	ND(0.00000047)	ND(0.00000029)	0.000063	0.000065 [0.000064]
1,2,3,6,7,8-HxCDF	ND(0.00000019)	ND(0.00000020)	0.000061	0.000036 [0.000040]
1,2,3,7,8,9-HxCDF	ND(0.00000031)	ND(0.00000011)	0.0000098 J	ND(0.0000014) [ND(0.0000017)]
2,3,4,6,7,8-HxCDF	ND(0.00000020)	ND(0.00000027)	0.00018	0.000042 [0.000043]
HxCDFs (total)	ND(0.00000047)	ND(0.0000015)	0.0014	0.00039 [0.00039]
1,2,3,4,6,7,8-HpCDF	ND(0.00000061)	ND(0.0000015)	0.00023	0.00020 [0.00020]
1,2,3,4,7,8,9-HpCDF	ND(0.00000084)	ND(0.00000027)	0.000021	0.000016 [0.000016]
HpCDFs (total)	ND(0.00000084)	ND(0.0000018)	0.00057	0.00045 [0.00045]
OCDF	ND(0.0000014)	ND(0.0000036)	0.00013	0.00046 [0.00049]
Dioxins				
2,3,7,8-TCDD	ND(0.00000036)	ND(0.00000022)	0.0000013 J	0.0000082 [0.0000088]
TCDDs (total)	ND(0.00000036)	ND(0.00000040)	0.0000052	0.000015 [0.000027]
1,2,3,7,8-PeCDD	ND(0.00000020)	ND(0.00000017)	ND(0.0000021)	ND(0.0000041) [ND(0.0000040)]
PeCDDs (total)	ND(0.00000020)	ND(0.00000020)	ND(0.0000048)	0.0000053 [ND(0.000010)]
1,2,3,4,7,8-HxCDD	ND(0.00000045)	ND(0.00000012)	ND(0.0000023)	0.0000054 J [ND(0.0000051)]
1,2,3,6,7,8-HxCDD	ND(0.00000043)	ND(0.00000036)	ND(0.0000050)	0.000014 [0.000015]
1,2,3,7,8,9-HxCDD	ND(0.00000047)	ND(0.00000032)	ND(0.0000049)	0.000013 [0.000013]
HxCDDs (total)	ND(0.00000047)	ND(0.00000077)	0.000045	0.00012 [0.00012]
1,2,3,4,6,7,8-HpCDD	ND(0.00000048)	ND(0.0000043)	0.000071	0.00023 [0.00024]
HpCDDs (total)	ND(0.00000048)	ND(0.0000043)	0.00019	0.00042 [0.00043]
OCDD	ND(0.0000049)	0.000033	0.00057	0.0012 [0.0013]
Total TEQs (WHO TEFs)	0.00000052	0.00000039	0.000076	0.000071 [0.000075]

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LS-45 L45B1012 10-12 04/25/96	LS-C18 LS-C-18 0-0.5 08/30/95	LS-GWP-33 LS-GWP-33 0-0.5 08/30/95	LS-GWP-34 LS-GWP-34 0-0.5 08/30/95
Inorganics				
Aluminum	NR	NA	NA	NA
Antimony	ND(3.20)	ND(1.50) N	ND(1.50) N	ND(1.50) N [3.20 BN]
Arsenic	1.60	5.70 E*	9.70 E*	5.10 E* [5.40 E*]
Barium	20.8 B	21.9	33.5	49.2 [47.8]
Beryllium	0.250 B	0.210 B	0.270 B	0.290 B [0.280 B]
Cadmium	ND(0.320)	ND(0.170)	ND(0.170)	0.510 B [0.470 B]
Calcium	NR	NA	NA	NA
Chromium	7.30	9.80	12.5	8.80 [8.80]
Cobalt	6.30 B	11.4	7.80	7.60 [7.50]
Copper	10.5	24.0 *	76.2 *	44.1 * [43.2 *]
Cyanide	ND(3.40)	ND(2.50)	ND(2.60)	ND(2.60) [ND(2.60)]
Iron	NR	NA	NA	NA
Lead	5.90	12.6	72.2	108 [106]
Magnesium	NR	NA	NA	NA
Manganese	NR	NA	NA	NA
Mercury	ND(0.130)	ND(0.100) N	0.620 N	0.180 N [0.170 N]
Nickel	8.70	17.5	15.1	15.1 [15.2]
Potassium	NR	NA	NA	NA
Selenium	ND(0.380)	0.960	1.00	1.20 [0.900]
Silver	ND(0.380)	0.280 B	ND(0.280)	ND(0.280) [ND(0.280)]
Sodium	NR	NA	NA	NA
Sulfide	ND(269)	ND(202)	ND(205)	296 [296]
Thallium	ND(0.650)	ND(0.410)	ND(0.420)	ND(0.430) [ND(0.430)]
Tin	ND(2.20)	ND(1.20)	ND(1.20)	ND(1.20) [ND(1.20)]
Vanadium	6.90	8.30	16.1	18.8 [18.8]
Zinc	35.6 N	52.0 E	109 E	299 E [300 E]

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 LSSC-02-CS1015 10-15 12/21/98	LSSC-02 LSSC-02-SS08 12-14 12/21/98	LSSC-03 LSSC-03-SS06 8-10 12/16/98	LSSC-04 LSSC-04-CS0610 6-10 12/14/98	LSSC-06 LSSC-06-CS1015 10-15 12/15/98
Volatile Organics					
1,1,2-Trichloroethane	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
2-Butanone	NA	ND(0.022)	ND(0.024)	ND(0.024)	NA
2-Chloroethylvinylether	NA	ND(0.055)	ND(0.061)	ND(0.060)	NA
4-Methyl-2-pentanone	NA	ND(0.022)	ND(0.024)	ND(0.024)	NA
Acetone	NA	ND(0.022)	0.0062 J	0.051	NA
Acetonitrile	NA	ND(0.11)	ND(0.12)	ND(0.12)	NA
Benzene	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Chlorobenzene	NA	ND(0.0055)	0.0018 J	ND(0.0060)	NA
Chloroform	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
cis-1,2-Dichloroethene	NA	ND(0.0027)	ND(0.0030)	ND(0.0030)	NA
Ethylbenzene	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Methylene Chloride	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Tetrachloroethene	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Toluene	NA	ND(0.0055)	ND(0.0061)	0.0013 J	NA
Trichloroethene	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Xylenes (total)	NA	ND(0.0055)	ND(0.0061)	ND(0.0060)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
1,2,4-Trichlorobenzene	ND(0.40)	NA	NA	ND(0.40)	150
1,2-Dichlorobenzene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
1,3-Dichlorobenzene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
1,4-Dichlorobenzene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
1-Methylnaphthalene	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.40)	NA	NA	ND(0.40)	ND(87)
2,4-Dimethylphenol	ND(0.40)	NA	NA	ND(0.40)	ND(87)
2-Methylnaphthalene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
3&4-Methylphenol	ND(0.40)	NA	NA	ND(0.40)	ND(87)
3,3'-Dichlorobenzidine	ND(1.9)	NA	NA	ND(1.9)	ND(420)
4-Aminobiphenyl	ND(1.9)	NA	NA	ND(1.9)	ND(420)
Acenaphthene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Acenaphthylene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Aniline	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Anthracene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzidine	ND(4.0)	NA	NA	ND(4.0)	ND(870)
Benzo(a)anthracene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzo(a)pyrene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzo(b)fluoranthene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzo(g,h,i)perylene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzo(k)fluoranthene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Benzoic Acid	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.40)	NA	NA	ND(0.40)	ND(87)
bis(2-Ethylhexyl)phthalate	0.46	NA	NA	0.19 J	ND(87)
Butylbenzylphthalate	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Chrysene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Dibenzo(a,h)anthracene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Dibenzofuran	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Di-n-Butylphthalate	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Di-n-Octylphthalate	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Fluoranthene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Fluorene	ND(0.16)	NA	NA	ND(0.16)	ND(34)
Indeno(1,2,3-cd)pyrene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Naphthalene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
N-Nitrosodiphenylamine	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Pentachlorophenol	ND(1.9)	NA	NA	ND(1.9)	ND(420)
Phenanthrene	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Phenol	ND(0.40)	NA	NA	ND(0.40)	ND(87)
Pyrene	ND(0.40)	NA	NA	ND(0.40)	ND(87)

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	LSSC-02 LSSC-02-CS1015 10-15 12/21/98	LSSC-02 LSSC-02-SS08 12-14 12/21/98	LSSC-03 LSSC-03-SS06 8-10 12/16/98	LSSC-04 LSSC-04-CS0610 6-10 12/14/98	LSSC-06 LSSC-06-CS1015 10-15 12/15/98
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	ND(0.79)	NA	NA	ND(0.80)	ND(170)
Furans					
2,3,7,8-TCDF	ND(0.00000045)	NA	NA	0.000023 Y	0.00016 Y
TCDFs (total)	ND(0.0000016)	NA	NA	0.00016	0.0040
1,2,3,7,8-PeCDF	ND(0.00000033)	NA	NA	0.000015	0.00036
2,3,4,7,8-PeCDF	ND(0.00000034)	NA	NA	0.0000085	0.0016
PeCDFs (total)	ND(0.00000077)	NA	NA	0.00016	0.012
1,2,3,4,7,8-HxCDF	ND(0.00000084)	NA	NA	0.000015	0.0065 E
1,2,3,6,7,8-HxCDF	ND(0.00000036)	NA	NA	0.000015	0.0029 E
1,2,3,7,8,9-HxCDF	ND(0.000000059)	NA	NA	ND(0.00000044)	0.000096
2,3,4,6,7,8-HxCDF	ND(0.00000016)	NA	NA	0.0000071	0.00033
HxCDFs (total)	ND(0.00000084)	NA	NA	0.00014	0.017
1,2,3,4,6,7,8-HpCDF	ND(0.00000092)	NA	NA	0.000020	0.0024
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	NA	0.0000042 J	0.0027
HpCDFs (total)	ND(0.00000092)	NA	NA	0.000055	0.0078
OCDF	ND(0.0000013)	NA	NA	0.000014	0.0027
Dioxins					
2,3,7,8-TCDD	ND(0.00000030)	NA	NA	ND(0.00000038)	ND(0.0000040)
TCDDs (total)	0.0000050	NA	NA	0.000014	0.00053
1,2,3,7,8-PeCDD	ND(0.00000059)	NA	NA	ND(0.0000010)	0.000035
PeCDDs (total)	ND(0.00000087)	NA	NA	ND(0.0000080)	0.00048
1,2,3,4,7,8-HxCDD	ND(0.000000098)	NA	NA	ND(0.0000010)	0.000041
1,2,3,6,7,8-HxCDD	ND(0.00000016)	NA	NA	ND(0.0000010)	0.000076
1,2,3,7,8,9-HxCDD	ND(0.00000019)	NA	NA	ND(0.0000020)	0.000043
HxCDDs (total)	ND(0.00000019)	NA	NA	0.000014	0.0013
1,2,3,4,6,7,8-HpCDD	ND(0.00000088)	NA	NA	0.0000048 J	0.00038
HpCDDs (total)	ND(0.00000088)	NA	NA	0.000011	0.00089
OCDD	ND(0.0000057)	NA	NA	0.000051	0.0021
Total TEQs (WHO TEFs)	0.00000066	NA	NA	0.000012	0.0019

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-02 LSSC-02-CS1015 10-15 12/21/98	LSSC-02 LSSC-02-SS08 12-14 12/21/98	LSSC-03 LSSC-03-SS06 8-10 12/16/98	LSSC-04 LSSC-04-CS0610 6-10 12/14/98	LSSC-06 LSSC-06-CS1015 10-15 12/15/98
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	0.770 B	NA	NA	1.50	ND(1.30)
Arsenic	7.20	NA	NA	10.1	2.30
Barium	102	NA	NA	56.3	40.0
Beryllium	0.370 B	NA	NA	0.520 B	0.280 B
Cadmium	0.180 B	NA	NA	0.660	0.0850 B
Calcium	NA	NA	NA	NA	NA
Chromium	10.8	NA	NA	20.0	8.40
Cobalt	8.80	NA	NA	9.00	6.90
Copper	28.9	NA	NA	64.4	30.9
Cyanide	ND(3.00)	NA	NA	ND(3.00)	ND(3.30)
Iron	NA	NA	NA	NA	NA
Lead	12.7	NA	NA	48.8	12.3
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	ND(0.120)	NA	NA	0.0380 B	ND(0.130)
Nickel	14.1	NA	NA	17.3	11.7
Potassium	NA	NA	NA	NA	NA
Selenium	ND(0.600)	NA	NA	ND(0.600)	0.390 B
Silver	ND(1.20)	NA	NA	ND(1.20)	ND(1.30)
Sodium	NA	NA	NA	NA	NA
Sulfide	ND(240)	NA	NA	ND(241)	399
Thallium	ND(1.20)	NA	NA	0.620 B	ND(1.30)
Tin	ND(12.0)	NA	NA	ND(12.1)	3.20 B
Vanadium	13.6	NA	NA	24.3	8.10
Zinc	28.7	NA	NA	43.2	50.1

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-06 LSSC-06-SS09 14-15 12/15/98	LSSC-07 LSSC-07-CS1015 10-15 12/18/98	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98
Volatile Organics					
1,1,2-Trichloroethane	53	NA	ND(0.0073)	NA	ND(0.038)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
2-Butanone	ND(8.2)	NA	ND(0.029)	NA	ND(0.15)
2-Chloroethylvinylether	ND(21)	NA	ND(0.073)	NA	ND(0.38)
4-Methyl-2-pentanone	ND(8.2)	NA	ND(0.029)	NA	ND(0.15)
Acetone	ND(8.2)	NA	0.15	NA	1.2
Acetonitrile	ND(41)	NA	ND(0.15)	NA	ND(0.76)
Benzene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Chlorobenzene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Chloroform	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
cis-1,2-Dichloroethene	ND(1.0)	NA	ND(0.0037)	NA	ND(0.019)
Ethylbenzene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Methylene Chloride	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Tetrachloroethene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Toluene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Trichloroethene	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Xylenes (total)	ND(2.1)	NA	ND(0.0073)	NA	ND(0.038)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.45)	NA	ND(0.46)	NA
1,2,4-Trichlorobenzene	NA	ND(0.45)	NA	ND(0.46)	NA
1,2-Dichlorobenzene	NA	ND(0.45)	NA	ND(0.46)	NA
1,3-Dichlorobenzene	NA	ND(0.45)	NA	ND(0.46)	NA
1,4-Dichlorobenzene	NA	ND(0.45)	NA	ND(0.46)	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.45)	NA	ND(0.46)	NA
2,4-Dimethylphenol	NA	ND(0.45)	NA	ND(0.46)	NA
2-Methylnaphthalene	NA	ND(0.45)	NA	ND(0.46)	NA
3&4-Methylphenol	NA	ND(0.45)	NA	ND(0.46)	NA
3,3'-Dichlorobenzidine	NA	ND(2.2)	NA	ND(2.2)	NA
4-Aminobiphenyl	NA	ND(2.2)	NA	ND(2.2)	NA
Acenaphthene	NA	ND(0.45)	NA	ND(0.46)	NA
Acenaphthylene	NA	ND(0.45)	NA	ND(0.46)	NA
Aniline	NA	ND(0.45)	NA	ND(0.46)	NA
Anthracene	NA	ND(0.45)	NA	ND(0.46)	NA
Benzidine	NA	ND(4.5)	NA	ND(4.6)	NA
Benzo(a)anthracene	NA	ND(0.45)	NA	ND(0.46)	NA
Benzo(a)pyrene	NA	0.64	NA	ND(0.46)	NA
Benzo(b)fluoranthene	NA	ND(0.45)	NA	ND(0.46)	NA
Benzo(g,h,i)perylene	NA	0.045 J	NA	ND(0.46)	NA
Benzo(k)fluoranthene	NA	ND(0.45)	NA	ND(0.46)	NA
Benzoic Acid	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	ND(0.45)	NA	ND(0.46)	NA
bis(2-Ethylhexyl)phthalate	NA	0.39 J	NA	0.34 J	NA
Butylbenzylphthalate	NA	ND(0.45)	NA	ND(0.46)	NA
Chrysene	NA	ND(0.45)	NA	ND(0.46)	NA
Dibenzo(a,h)anthracene	NA	ND(0.45)	NA	ND(0.46)	NA
Dibenzofuran	NA	ND(0.45)	NA	ND(0.46)	NA
Di-n-Butylphthalate	NA	ND(0.45)	NA	ND(0.46)	NA
Di-n-Octylphthalate	NA	ND(0.45)	NA	ND(0.46)	NA
Fluoranthene	NA	ND(0.45)	NA	ND(0.46)	NA
Fluorene	NA	ND(0.18)	NA	ND(0.18)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.45)	NA	ND(0.46)	NA
Naphthalene	NA	ND(0.45)	NA	ND(0.46)	NA
N-Nitrosodiphenylamine	NA	ND(0.45)	NA	ND(0.46)	NA
Pentachlorophenol	NA	ND(2.2)	NA	ND(2.2)	NA
Phenanthrene	NA	ND(0.45)	NA	ND(0.46)	NA
Phenol	NA	ND(0.45)	NA	ND(0.46)	NA
Pyrene	NA	ND(0.45)	NA	ND(0.46)	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-06 LSSC-06-SS09 14-15 12/15/98	LSSC-07 LSSC-07-CS1015 10-15 12/18/98	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	NA	ND(0.91)	NA	ND(0.92)	NA
Furans					
2,3,7,8-TCDF	NA	0.0000014 Y	NA	0.00000094 YJ	NA
TCDFs (total)	NA	0.000022	NA	0.0000086	NA
1,2,3,7,8-PeCDF	NA	ND(0.0000018)	NA	ND(0.00000050)	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000018)	NA	ND(0.00000071)	NA
PeCDFs (total)	NA	0.000015	NA	ND(0.0000030)	NA
1,2,3,4,7,8-HxCDF	NA	0.0000039 J	NA	ND(0.0000028)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000034)	NA	ND(0.0000016)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000011)	NA	ND(0.00000013)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000015)	NA	ND(0.00000054)	NA
HxCDFs (total)	NA	0.000033	NA	ND(0.0000028)	NA
1,2,3,4,6,7,8-HpCDF	NA	0.0000058 J	NA	ND(0.0000028)	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000013)	NA	ND(0.00000077)	NA
HpCDFs (total)	NA	0.000015	NA	ND(0.0000028)	NA
OCDF	NA	ND(0.0000062)	NA	ND(0.0000044)	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000033)	NA	ND(0.00000044)	NA
TCDDs (total)	NA	ND(0.00000033)	NA	ND(0.00000044)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000084)	NA	ND(0.00000064)	NA
PeCDDs (total)	NA	ND(0.00000084)	NA	ND(0.00000064)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000022)	NA	ND(0.00000050)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000041)	NA	ND(0.00000043)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000039)	NA	ND(0.00000044)	NA
HxCDDs (total)	NA	ND(0.0000012)	NA	ND(0.00000050)	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000023)	NA	ND(0.0000014)	NA
HpCDDs (total)	NA	ND(0.0000023)	NA	ND(0.0000014)	NA
OCDD	NA	0.000011 J	NA	0.000011 J	NA
Total TEQs (WHO TEFs)	NA	0.0000020	NA	0.0000012	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-06 LSSC-06-SS09 14-15 12/15/98	LSSC-07 LSSC-07-CS1015 10-15 12/18/98	LSSC-07 LSSC-07-SS08 12-14 12/18/98	LSSC-08 LSSC-08-CS1015 10-15 12/16/98	LSSC-08 LSSC-08-SS09 14-15 12/16/98
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	NA	0.420 B	NA	0.280 B	NA
Arsenic	NA	2.10	NA	2.10	NA
Barium	NA	29.4	NA	25.9 B	NA
Beryllium	NA	0.260 B	NA	0.260 B	NA
Cadmium	NA	0.130 B	NA	0.100 B	NA
Calcium	NA	NA	NA	NA	NA
Chromium	NA	8.10	NA	7.90	NA
Cobalt	NA	7.60	NA	8.60	NA
Copper	NA	9.80	NA	9.80	NA
Cyanide	NA	ND(3.40)	NA	ND(3.50)	NA
Iron	NA	NA	NA	NA	NA
Lead	NA	6.70	NA	7.10	NA
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	NA	ND(0.140)	NA	ND(0.140)	NA
Nickel	NA	11.7	NA	11.7	NA
Potassium	NA	NA	NA	NA	NA
Selenium	NA	ND(0.690)	NA	0.430 B	NA
Silver	NA	ND(1.40)	NA	ND(1.40)	NA
Sodium	NA	NA	NA	NA	NA
Sulfide	NA	ND(275)	NA	461	NA
Thallium	NA	ND(1.40)	NA	ND(1.40)	NA
Tin	NA	ND(13.8)	NA	ND(14.0)	NA
Vanadium	NA	8.40	NA	7.70	NA
Zinc	NA	43.2	NA	40.4	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter — Date Collected:	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98
Volatile Organics					
1,1,2-Trichloroethane	NA	ND(0.0067)	NA	ND(0.0047)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
2-Butanone	NA	ND(0.027)	NA	ND(0.019)	NA
2-Chloroethylvinylether	NA	ND(0.067)	NA	ND(0.047)	NA
4-Methyl-2-pentanone	NA	ND(0.027)	NA	ND(0.019)	NA
Acetone	NA	0.063	NA	0.044	NA
Acetonitrile	NA	ND(0.13)	NA	ND(0.095)	NA
Benzene	NA	ND(0.0067)	NA	ND(0.0047)	NA
Chlorobenzene	NA	0.15	NA	ND(0.0047)	NA
Chloroform	NA	ND(0.0067)	NA	ND(0.0047)	NA
cis-1,2-Dichloroethene	NA	ND(0.0033)	NA	ND(0.0024)	NA
Ethylbenzene	NA	ND(0.0067)	NA	ND(0.0047)	NA
Methylene Chloride	NA	ND(0.0067)	NA	ND(0.0047)	NA
Tetrachloroethene	NA	ND(0.0067)	NA	ND(0.0047)	NA
Toluene	NA	ND(0.0067)	NA	ND(0.0047)	NA
Trichloroethene	NA	ND(0.0067)	NA	ND(0.0047)	NA
Xylenes (total)	NA	ND(0.0067)	NA	ND(0.0047)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
1,2,4-Trichlorobenzene	0.36 J	NA	ND(0.38)	NA	ND(0.43)
1,2-Dichlorobenzene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
1,3-Dichlorobenzene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
1,4-Dichlorobenzene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
1-Methylnaphthalene	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
2,4-Dimethylphenol	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
2-Methylnaphthalene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
3&4-Methylphenol	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
3,3'-Dichlorobenzidine	ND(2.3)	NA	ND(1.8)	NA	ND(2.1)
4-Aminobiphenyl	ND(2.3)	NA	ND(1.8)	NA	ND(2.1)
Acenaphthene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Acenaphthylene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Aniline	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Anthracene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Benzidine	ND(4.8)	NA	ND(3.8)	NA	ND(4.3)
Benzo(a)anthracene	ND(0.48)	NA	ND(0.38)	NA	0.51
Benzo(a)pyrene	ND(0.48)	NA	ND(0.38)	NA	0.44
Benzo(b)fluoranthene	ND(0.48)	NA	ND(0.38)	NA	0.46
Benzo(g,h,i)perylene	ND(0.48)	NA	ND(0.38)	NA	0.18 J
Benzo(k)fluoranthene	ND(0.48)	NA	ND(0.38)	NA	0.25 J
Benzoic Acid	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	0.18 J	NA	ND(0.38)	NA	0.23 J
Butylbenzylphthalate	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Chrysene	ND(0.48)	NA	ND(0.38)	NA	0.54
Dibenzo(a,h)anthracene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Dibenzofuran	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Di-n-Octylphthalate	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Fluoranthene	ND(0.48)	NA	ND(0.38)	NA	0.93
Fluorene	ND(0.19)	NA	ND(0.15)	NA	ND(0.17)
Indeno(1,2,3-cd)pyrene	ND(0.48)	NA	ND(0.38)	NA	0.17 J
Naphthalene	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
N-Nitrosodiphenylamine	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Pentachlorophenol	ND(2.3)	NA	ND(1.8)	NA	ND(2.1)
Phenanthrene	ND(0.48)	NA	ND(0.38)	NA	0.28 J
Phenol	ND(0.48)	NA	ND(0.38)	NA	ND(0.43)
Pyrene	ND(0.48)	NA	ND(0.38)	NA	1.0

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter Date Collected:	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	ND(0.96)	NA	ND(0.76)	NA	ND(0.87)
Furans					
2,3,7,8-TCDF	0.000064 Y	NA	ND(0.00000021)	NA	0.0000016 Y
TCDFs (total)	0.00091	NA	ND(0.00000045)	NA	0.000013
1,2,3,7,8-PeCDF	0.00012	NA	ND(0.000000095)	NA	ND(0.00000084)
2,3,4,7,8-PeCDF	0.00030	NA	ND(0.00000012)	NA	ND(0.0000012)
PeCDFs (total)	0.0026	NA	ND(0.00000041)	NA	0.0000093
1,2,3,4,7,8-HxCDF	0.0012	NA	ND(0.00000024)	NA	ND(0.0000029)
1,2,3,6,7,8-HxCDF	0.00066	NA	ND(0.00000015)	NA	ND(0.0000023)
1,2,3,7,8,9-HxCDF	0.000014	NA	ND(0.000000063)	NA	ND(0.000000086)
2,3,4,6,7,8-HxCDF	0.00013	NA	ND(0.000000064)	NA	ND(0.00000057)
HxCDFs (total)	0.0038	NA	ND(0.00000024)	NA	0.000010
1,2,3,4,6,7,8-HpCDF	0.000045	NA	ND(0.00000022)	NA	ND(0.0000032)
1,2,3,4,7,8,9-HpCDF	0.00035	NA	ND(0.000000085)	NA	ND(0.0000010)
HpCDFs (total)	0.0012	NA	ND(0.00000022)	NA	ND(0.0000032)
OCDF	0.00054	NA	ND(0.00000064)	NA	ND(0.0000040)
Dioxins					
2,3,7,8-TCDD	ND(0.00000039)	NA	ND(0.00000014)	NA	ND(0.00000013)
TCDDs (total)	0.0000039	NA	ND(0.00000014)	NA	ND(0.00000035)
1,2,3,7,8-PeCDD	ND(0.0000010)	NA	ND(0.0000012)	NA	ND(0.00000018)
PeCDDs (total)	ND(0.000017)	NA	ND(0.0000012)	NA	ND(0.00000067)
1,2,3,4,7,8-HxCDD	ND(0.0000020)	NA	ND(0.00000019)	NA	ND(0.00000018)
1,2,3,6,7,8-HxCDD	ND(0.0000020)	NA	ND(0.00000014)	NA	ND(0.00000026)
1,2,3,7,8,9-HxCDD	0.0000039 J	NA	ND(0.00000015)	NA	ND(0.00000021)
HxCDDs (total)	0.000023	NA	ND(0.00000019)	NA	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	0.000012	NA	ND(0.00000034)	NA	ND(0.0000015)
HpCDDs (total)	0.000020	NA	ND(0.00000034)	NA	ND(0.0000015)
OCDD	0.000023	NA	ND(0.0000030)	NA	0.0000085
Total TEQs (WHO TEFs)	0.00037	NA	0.00000077	NA	0.00000099

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-09 LSSC-09-CS1015 10-15 12/16/98	LSSC-09 LSSC-09-SS08 12-14 12/16/98	LSSC-10 LSSC-10-CS1015 10-15 12/23/98	LSSC-10 LSSC-10-SS09 14-15 12/23/98	LSSC-11 LSSC-11-CS1015 10-15 12/29/98
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	0.230 B	NA	0.220 B	NA	0.290 B
Arsenic	2.10	NA	6.70	NA	2.40
Barium	40.5	NA	12.0 B	NA	34.6
Beryllium	0.340 B	NA	0.150 B	NA	0.300 B
Cadmium	0.170 B	NA	0.290 B	NA	0.230 B
Calcium	NA	NA	NA	NA	NA
Chromium	9.60	NA	12.3	NA	10.9
Cobalt	8.80	NA	19.7	NA	8.40
Copper	28.4	NA	36.6	NA	12.3
Cyanide	ND(3.60)	NA	ND(2.90)	NA	ND(3.30)
Iron	NA	NA	NA	NA	NA
Lead	10.6	NA	11.9	NA	12.6
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	0.0170 B	NA	ND(0.120)	NA	0.0770 B
Nickel	13.2	NA	28.7	NA	11.6
Potassium	NA	NA	NA	NA	NA
Selenium	0.400 B	NA	ND(0.580)	NA	ND(0.660)
Silver	ND(1.50)	NA	ND(1.20)	NA	ND(1.30)
Sodium	NA	NA	NA	NA	NA
Sulfide	342	NA	ND(231)	NA	ND(262)
Thallium	ND(1.50)	NA	ND(1.20)	NA	ND(1.30)
Tin	ND(14.6)	NA	ND(11.5)	NA	ND(13.1)
Vanadium	10.3	NA	8.70	NA	10.2
Zinc	59.9	NA	81.6	NA	52.1

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99	LSSC-17 LSSC-17-SS07 10-12 03/05/99
Volatile Organics					
1,1,2-Trichloroethane	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
2-Butanone	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)	ND(0.036)
2-Chloroethylvinylether	ND(0.057)	ND(0.052)	ND(0.044)	ND(0.070)	ND(0.090)
4-Methyl-2-pentanone	ND(0.023)	ND(0.021)	ND(0.018)	ND(0.028)	ND(0.036)
Acetone	ND(0.023)	0.0075 J	ND(0.018)	ND(0.028)	ND(0.036)
Acetonitrile	ND(0.11)	ND(0.10)	ND(0.089)	ND(0.14)	ND(0.18)
Benzene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Chlorobenzene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Chloroform	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
cis-1,2-Dichloroethene	ND(0.0028)	ND(0.0026)	ND(0.0022)	ND(0.0035)	ND(0.0045)
Ethylbenzene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Methylene Chloride	0.0014 J	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Tetrachloroethene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Toluene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Trichloroethene	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Xylenes (total)	ND(0.0057)	ND(0.0052)	ND(0.0044)	ND(0.0070)	ND(0.0090)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.40)	NA	ND(0.46)	NA
1,2,4-Trichlorobenzene	NA	ND(0.40)	NA	ND(0.46)	NA
1,2-Dichlorobenzene	NA	ND(0.40)	NA	ND(0.46)	NA
1,3-Dichlorobenzene	NA	ND(0.40)	NA	ND(0.46)	NA
1,4-Dichlorobenzene	NA	ND(0.40)	NA	ND(0.46)	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.40)	NA	ND(0.46)	NA
2,4-Dimethylphenol	NA	ND(0.40)	NA	ND(0.46)	NA
2-Methylnaphthalene	NA	ND(0.40)	NA	ND(0.46)	NA
3&4-Methylphenol	NA	ND(0.40)	NA	ND(0.46)	NA
3,3'-Dichlorobenzidine	NA	ND(1.9)	NA	ND(2.2)	NA
4-Aminobiphenyl	NA	ND(1.9)	NA	ND(2.2)	NA
Acenaphthene	NA	ND(0.40)	NA	ND(0.46)	NA
Acenaphthylene	NA	ND(0.40)	NA	ND(0.46)	NA
Aniline	NA	ND(0.40)	NA	ND(0.46)	NA
Anthracene	NA	ND(0.40)	NA	ND(0.46)	NA
Benzidine	NA	ND(4.0)	NA	ND(4.6)	NA
Benzo(a)anthracene	NA	ND(0.40)	NA	ND(0.46)	NA
Benzo(a)pyrene	NA	ND(0.40)	NA	0.39 J	NA
Benzo(b)fluoranthene	NA	ND(0.40)	NA	ND(0.46)	NA
Benzo(g,h,i)perylene	NA	ND(0.40)	NA	ND(0.46)	NA
Benzo(k)fluoranthene	NA	ND(0.40)	NA	ND(0.46)	NA
Benzoic Acid	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	ND(0.40)	NA	ND(0.46)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.40)	NA	ND(0.46)	NA
Butylbenzylphthalate	NA	ND(0.40)	NA	ND(0.46)	NA
Chrysene	NA	ND(0.40)	NA	ND(0.46)	NA
Dibenzo(a,h)anthracene	NA	ND(0.40)	NA	ND(0.46)	NA
Dibenzofuran	NA	ND(0.40)	NA	ND(0.46)	NA
Di-n-Butylphthalate	NA	ND(0.40)	NA	ND(0.46)	NA
Di-n-Octylphthalate	NA	ND(0.40)	NA	ND(0.46)	NA
Fluoranthene	NA	ND(0.40)	NA	ND(0.46)	NA
Fluorene	NA	ND(0.16)	NA	ND(0.18)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.40)	NA	ND(0.46)	NA
Naphthalene	NA	ND(0.40)	NA	ND(0.46)	NA
N-Nitrosodiphenylamine	NA	ND(0.40)	NA	ND(0.46)	NA
Pentachlorophenol	NA	ND(1.9)	NA	ND(2.2)	NA
Phenanthrene	NA	ND(0.40)	NA	ND(0.46)	NA
Phenol	NA	ND(0.40)	NA	ND(0.46)	NA
Pyrene	NA	ND(0.40)	NA	ND(0.46)	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99	LSSC-17 LSSC-17-SS07 10-12 03/05/99
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	NA	ND(0.80)	NA	ND(0.93)	NA
Furans					
2,3,7,8-TCDF	NA	ND(0.00000094)	NA	ND(0.00000023)	NA
TCDFs (total)	NA	ND(0.00000094)	NA	ND(0.00000023)	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000093)	NA	ND(0.00000023)	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000088)	NA	ND(0.00000022)	NA
PeCDFs (total)	NA	ND(0.00000093)	NA	ND(0.00000023)	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000011)	NA	ND(0.00000042)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000012)	NA	ND(0.00000042)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000011)	NA	ND(0.00000041)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000012)	NA	ND(0.00000045)	NA
HxCDFs (total)	NA	ND(0.0000012)	NA	ND(0.00000045)	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000010 J	NA	ND(0.00000038)	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000023)	NA	ND(0.00000039)	NA
HpCDFs (total)	NA	0.000016 J	NA	ND(0.00000039)	NA
OCDF	NA	0.000015 J	NA	ND(0.00000043)	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000074)	NA	ND(0.00000013)	NA
TCDDs (total)	NA	ND(0.00000074)	NA	ND(0.00000013)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000011)	NA	ND(0.00000041)	NA
PeCDDs (total)	NA	ND(0.0000011)	NA	ND(0.00000041)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000014)	NA	ND(0.00000049)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000016)	NA	ND(0.00000058)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000015)	NA	ND(0.00000053)	NA
HxCDDs (total)	NA	ND(0.0000016)	NA	ND(0.00000058)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000018 J	NA	ND(0.00000039)	NA
HpCDDs (total)	NA	0.000031	NA	ND(0.00000039)	NA
OCDD	NA	0.00013	NA	0.0000060 J	NA
Total TEQs (WHO TEFs)	NA	0.0000020	NA	0.00000052	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-11 LSSC-11-SS08 12-14 12/29/98	LSSC-16 LSSC-16-CS1015 10-15 03/03/99	LSSC-16 LSSC-16-SS08 12-14 03/03/99	LSSC-17 LSSC-17-CS1015 10-15 03/05/99	LSSC-17 LSSC-17-SS07 10-12 03/05/99
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	NA	ND(1.20)	NA	ND(1.40)	NA
Arsenic	NA	2.00	NA	2.20	NA
Barium	NA	11.1 B	NA	28.9	NA
Beryllium	NA	0.140 B	NA	0.250 B	NA
Cadmium	NA	0.0770 B	NA	0.170 B	NA
Calcium	NA	NA	NA	NA	NA
Chromium	NA	7.40	NA	9.30	NA
Cobalt	NA	6.10	NA	7.30	NA
Copper	NA	6.90	NA	10.1	NA
Cyanide	NA	ND(3.00)	NA	ND(3.50)	NA
Iron	NA	NA	NA	NA	NA
Lead	NA	4.50	NA	7.70	NA
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	NA	ND(0.120)	NA	0.0160 B	NA
Nickel	NA	9.80	NA	12.3	NA
Potassium	NA	NA	NA	NA	NA
Selenium	NA	0.410 B	NA	0.330 B	NA
Silver	NA	ND(1.20)	NA	ND(1.40)	NA
Sodium	NA	NA	NA	NA	NA
Sulfide	NA	ND(60.3)	NA	157	NA
Thallium	NA	0.840 B	NA	0.740 B	NA
Tin	NA	3.40 B	NA	ND(14.0)	NA
Vanadium	NA	5.90 B	NA	8.10	NA
Zinc	NA	34.6	NA	47.7	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-18 LSSC-18-CS1015 10-15 03/29/99	LSSC-18 LSSC-18-SS08 12-14 03/29/99	LSSC-19 LSSC-19-CS1015 10-15 03/30/99	LSSC-19 LSSC-19-SS07 10-12 03/29/99	LSSC-31 LSSC-31-CS0610 6-10 07/28/99
Volatile Organics					
1,1,2-Trichloroethane	NA	ND(0.0077)	NA	ND(0.0057)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
2-Butanone	NA	ND(0.15)	NA	ND(0.11)	NA
2-Chloroethylvinylether	NA	ND(0.0077)	NA	ND(0.0057)	NA
4-Methyl-2-pentanone	NA	ND(0.015)	NA	ND(0.011)	NA
Acetone	NA	11 J	NA	ND(0.11)	NA
Acetonitrile	NA	ND(0.15)	NA	ND(0.11)	NA
Benzene	NA	ND(0.0077)	NA	ND(0.0057)	NA
Chlorobenzene	NA	ND(0.0077)	NA	ND(0.0057)	NA
Chloroform	NA	ND(0.0077)	NA	ND(0.0057)	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
Ethylbenzene	NA	ND(0.0077)	NA	ND(0.0057)	NA
Methylene Chloride	NA	ND(0.0077)	NA	ND(0.0057)	NA
Tetrachloroethene	NA	ND(0.0077)	NA	0.015	NA
Toluene	NA	ND(0.0077)	NA	ND(0.0057)	NA
Trichloroethene	NA	ND(0.0077)	NA	0.22	NA
Xylenes (total)	NA	ND(0.0077)	NA	ND(0.0057)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,2,4-Trichlorobenzene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,2-Dichlorobenzene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,3-Dichlorobenzene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1,4-Dichlorobenzene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
1-Methylnaphthalene	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2,4-Dimethylphenol	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
2-Methylnaphthalene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
3&4-Methylphenol	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
3,3'-Dichlorobenzidine	ND(3.8)	NA	ND(3.4)	NA	ND(12)
4-Aminobiphenyl	ND(1.5)	NA	ND(1.4)	NA	ND(12)
Acenaphthene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Acenaphthylene	ND(0.75)	NA	ND(0.67)	NA	2.5
Aniline	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Anthracene	ND(0.75)	NA	ND(0.67)	NA	1.1 J
Benzidine	ND(1.5)	NA	ND(1.4)	NA	ND(25)
Benzo(a)anthracene	ND(0.75)	NA	ND(0.67)	NA	6.2
Benzo(a)pyrene	ND(0.75)	NA	ND(0.67)	NA	10
Benzo(b)fluoranthene	ND(0.75)	NA	ND(0.67)	NA	5.1
Benzo(g,h,i)perylene	ND(0.75)	NA	ND(0.67)	NA	4.8
Benzo(k)fluoranthene	ND(0.75)	NA	ND(0.67)	NA	5.1
Benzoic Acid	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
bis(2-Ethylhexyl)phthalate	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Butylbenzylphthalate	ND(1.5)	NA	ND(1.4)	NA	ND(2.5)
Chrysene	ND(0.75)	NA	ND(0.67)	NA	7.2
Dibenzo(a,h)anthracene	ND(1.5)	NA	ND(1.4)	NA	1.4 J
Dibenzofuran	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Di-n-Butylphthalate	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Di-n-Octylphthalate	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Fluoranthene	ND(0.75)	NA	ND(0.67)	NA	8.5
Fluorene	ND(0.75)	NA	ND(0.67)	NA	ND(0.97)
Indeno(1,2,3-cd)pyrene	ND(1.5)	NA	ND(1.4)	NA	4.3
Naphthalene	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
N-Nitrosodiphenylamine	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Pentachlorophenol	ND(3.8)	NA	ND(3.4)	NA	ND(12)
Phenanthrene	ND(0.75)	NA	ND(0.67)	NA	4.8
Phenol	ND(0.75)	NA	ND(0.67)	NA	ND(2.5)
Pyrene	ND(0.75)	NA	ND(0.67)	NA	14

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-18 LSSC-18-CS1015 10-15 03/29/99	LSSC-18 LSSC-18-SS08 12-14 03/29/99	LSSC-19 LSSC-19-CS1015 10-15 03/30/99	LSSC-19 LSSC-19-SS07 10-12 03/29/99	LSSC-31 LSSC-31-CS0610 6-10 07/28/99
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Herbicides					
2,4,5-TP	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	ND(4.9)
Furans					
2,3,7,8-TCDF	0.0000043	NA	0.000064	NA	0.000035 Y
TCDFs (total)	0.0000072	NA	0.00066	NA	0.00030
1,2,3,7,8-PeCDF	ND(0.0000024)	NA	0.000055	NA	0.000015
2,3,4,7,8-PeCDF	ND(0.0000023)	NA	0.00021	NA	0.000016
PeCDFs (total)	ND(0.0000024)	NA	0.0024	NA	0.00015
1,2,3,4,7,8-HxCDF	ND(0.0000022)	NA	0.0014	NA	0.000025
1,2,3,6,7,8-HxCDF	ND(0.0000023)	NA	0.00050	NA	0.000017
1,2,3,7,8,9-HxCDF	ND(0.0000022)	NA	ND(0.0000017)	NA	ND(0.0000011)
2,3,4,6,7,8-HxCDF	ND(0.0000024)	NA	0.00033	NA	0.0000067 J
HxCDFs (total)	ND(0.0000024)	NA	0.0041 E	NA	0.00011
1,2,3,4,6,7,8-HpCDF	ND(0.0000095)	NA	0.00055	NA	0.000037
1,2,3,4,7,8,9-HpCDF	ND(0.0000097)	NA	0.00043	NA	0.0000079
HpCDFs (total)	ND(0.0000097)	NA	0.0016	NA	0.000059
OCDF	ND(0.0000039)	NA	0.00067	NA	0.000041
Dioxins					
2,3,7,8-TCDD	ND(0.0000013)	NA	ND(0.0000011)	NA	ND(0.00000055)
TCDDs (total)	ND(0.0000013)	NA	0.000096	NA	0.0000094
1,2,3,7,8-PeCDD	ND(0.0000085)	NA	ND(0.0000050)	NA	ND(0.0000017)
PeCDDs (total)	ND(0.0000085)	NA	0.000061	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDD	ND(0.0000022)	NA	0.0000071 J	NA	ND(0.00000073)
1,2,3,6,7,8-HxCDD	ND(0.0000026)	NA	0.000013	NA	ND(0.0000012)
1,2,3,7,8,9-HxCDD	ND(0.0000024)	NA	0.000011	NA	ND(0.0000015)
HxCDDs (total)	ND(0.0000026)	NA	0.00014	NA	ND(0.0000052)
1,2,3,4,6,7,8-HpCDD	ND(0.0000099)	NA	0.000042	NA	0.0000064 J
HpCDDs (total)	ND(0.0000099)	NA	0.00011	NA	0.000012
OCDD	ND(0.0000061)	NA	0.00010	NA	0.000020
Total TEQs (WHO TEFs)	0.0000069	NA	0.00035	NA	0.000019

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-18 LSSC-18-CS1015 10-15 03/29/99	LSSC-18 LSSC-18-SS08 12-14 03/29/99	LSSC-19 LSSC-19-CS1015 10-15 03/30/99	LSSC-19 LSSC-19-SS07 10-12 03/29/99	LSSC-31 LSSC-31-CS0610 6-10 07/28/99
Inorganics					
Aluminum	6600	NA	8750	NA	NA
Antimony	ND(15.0)	NA	ND(11.1)	NA	0.780 B
Arsenic	25.4	NA	3.40	NA	5.90
Barium	88.3	NA	4.30	NA	64.7
Beryllium	ND(1.50)	NA	ND(1.10)	NA	0.410 B
Cadmium	ND(1.50)	NA	ND(1.10)	NA	0.730 B
Calcium	5940	NA	1510	NA	NA
Chromium	18.6	NA	9.90	NA	45.1
Cobalt	ND(15.0)	NA	ND(11.1)	NA	11.0
Copper	72.5	NA	28.2	NA	98.8
Cyanide	ND(1.50)	NA	ND(1.10)	NA	ND(3.70)
Iron	25600	NA	21000	NA	NA
Lead	ND(30.1)	NA	ND(22.2)	NA	137
Magnesium	3590	NA	4260	NA	NA
Manganese	245	NA	540	NA	NA
Mercury	0.170	NA	ND(0.220)	NA	0.530
Nickel	17.3	NA	18.5	NA	19.1
Potassium	841	NA	136	NA	NA
Selenium	ND(1.50)	NA	ND(1.10)	NA	1.10
Silver	ND(3.00)	NA	ND(2.20)	NA	0.270 B
Sodium	ND(301)	NA	ND(222)	NA	NA
Sulfide	298	NA	144	NA	117
Thallium	ND(3.00)	NA	ND(2.20)	NA	0.560 B
Tin	NA	NA	NA	NA	13.3 B
Vanadium	20.0	NA	ND(11.1)	NA	13.4
Zinc	42.1	NA	74.3	NA	239

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-31 / LSSC-31-SS04 / 5-6 / 07/28/99
Volatile Organics	
1,1,2-Trichloroethane	ND(0.0050)
1,2-Dichloroethene (total)	NA
2-Butanone	ND(0.020)
2-Chloroethylvinylether	ND(0.050)
4-Methyl-2-pentanone	ND(0.020)
Acetone	0.045
Acetonitrile	ND(0.10)
Benzene	ND(0.0050)
Chlorobenzene	ND(0.0050)
Chloroform	ND(0.0050)
cis-1,2-Dichloroethene	ND(0.0025)
Ethylbenzene	ND(0.0050)
Methylene Chloride	ND(0.0050)
Tetrachloroethene	ND(0.0050)
Toluene	ND(0.0050)
Trichloroethene	ND(0.0050)
Xylenes (total)	ND(0.0050)
Semivolatile Organics	
1,2,4,5-Tetrachlorobenzene	NA
1,2,4-Trichlorobenzene	NA
1,2-Dichlorobenzene	NA
1,3-Dichlorobenzene	NA
1,4-Dichlorobenzene	NA
1-Methylnaphthalene	NA
2,3,4,6-Tetrachlorophenol	NA
2,4-Dimethylphenol	NA
2-Methylnaphthalene	NA
3&4-Methylphenol	NA
3,3'-Dichlorobenzidine	NA
4-Aminobiphenyl	NA
Acenaphthene	NA
Acenaphthylene	NA
Aniline	NA
Anthracene	NA
Benzidine	NA
Benzo(a)anthracene	NA
Benzo(a)pyrene	NA
Benzo(b)fluoranthene	NA
Benzo(g,h,i)perylene	NA
Benzo(k)fluoranthene	NA
Benzoic Acid	NA
bis(2-Chloroethyl)ether	NA
bis(2-Ethylhexyl)phthalate	NA
Butylbenzylphthalate	NA
Chrysene	NA
Dibenzo(a,h)anthracene	NA
Dibenzofuran	NA
Di-n-Butylphthalate	NA
Di-n-Octylphthalate	NA
Fluoranthene	NA
Fluorene	NA
Indeno(1,2,3-cd)pyrene	NA
Naphthalene	NA
N-Nitrosodiphenylamine	NA
Pentachlorophenol	NA
Phenanthrene	NA
Phenol	NA
Pyrene	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	LSSC-31 / LSSC-31-SS04 / 5-6 / 07/28/99
Organochlorine Pesticides	
4,4'-DDD	NA
4,4'-DDE	NA
4,4'-DDT	NA
Aldrin	NA
Beta-BHC	NA
Dieldrin	NA
Endosulfan I	NA
Endosulfan II	NA
Endrin	NA
Endrin Aldehyde	NA
Gamma-BHC (Lindane)	NA
Heptachlor Epoxide	NA
Organophosphate Pesticides	
Dimethoate	NA
Herbicides	
2,4,5-TP	NA
Dinoseb	NA
Furans	
2,3,7,8-TCDF	NA
TCDFs (total)	NA
1,2,3,7,8-PeCDF	NA
2,3,4,7,8-PeCDF	NA
PeCDFs (total)	NA
1,2,3,4,7,8-HxCDF	NA
1,2,3,6,7,8-HxCDF	NA
1,2,3,7,8,9-HxCDF	NA
2,3,4,6,7,8-HxCDF	NA
HxCDFs (total)	NA
1,2,3,4,6,7,8-HpCDF	NA
1,2,3,4,7,8,9-HpCDF	NA
HpCDFs (total)	NA
OCDF	NA
Dioxins	
2,3,7,8-TCDD	NA
TCDDs (total)	NA
1,2,3,7,8-PeCDD	NA
PeCDDs (total)	NA
1,2,3,4,7,8-HxCDD	NA
1,2,3,6,7,8-HxCDD	NA
1,2,3,7,8,9-HxCDD	NA
HxCDDs (total)	NA
1,2,3,4,6,7,8-HpCDD	NA
HpCDDs (total)	NA
OCDD	NA
Total TEQs (WHO TEFs)	NA

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	
	Location ID:	LSSC-31
	Sample ID:	LSSC-31-SS04
	Sample Depth(Feet):	5-6
Parameter	Date Collected:	07/28/99
Inorganics		
Aluminum		NA
Antimony		NA
Arsenic		NA
Barium		NA
Beryllium		NA
Cadmium		NA
Calcium		NA
Chromium		NA
Cobalt		NA
Copper		NA
Cyanide		NA
Iron		NA
Lead		NA
Magnesium		NA
Manganese		NA
Mercury		NA
Nickel		NA
Potassium		NA
Selenium		NA
Silver		NA
Sodium		NA
Sulfide		NA
Thallium		NA
Tin		NA
Vanadium		NA
Zinc		NA

Notes:
1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
2. Field duplicate sample results are presented in brackets.
3. Only those constituents detected in one or more samples are sumarized.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. NA - Not Analyzed - Laboratory did not report results for this analyte.
6. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
7. NC - Not Calculated - Insufficient data to calculate TEQ.
8. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

B - Analyte was also detected in the associated method blank.
D - Compound quantitated using a secondary dilution.
E - Analyte exceeded calibration range.
J - Indicates that the associated numerical value is an estimated concentration.
X - Estimated Maximum Possible Concentration
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
Z - Co eluting isomers could not be chromatographically resolved in the sample.
P - Greater than 25% difference between primary and confirmation collumn.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
N - Indicates sample matrix spike analysis was outside control limits.
E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
* - Indicates laboratory duplicate analysis was outside control limits.

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BH000555	LS-BH000555-0-0000	0-1	1/31/2002	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	9.4	24	33.4
	LS-BH000555-0-0010	1-3	1/31/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	11	0.67	11.7
	LS-BH000555-0-0030	3-6	1/31/2002	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	5.9	1.1	7.0
	LS-BH000555-0-0060	6-10	1/31/2002	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.067	0.12	0.187
	LS-BH000555-0-0100	10-15	1/31/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.088	0.026 J	0.114 J
BH000557	OB-BH000557-0-0000	0-1	2/6/2002	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	0.63 J	1.2	1.83 J
	OB-BH000557-0-0010	1-3	2/6/2002	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	5.9	11	16.9
	OB-BH000557-0-0030	3-6	2/6/2002	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	ND(1.7)	51	4.0	55
	OB-BH000557-0-0060	6-10	2/6/2002	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	12	1.2	13.2
	OB-BH000557-0-0100	10-15	2/6/2002	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.86	0.097	0.957
BH000559	OB-BH000559-0-0000	0-1	1/25/2002	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	24	24	48
	OB-BH000559-0-0010	1-3	1/25/2002	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	21	47	68
	OB-BH000559-0-0030	3-6	1/25/2002	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	15	32	47
	OB-BH000559-0-0060	6-10	1/25/2002	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	1.8 J	3.6 J	5.4 J
	OB-BH000559-0-0100	10-15	1/25/2002	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.31 J	0.31 J
	OB-BH000559-1-0060	6-10	1/25/2002	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	2.5 J	4.7 J	7.2 J
BH000773	LS-BH000773-0-0000	0-1	7/16/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.056	ND(0.018)	0.056
	LS-BH000773-0-0010	1-3	7/16/2002	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	27	ND(3.6)	27
	LS-BH000773-0-0030	3-6	7/16/2002	ND(55) [ND(190)]	ND(55) [ND(190)]	ND(55) [ND(190)]	ND(55) [ND(190)]	ND(55) [ND(190)]	530 J [920 J]	80 J [ND(190)]	610 J [920 J]
	LS-BH000773-0-0060	6-15	7/16/2002	ND(410)	ND(410)	ND(410)	ND(410)	ND(410)	3500	ND(410)	3500
BH000774	LS-BH000774-0-0000	0-1	7/16/2002	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	17	9.1	26
	LS-BH000774-0-0010	1-3	7/16/2002	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.5)	36	ND(5.5)	36
	LS-BH000774-0-0030	3-6	7/16/2002	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	1.2	ND(0.17)	1.2
	LS-BH000774-0-0060	6-15	7/16/2002	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.91	0.47	1.4
OT000011	H2-OT000011-0-0000	0-0.5	10/2/2000	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)	0.21 J	0.11	0.32 J
OT000012	H2-OT000012-0-0000	0-0.5	10/2/2000	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	1.0 J	0.50	1.5 J
OT000013	H2-OT000013-0-0000	0-0.5	10/2/2000	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.28 J	0.39	0.67 J
SL0169	081898BT08	0-0.5	8/18/1998	NA	NA	NA	NA	ND(0.086) J	0.38 J	0.61 J	0.99 J
	081898BT09	1-1.5	8/18/1998	NA	NA	NA	NA	ND(1.7)	17	7.7 J	24.7 J
	081898BT10	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.88)	3.9	2.5 J	6.4 J
SL0172	081898BT15	0-0.5	8/18/1998	NA	NA	NA	NA	ND(0.17)	0.63	1.4	2.03
	081898BT16	1-1.5	8/18/1998	NA	NA	NA	NA	ND(7.1)	53	33 J	86 J
	081898BT17	2-2.5	8/18/1998	NA	NA	NA	NA	ND(1.7)	12	14 J	26 J
SL0177	081898BT23	0-0.5	8/18/1998	NA	NA	NA	NA	ND(2.0)	16	4.2 J	20.2 J
	081898BT24	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.74)	2.2	ND(0.74)	2.2
SL0180	081898CT08	0-0.5	8/18/1998	NA	NA	NA	NA	ND(0.52)	1.5	1.0 J	2.5 J
	081898CT09	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.17)	0.80	0.59 J	1.39 J
	081898CT10	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.17)	0.58	0.35 J	0.93 J
SL0184	081898CT18	0-0.5	8/18/1998	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	8.4 J	3.7	12.1 J
	081898CT19	1-1.5	8/18/1998	NA	NA	NA	NA	ND(17)	240	40 J	280 J
	081898CT20	2-2.5	8/18/1998	NA	NA	NA	NA	ND(35)	290	ND(35)	290
SL0186	081898CT27	0-0.5	8/18/1998	NA	NA	NA	NA	ND(1.9)	4.7	15	19.7
	081898CT28	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.19)	0.22	0.82	1.04
	081898CT29	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.094)	0.099	0.44	0.539
SL0187	081898CT37	0-0.5	8/18/1998	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	14	14
	081898CT38	1-1.5	8/18/1998	NA	NA	NA	NA	ND(0.020)	0.038	0.28	0.318
	081898CT39	2-2.5	8/18/1998	NA	NA	NA	NA	ND(0.39)	ND(0.39)	2.4	2.4

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SL0231	082198BT07	0-0.5	8/21/1998	NA	NA	NA	NA	ND(0.084)	0.29 J	0.79	1.08 J
	082198BT08	1-1.5	8/21/1998	NA	NA	NA	NA	ND(1.7)	18	8.1 J	26.1 J
	082198BT09	2-2.5	8/21/1998	NA	NA	NA	NA	ND(1.7)	19	9.8	28.8
SL0234	082198BT17	0-0.5	8/21/1998	NA	NA	NA	NA	ND(0.085)	0.47	0.52	0.99
	082198BT18	1-1.5	8/21/1998	NA	NA	NA	NA	ND(17)	240	64	304
SL0237	082498MS09	0-0.5	8/24/1998	NA	NA	NA	NA	ND(0.88)	6.7	2.5 J	9.2 J
	082498MS10	1-1.5	8/24/1998	NA	NA	NA	NA	ND(0.35)	2.7	1.1 J	3.8 J
	082498MS11	2-2.5	8/24/1998	NA	NA	NA	NA	ND(0.35)	1.2	0.45 J	1.65 J
SL0240	082498MS18	0-0.5	8/24/1998	NA	NA	NA	NA	ND(0.35)	1.4	0.80 J	2.2 J
	082498MS19	1-1.5	8/24/1998	NA	NA	NA	NA	ND(0.34)	1.0	ND(0.34)	1.0
	082498MS20	2-2.5	8/24/1998	NA	NA	NA	NA	ND(0.53)	1.6	0.78 J	2.38 J
SL0243	082498MS28	0-0.5	8/24/1998	NA	NA	NA	NA	ND(4.8)	17	13 J	30 J
	082498MS29	1-1.5	8/24/1998	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	5.4	2.2 J	7.6 J
	082498MS30	2-2.5	8/24/1998	NA	NA	NA	NA	ND(1.8)	4.8	2.2 J	7.0 J
SL0246	082598MS07	0-0.5	8/25/1998	NA	NA	NA	NA	ND(18)	ND(18)	180	180
	082598MS08	1-1.5	8/25/1998	NA	NA	NA	NA	ND(9.0)	ND(9.0)	84	84
	082598MS09	2-2.5	8/25/1998	NA	NA	NA	NA	ND(1.8)	ND(1.8)	18	18
RAA12-L-26	LS-BH000788-0-0030	3-6	8/12/2002	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	8.9 J	3.9	13 J
RAA12-L24	LS-BH000789-0-0060	6-8	8/13/2002	ND(9800)	ND(9800)	ND(9800)	ND(9800)	ND(9800)	88000	ND(9800)	88000
RAA12-Z3	LS-BH000791-0-0000	0-1	8/15/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.12 J	0.27 J	0.39 J
RAA12-Y4	LS-BH000808-0-0010	1-3	8/21/2002	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	ND(0.61)	5.2	2.8 J	8.0 J
RB010661	H2-RB010661-0-0000	0-0.5	11/24/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	2.4 J	2.4 J
	H2-RB010661-0-0010	1-1.5	11/24/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	2.1	2.13
	H2-RB010661-0-0020	2-2.5	11/24/1998	NA	NA	NA	NA	ND(0.51)	ND(0.51)	1.3	1.34
RB010681	H2-RB010681-0-0000	0-0.5	11/24/1998	NA	NA	NA	NA	ND(0.69)	ND(0.69)	2.2	2.19
	H2-RB010681-0-0010	1-1.5	11/24/1998	NA	NA	NA	NA	ND(0.81)	ND(0.81)	7.5	7.52
	H2-RB010681-0-0020	2-2.5	11/24/1998	NA	NA	NA	NA	ND(0.58)	ND(0.58)	15 J	14.8 J
RB010703	H2-RB010703-0-0000	0-0.5	11/24/1998	NA	NA	NA	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)
	H2-RB010703-0-0010	1-1.5	11/24/1998	NA	NA	NA	NA	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)
	H2-RB010703-0-0020	2-2.5	11/24/1998	NA	NA	NA	NA	ND(0.66)	ND(0.66)	6.1	6.13
RB010721	H2-RB010721-0-0000	0-0.5	11/23/1998	NA	NA	NA	NA	ND(0.64)	ND(0.64)	2.8	2.78
	H2-RB010721-0-0010	1-1.5	11/23/1998	NA	NA	NA	NA	ND(0.61)	ND(0.61)	2.9	2.93
	H2-RB010721-0-0020	2-2.5	11/23/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	5.1	5.07
RB010741	H2-RB010741-0-0000	0-0.5	11/23/1998	NA	NA	NA	NA	ND(0.75)	ND(0.75)	9.3	9.26
	H2-RB010741-0-0010	1-1.5	11/23/1998	NA	NA	NA	NA	ND(0.66)	ND(0.66)	26 J	25.5 J
	H2-RB010741-0-0020	2-2.5	11/23/1998	NA	NA	NA	NA	ND(12) [ND(6.3)]	ND(12) [ND(6.3)]	250 J [210]	248 J [207]
RB010761	H2-RB010761-0-0000	0-0.5	11/23/1998	NA	NA	NA	NA	ND(0.60)	6.8	6.9	13.8
RB010781	H2-RB010781-0-0000	0-0.5	11/23/1998	NA	NA	NA	NA	ND(0.60)	ND(0.60)	21	20.8
	H2-RB010781-0-0010	1-1.5	11/23/1998	NA	NA	NA	NA	ND(1.3)	24	30	54
	H2-RB010781-0-0020	2-2.5	11/23/1998	NA	NA	NA	NA	ND(0.78)	ND(0.78)	9.9	9.94
RB010801	H2-RB010801-0-0000	0-0.5	11/20/1998	NA	NA	NA	NA	ND(0.64)	ND(0.64)	19 J	18.9 J
	H2-RB010801-0-0010	1-1.5	11/20/1998	NA	NA	NA	NA	ND(6.4)	ND(6.4)	62	62.4
	H2-RB010801-0-0020	2-2.5	11/20/1998	NA	NA	NA	NA	ND(0.64)	ND(0.64)	1.7	1.69
RB010821	H2-RB010821-0-0000	0-0.5	11/20/1998	NA	NA	NA	NA	ND(2.5)	ND(2.5)	44	44.4
	H2-RB010821-0-0010	1-1.5	11/20/1998	NA	NA	NA	NA	ND(0.62)	ND(0.62)	5.5	5.54
	H2-RB010821-0-0020	2-2.5	11/20/1998	NA	NA	NA	NA	ND(0.80)	ND(0.80)	0.93	0.927

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RB010841	H2-RB010841-0-0000	0-0.5	11/20/1998	NA	NA	NA	NA	ND(0.63) [ND(0.63)]	ND(0.63) [ND(0.63)]	12 J [12 J]	12.2 J [12 J]
	H2-RB010841-0-0010	1-1.5	11/20/1998	ND(3.1)	ND(3.1)	ND(3.1)	ND(3.1)	ND(3.1)	20	32	52 J
	H2-RB010841-0-0020	2-2.5	11/20/1998	NA	NA	NA	NA	ND(0.71)	ND(0.71)	1.3	1.27
RB010861	H2-RB010861-0-0000	0-0.5	11/20/1998	NA	NA	NA	NA	ND(0.66)	ND(0.66)	16 J	16.3 J
	H2-RB010861-0-0010	1-1.5	11/20/1998	NA	NA	NA	NA	ND(0.62)	ND(0.62)	12 J	11.7 J
	H2-RB010861-0-0020	2-2.5	11/20/1998	NA	NA	NA	NA	ND(0.63)	13	7.5	20.3

Notes:
1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:
J - Estimated Value.

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	BH000555	BH000555	BH000557	BH000559	BH000773
Sample ID:	LS-BH000555-0-0100	LS-BH000555-0-0120	OB-BH000557-0-0100	OB-BH000559-0-0060	LS-BH000773-0-0010
Sample Depth(Feet):	10-15	12-14	10-15	6-10	1-3
Parameter Date Collected:	01/31/02	01/31/02	02/06/02	01/25/02	07/16/02
Volatile Organics					
1,2,4-Trichlorobenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
1,2,4-Trimethylbenzene	NA	ND(0.011) J	ND(0.012)	0.22 J	NA
1,2-Dichlorobenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
1,3,5-Trimethylbenzene	NA	ND(0.011) J	ND(0.012)	0.10 J	NA
1,3-Dichlorobenzene	NA	ND(0.011) J	ND(0.012)	R	ND(0.42)
1,4-Dichlorobenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
2-Butanone	NA	0.0040 J	0.0040 J	0.012 J	R
2-Chlorotoluene	NA	ND(0.011) J	ND(0.012)	0.020 J	NA
4-Chlorotoluene	NA	ND(0.011) J	ND(0.012)	0.010 J	NA
Acetone	NA	0.021 J	0.50 J	0.98 J	R
Benzene	NA	ND(0.011) J	ND(0.012)	0.0020 J	ND(0.42)
Bromomethane	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Carbon Disulfide	NA	0.0020 J	ND(0.012)	0.0030 J	ND(0.42)
Chlorobenzene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Chloroform	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Chloromethane	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
cis-1,2-Dichloroethene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Ethylbenzene	NA	ND(0.011) J	ND(0.012)	0.056 J	1.3
Iodomethane	NA	NA	NA	NA	ND(0.42)
Isopropylbenzene	NA	ND(0.011) J	ND(0.012)	0.077 J	ND(0.42)
m&p-Xylene	NA	ND(0.011) J	ND(0.012)	0.019 J	NA
Methylene Chloride	NA	ND(0.011) J	ND(0.015)	ND(0.014) J	ND(0.42)
Naphthalene	NA	ND(0.011) J	ND(0.012)	2.2 J	ND(0.42)
n-Propylbenzene	NA	ND(0.011) J	ND(0.012)	0.032 J	NA
o-Xylene	NA	ND(0.011) J	ND(0.012)	0.024 J	ND(0.42)
p-Isopropyltoluene	NA	ND(0.011) J	ND(0.012)	0.032 J	NA
Tetrahydrofuran	NA	0.0010 J	R	R	NA
Toluene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
trans-1,2-Dichloroethene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Trichloroethene	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	6.2
Vinyl Chloride	NA	ND(0.011) J	ND(0.012)	ND(0.014) J	ND(0.42)
Xylenes (total)	NA	ND(0.011) J	ND(0.012)	0.043 J	ND(0.42)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.72)
1,2,4-Trichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
1,3-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
2,4-Dimethylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.90)	27	ND(0.72)
2-Methylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
4-Methylphenol	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
Acenaphthene	ND(0.43)	NA	ND(0.90)	36	ND(0.72)
Acenaphthylene	ND(0.43)	NA	0.30 J	2.4 J	0.16 J
Acetophenone	NA	NA	NA	NA	ND(0.72)
Aniline	NA	NA	NA	NA	ND(1.8)
Anthracene	ND(0.43)	NA	0.18 J	16	0.14 J
Benzo(a)anthracene	ND(0.43)	NA	0.52 J	16	1.6
Benzo(a)pyrene	ND(0.43)	NA	0.82 J	16	1.4
Benzo(b)fluoranthene	ND(0.43)	NA	0.45 J	6.0	2.0
Benzo(g,h,i)perylene	ND(0.43) J	NA	0.21 J	8.9	0.97
Benzo(k)fluoranthene	ND(0.43)	NA	0.46 J	10	1.2
Benzyl Alcohol	NA	NA	NA	NA	ND(0.72)
bis(2-Ethylhexyl)phthalate	ND(0.43)	NA	4.5	0.49 J	ND(0.72)
Butylbenzylphthalate	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
Chrysene	ND(0.43)	NA	0.57 J	14	1.8
Dibenzo(a,h)anthracene	ND(0.43)	NA	ND(0.90)	2.9 J	0.32 J
Dibenzofuran	ND(0.43)	NA	ND(0.90)	1.3 J	ND(0.72)
Di-n-Butylphthalate	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
Fluoranthene	0.061 J	NA	0.67 J	26	2.9
Fluorene	ND(0.43)	NA	ND(0.90)	21	0.034 J
Indeno(1,2,3-cd)pyrene	ND(0.43)	NA	0.35 J	6.8	0.85
Isophorone	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000555 LS-BH000555-0-0100 10-15 01/31/02	BH000555 LS-BH000555-0-0120 12-14 01/31/02	BH000557 OB-BH000557-0-0100 10-15 02/06/02	BH000559 OB-BH000559-0-0060 6-10 01/25/02	BH000773 LS-BH000773-0-0010 1-3 07/16/02
Semivolatile Organics (continued)					
Naphthalene	ND(0.43)	NA	ND(0.90)	33	ND(0.72)
Phenanthrene	ND(0.43)	NA	0.43 J	38	1.4
Phenol	ND(0.43)	NA	ND(0.90)	ND(4.6)	ND(0.72)
Pyrene	0.053 J	NA	0.72 J	33	3.0
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.0000010)	NA	0.0000013	0.000033	NA
TCDFs (total)	0.0000052	NA	0.000012	0.00014 J	NA
1,2,3,7,8-PeCDF	ND(0.00000039)	NA	0.0000015 J	0.000014 J	NA
2,3,4,7,8-PeCDF	ND(0.00000055)	NA	0.0000087	0.000024 J	NA
PeCDFs (total)	0.0000046	NA	0.000046	0.00019 J	NA
1,2,3,4,7,8-HxCDF	0.00000087 J	NA	0.000054	0.000041	NA
1,2,3,6,7,8-HxCDF	ND(0.00000059)	NA	0.000027	0.000016 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000013)	NA	0.0000098	0.0000080 J	NA
2,3,4,6,7,8-HxCDF	ND(0.00000030)	NA	0.000015	0.000014 J	NA
HxCDFs (total)	0.0000045	NA	0.00018	0.00020	NA
1,2,3,4,6,7,8-HpCDF	0.0000016 J	NA	0.000040	0.000066	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	0.000027	0.000018 J	NA
HpCDFs (total)	0.0000029	NA	0.00011	0.00014	NA
OCDF	ND(0.0000017)	NA	0.00011	0.000082 J	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000011)	NA	0.00000016	ND(0.0000012)	NA
TCDDs (total)	0.00000013 J	NA	0.00000037	0.0000067 J	NA
1,2,3,7,8-PeCDD	ND(0.000000097)	NA	0.00000026 J	0.0000028 J	NA
PeCDDs (total)	0.00000013 J	NA	ND(0.00000021)	0.000019 J	NA
1,2,3,4,7,8-HxCDD	ND(0.00000027)	NA	0.00000019 J	0.0000022 J	NA
1,2,3,6,7,8-HxCDD	ND(0.00000019)	NA	0.00000028 J	0.0000058 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000013)	NA	0.00000030 J	0.0000029 J	NA
HxCDDs (total)	ND(0.00000086)	NA	0.0000015	0.000014	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000017)	NA	ND(0.0000011)	0.000024 J	NA
HpCDDs (total)	ND(0.0000037)	NA	ND(0.0000019)	0.000046	NA
OCDD	ND(0.000012)	NA	ND(0.0000048)	0.00018	NA
Total TEQs (WHO TEFs)	0.00000050	NA	0.000016	0.000030	NA
Inorganics					
Antimony	ND(0.250)	NA	ND(0.250)	0.310	ND(1.30) J
Arsenic	ND(5.00)	NA	ND(5.00)	ND(5.00)	6.50
Barium	17.4	NA	19.9	22.3	36.0
Beryllium	ND(0.250)	NA	ND(0.250)	ND(0.250)	0.870
Cadmium	0.140	NA	0.180	0.260	0.330 J
Chromium	5.20	NA	8.00	21.7	5.90
Cobalt	5.10	NA	5.50	5.00	5.20 J
Copper	10.8	NA	19.2	31.5	18.0
Lead	17.2	NA	20.0 J	40.9	7.20
Mercury	0.0310	NA	0.0680	0.280	0.0460
Nickel	9.00	NA	9.90	9.20	11.3
Selenium	ND(10.0)	NA	ND(10.0)	ND(10.0)	0.530 J
Silver	ND(0.100)	NA	ND(0.100)	0.130	ND(0.160)
Sulfide	NA	NA	NA	NA	R
Thallium	ND(0.100)	NA	ND(0.100)	ND(0.100)	ND(0.640)
Tin	NA	NA	NA	NA	0.520 J
Vanadium	4.80	NA	5.80	4.90	6.50
Zinc	36.0	NA	46.2	63.2	43.6

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000773 LS-BH000773-0-0030 3-6 07/16/02	BH000774 LS-BH000774-0-0010 1-3 07/16/02	BH000774 LS-BH000774-0-0030 3-6 07/16/02	RAA12-L24 LS-BH000789-0-0060 6-8 08/13/02	RAA12-L26 LS-BH000788-0-0030 3-6 08/12/02
Volatile Organics					
1,2,4-Trichlorobenzene	8.9 J [22 J]	0.14 J	ND(0.0043)	8.5	0.061 J
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ND(2.6) [ND(1.1)]	ND(0.0047) J	ND(0.0043)	2.8	0.0033 J
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(2.6) [ND(1.1)]	0.018 J	ND(0.0043)	6.0	0.014 J
1,4-Dichlorobenzene	ND(2.6) [ND(1.1)]	0.084 J	ND(0.0043)	38	0.036 J
2-Butanone	R	R	R	R	R
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
Acetone	8.3 J [R]	0.21 J	0.034 J	ND(0.56)	0.23 J
Benzene	ND(2.6) [0.21 J]	0.0095 J	0.0046 J	0.49 J	R
Bromomethane	ND(2.6) [ND(1.1)]	R	R	ND(0.56)	0.099 J
Carbon Disulfide	ND(2.6) [ND(1.1)]	0.011 J	0.011 J	ND(0.56)	0.016 J
Chlorobenzene	ND(2.6) [ND(1.1)]	0.095 J	0.0017 J	7.7	0.017 J
Chloroform	ND(2.6) [0.25 J]	0.0012 J	R	ND(0.56)	R
Chloromethane	ND(2.6) [ND(1.1)]	R	R	ND(0.56)	0.22 J
cis-1,2-Dichloroethene	24 [15]	0.0057 J	R	28	R
Ethylbenzene	ND(2.6) [ND(1.1)]	0.019 J	ND(0.0043)	0.45 J	R
Iodomethane	ND(2.6) [ND(1.1)]	0.0062 J	R	ND(0.56)	0.035 J
Isopropylbenzene	NA	NA	NA	NA	NA
m&p-Xylene	ND(2.6) [ND(1.1)]	0.15 J	0.0016 J	2.2	R
Methylene Chloride	1.2 J [ND(1.1)]	0.0076 J	0.026 J	0.16 J	0.024 J
Naphthalene	ND(2.6) [ND(1.1)]	0.25 J	0.0024 J	0.36 J	ND(0.0017) J
n-Propylbenzene	NA	NA	NA	NA	NA
o-Xylene	ND(2.6) [ND(1.1)]	0.017 J	ND(0.0043)	0.74	R
p-Isopropyltoluene	NA	NA	NA	NA	NA
Tetrahydrofuran	NA	NA	NA	NA	NA
Toluene	ND(2.6) [ND(1.1)]	0.0054 J	0.0016 J	0.81	R
trans-1,2-Dichloroethene	ND(2.6) [ND(1.1)]	R	R	0.69	R
Trichloroethene	83 J [40 J]	0.0093 J	R	1.9	R
Vinyl Chloride	ND(2.6) [0.30 J]	0.042 J	R	0.61	R
Xylenes (total)	ND(2.6) [ND(1.1)]	0.17 J	0.0016 J	3.0	R
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	1.9 J	0.23 J
1,2,4-Trichlorobenzene	23 [20]	0.36 J	ND(4.5)	56 J	5.6
1,2-Dichlorobenzene	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	6.4	0.20 J
1,3-Dichlorobenzene	ND(4.8) [ND(3.8)]	0.030 J	ND(4.5)	12	1.5
1,4-Dichlorobenzene	0.34 J [0.33 J]	0.19 J	ND(4.5)	72 J	5.2 J
2,4-Dimethylphenol	ND(4.8) [ND(3.8)]	0.027 J	ND(4.5)	ND(3.9)	ND(1.3)
2-Methylnaphthalene	ND(4.8) [ND(3.8)]	0.23 J	0.91 J	1.1 J	ND(1.3)
2-Methylphenol	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	ND(3.9)	ND(1.3)
4-Methylphenol	ND(4.8) [ND(3.8)]	0.022 J	ND(4.5)	0.84 J	ND(1.3)
Acenaphthene	ND(4.8) [ND(3.8)]	0.17 J	2.8 J	ND(3.9)	0.10 J
Acenaphthylene	ND(4.8) [ND(3.8)]	0.025 J	ND(4.5)	ND(3.9)	ND(1.3)
Acetophenone	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	ND(3.9)	ND(1.3)
Aniline	ND(12) [ND(9.6)]	0.88 J	ND(11)	0.58 J	ND(3.3)
Anthracene	ND(4.8) [ND(3.8)]	0.18 J	4.7	ND(3.9)	0.15 J
Benzo(a)anthracene	ND(4.8) [0.18 J]	0.50	11	0.75 J	0.26 J
Benzo(a)pyrene	ND(4.8) [ND(3.8)]	0.54	9.6	0.92 J	0.22 J
Benzo(b)fluoranthene	ND(4.8) [ND(3.8)]	0.70	9.2	1.6 J	0.22 J
Benzo(g,h,i)perylene	ND(4.8) [ND(3.8)]	0.20 J	5.2	0.54 J	0.18 J
Benzo(k)fluoranthene	ND(4.8) [ND(3.8)]	0.64	7.9	1.3 J	0.28 J
Benzyl Alcohol	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	ND(3.9)	ND(1.3)
bis(2-Ethylhexyl)phthalate	ND(4.8) [ND(3.8)]	0.040 J	ND(4.5)	2.3 J	ND(1.3)
Butylbenzylphthalate	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	ND(3.9)	ND(1.3)
Chrysene	ND(4.8) [0.30 J]	0.67	12	0.84 J	0.28 J
Dibenzo(a,h)anthracene	ND(4.8) [ND(3.8)]	0.088 J	2.0 J	ND(3.9)	ND(1.3)
Dibenzofuran	ND(4.8) [ND(3.8)]	0.065 J	2.4 J	0.32 J	0.061 J
Di-n-Butylphthalate	ND(4.8) [ND(3.8)]	0.96	ND(4.5)	ND(3.9)	ND(1.3)
Fluoranthene	ND(4.8) [ND(3.8)]	1.1	25	ND(3.9)	0.65 J
Fluorene	ND(4.8) [ND(3.8)]	0.12 J	2.9 J	0.27 J	0.091 J
Indeno(1,2,3-cd)pyrene	ND(4.8) [ND(3.8)]	0.20 J	5.2	0.45 J	0.15 J
Isophorone	ND(4.8) [ND(3.8)]	ND(0.36)	ND(4.5)	ND(3.9)	ND(1.3)

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	BH000773 LS-BH000773-0-0030 3-6 07/16/02	BH000774 LS-BH000774-0-0010 1-3 07/16/02	BH000774 LS-BH000774-0-0030 3-6 07/16/02	RAA12-L24 LS-BH000789-0-0060 6-8 08/13/02	RAA12-L26 LS-BH000788-0-0030 3-6 08/12/02
Semivolatile Organics (continued)					
Naphthalene	ND(4.8) [ND(3.8)]	0.45	1.8 J	1.3 J	0.11 J
Phenanthrene	ND(4.8) [0.21 J]	0.95	30	ND(3.9)	0.66 J
Phenol	ND(4.8) [ND(3.8)]	0.56	ND(4.5)	3.7 J	ND(1.3)
Pyrene	ND(4.8) [ND(3.8)]	0.73	23	ND(3.9)	0.44 J
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	NA	NA	0.081	0.00018
TCDFs (total)	NA	NA	NA	0.71	0.0014
1,2,3,7,8-PeCDF	NA	NA	NA	0.091	0.000082
2,3,4,7,8-PeCDF	NA	NA	NA	0.16	0.00022
PeCDFs (total)	NA	NA	NA	1.3 J	0.0020 J
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.64 J	0.00016
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.26	0.00011
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.050	ND(0.000023)
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.078	0.00038
HxCDFs (total)	NA	NA	NA	1.8 J	0.0051 J
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.50	0.00039
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.095	0.000064
HpCDFs (total)	NA	NA	NA	0.72	0.0011
OCDF	NA	NA	NA	1.5 J	0.00018
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	0.00062	0.0000022
TCDDs (total)	NA	NA	NA	0.068	0.000031
1,2,3,7,8-PeCDD	NA	NA	NA	0.0030	0.0000073
PeCDDs (total)	NA	NA	NA	0.084	0.000058
1,2,3,4,7,8-HxCDD	NA	NA	NA	0.0060	0.0000051
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.011	0.000012
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.0089	0.0000076
HxCDDs (total)	NA	NA	NA	0.16	0.00014
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.14	0.00010
HpCDDs (total)	NA	NA	NA	0.19	0.00019
OCDD	NA	NA	NA	0.40	0.00039
Total TEQs (WHO TEFs)	NA	NA	NA	0.21	0.00021
Inorganics					
Antimony	ND(1.10) J [ND(0.980) J]	3.90 J	4.60 J	110	33.9
Arsenic	4.20 [3.60]	10.1	6.10	21.8	5.20
Barium	756 [958]	84.3	167	296	172
Beryllium	0.220 J [0.200 J]	0.460 J	0.930	0.350 J	ND(0.280)
Cadmium	0.440 J [0.290 J]	1.40	1.30	5.20	2.00
Chromium	12.2 [8.20]	19.8	18.1	50.7 J	14.3 J
Cobalt	3.90 J [4.50 J]	9.50	7.30	12.6	3.40 J
Copper	580 J [205 J]	154	94.4	91400 J	29000 J
Lead	11300 J [4980 J]	153	162	6540 J	1960 J
Mercury	0.180 [0.250]	0.140	ND(0.0160)	0.590	4.50
Nickel	10.5 [9.00]	26.2	8.20	646	67.9
Selenium	0.610 [0.440 J]	0.790	1.00	2.60	0.710
Silver	ND(0.140) [ND(0.160)]	0.220 J	0.380 J	37.9	5.20
Sulfide	R	11.6 J	146 J	ND(9.20)	ND(9.40) J
Thallium	ND(0.570) [ND(0.630)]	ND(0.610)	ND(0.620)	ND(0.220)	ND(0.230)
Tin	24.0 J [11.8 J]	9.40	18.6	5120 J	1250 J
Vanadium	8.50 [7.90]	24.5	28.7	10.2	9.30
Zinc	156 J [75.0 J]	260	362	6080 J	7070 J

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Y4 LS-BH000808-0-0010 1-3 08/21/02	RAA12-Z3 LS-BH000791-0-0000 0-1 08/15/02	RB010661 H2-RB010661-0-0020 2-2.5 11/24/98	RB010761 H2-RB010761-0-0000 0-0.5 11/23/98	RB010841 H2-RB010841-0-0010 1-1.5 11/20/98
Volatile Organics					
1,2,4-Trichlorobenzene	ND(0.0083) J	ND(0.0064) J	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ND(0.0083) J	ND(0.0064) J	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.0083) J	ND(0.0064) J	NA	NA	NA
1,4-Dichlorobenzene	ND(0.0083) J	ND(0.0064) J	NA	NA	NA
2-Butanone	0.0072 J	0.026 J	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
Acetone	0.11 J	0.78 J	NA	NA	NA
Benzene	0.0067 J	0.0058 J	NA	NA	NA
Bromomethane	ND(0.0083)	R	NA	NA	NA
Carbon Disulfide	ND(0.0083)	0.028 J	NA	NA	NA
Chlorobenzene	ND(0.0083)	ND(0.0064) J	NA	NA	NA
Chloroform	ND(0.0083)	R	NA	NA	NA
Chloromethane	ND(0.0083)	0.012 J	NA	NA	NA
cis-1,2-Dichloroethene	ND(0.0083)	R	NA	NA	NA
Ethylbenzene	ND(0.0083)	ND(0.0064) J	NA	NA	NA
Iodomethane	ND(0.0083)	R	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
m&p-Xylene	ND(0.0083)	ND(0.0064) J	NA	NA	NA
Methylene Chloride	ND(0.0083)	0.0081 J	NA	NA	NA
Naphthalene	ND(0.0083) J	ND(0.0064) J	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
o-Xylene	ND(0.0083)	0.0012 J	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA	NA	NA
Tetrahydrofuran	NA	NA	NA	NA	NA
Toluene	0.011 J	0.0027 J	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0083)	R	NA	NA	NA
Trichloroethene	ND(0.0083)	R	NA	NA	NA
Vinyl Chloride	ND(0.0083)	R	NA	NA	NA
Xylenes (total)	ND(0.0083)	0.0012 J	NA	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.94)	ND(1.0)	ND(0.39)	0.022 J	0.074 J
1,2-Dichlorobenzene	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)
1,3-Dichlorobenzene	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)
1,4-Dichlorobenzene	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	0.085 J
2,4-Dimethylphenol	ND(0.94)	ND(1.0)	ND(0.39) J	ND(0.40) J	ND(0.42) J
2-Methylnaphthalene	0.56 J	0.18 J	0.12 J	0.067 J	0.044 J
2-Methylphenol	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)
4-Methylphenol	0.096 J	ND(1.0)	0.022 J	ND(0.40)	ND(0.42)
Acenaphthene	ND(0.94)	ND(1.0)	0.15 J	0.042 J	0.094 J
Acenaphthylene	1.8 J	0.32 J	0.10 J	0.089 J	0.064 J
Acetophenone	ND(0.94)	ND(1.0)	0.032 J	ND(0.40)	ND(0.42)
Aniline	ND(2.4)	ND(2.6)	ND(0.98)	ND(1.0)	ND(1.0)
Anthracene	0.74 J	0.24 J	0.42 J	0.13 J	0.23 J
Benzo(a)anthracene	3.7 J	3.9	1.6	0.86	0.97
Benzo(a)pyrene	5.8 J	3.4 J	1.9 J	0.92 J	1.2 J
Benzo(b)fluoranthene	5.2	6.0	1.3 J	0.81	0.87
Benzo(g,h,i)perylene	2.0	1.2	1.9 J	0.87 J	1.2 J
Benzo(k)fluoranthene	4.3	3.6	1.6 J	0.83	1.0 J
Benzyl Alcohol	ND(0.94)	ND(1.0)	ND(0.39) J	ND(0.40) J	ND(0.42)
bis(2-Ethylhexyl)phthalate	0.56 J	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)
Butylbenzylphthalate	ND(0.94)	ND(1.0)	0.029 J	0.055 J	0.057 J
Chrysene	4.4	4.4	1.9	1.2	1.1
Dibenzo(a,h)anthracene	0.60 J	0.50 J	0.56 J	0.24 J	0.31 J
Dibenzofuran	0.13 J	0.28 J	0.11 J	0.070 J	0.049 J
Di-n-Butylphthalate	0.097 J	0.053 J	ND(0.39)	ND(0.40)	ND(0.42)
Fluoranthene	3.3	5.9	3.7	2.0	2.1
Fluorene	0.15 J	ND(1.0)	0.18 J	0.14 J	0.096 J
Indeno(1,2,3-cd)pyrene	1.8	1.3	1.7 J	0.79 J	1.0 J
Isophorone	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	ND(0.42)

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA12-Y4 LS-BH000808-0-0010 1-3 08/21/02	RAA12-Z3 LS-BH000791-0-0000 0-1 08/15/02	RB010661 H2-RB010661-0-0020 2-2.5 11/24/98	RB010761 H2-RB010761-0-0000 0-0.5 11/23/98	RB010841 H2-RB010841-0-0010 1-1.5 11/20/98
Semivolatile Organics (continued)					
Naphthalene	0.83 J	0.37 J	0.20 J	0.10 J	0.11 J
Phenanthrene	1.2 J	1.8	2.2	1.8	0.96
Phenol	ND(0.94)	ND(1.0)	ND(0.39)	ND(0.40)	0.064 J
Pyrene	3.2	3.4	3.7	1.9	2.3
Organochlorine Pesticides					
None Detected	NA	NA	--	--	--
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	NA	0.000038	0.000039	0.000039
TCDFs (total)	NA	NA	0.00048 J	0.00086 J	0.0016 J
1,2,3,7,8-PeCDF	NA	NA	0.000030	0.000021	0.000011
2,3,4,7,8-PeCDF	NA	NA	0.000046	0.000047	0.000083
PeCDFs (total)	NA	NA	0.00057 J	0.0012 J	0.0024 J
1,2,3,4,7,8-HxCDF	NA	NA	0.000074	0.000070	0.000072
1,2,3,6,7,8-HxCDF	NA	NA	0.000046	0.000027	0.00030 J
1,2,3,7,8,9-HxCDF	NA	NA	0.000012	0.000013	0.000013
2,3,4,6,7,8-HxCDF	NA	NA	0.000027	0.000032	0.000065
HxCDFs (total)	NA	NA	0.00073 J	0.00092 J	0.0017 J
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00025 J	0.00016 J	0.00078 J
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000024	0.000027	0.000037
HpCDFs (total)	NA	NA	0.00064 J	0.00035 J	0.0017 J
OCDF	NA	NA	0.00025	0.00015	0.00066 J
Dioxins					
2,3,7,8-TCDD	NA	NA	0.00000073	0.0000012	0.0000023
TCDDs (total)	NA	NA	0.000017	0.000018	0.000031
1,2,3,7,8-PeCDD	NA	NA	0.0000031	0.0000024 J	0.0000078 J
PeCDDs (total)	NA	NA	0.000032	0.000030	0.000060 J
1,2,3,4,7,8-HxCDD	NA	NA	0.0000078	0.0000034	0.000018
1,2,3,6,7,8-HxCDD	NA	NA	0.000023	0.0000076	0.000052
1,2,3,7,8,9-HxCDD	NA	NA	0.000014	0.0000048	0.000024
HxCDDs (total)	NA	NA	0.00015	0.000082	0.00047
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00049	0.000086	0.0013
HpCDDs (total)	NA	NA	0.00081	0.00016	0.0025
OCDD	NA	NA	0.0041	0.00043	0.0091
Total TEQs (WHO TEFs)	NA	NA	0.000061	0.000051	0.00013
Inorganics					
Antimony	1.30 J	2.40 J	1.30 J	1.30 J	ND(0.660) J
Arsenic	6.40	11.7	9.00	4.80	3.30
Barium	213	469	294	59.8	45.7
Beryllium	0.610	0.390 J	ND(0.0100)	0.130 J	0.280
Cadmium	1.40	3.10	0.560	0.550	ND(0.190)
Chromium	26.2	41.0	14.3	13.3	17.9 J
Cobalt	8.20	9.80	14.3	8.10	8.70
Copper	679	739	124	53.5	96.2
Lead	998	1990 J	352	223	69.5
Mercury	0.910	0.220	0.870	0.920	0.230 J
Nickel	28.4	22.1	17.6	15.2	13.9
Selenium	ND(1.20)	1.60	ND(1.10) J	ND(0.590) J	ND(0.250) J
Silver	0.990 J	ND(1.00)	ND(0.300) J	ND(0.110) J	ND(0.240)
Sulfide	ND(9.70)	10.8	ND(5.80)	ND(5.80)	ND(6.20) J
Thallium	ND(0.230)	ND(0.970)	ND(0.650)	ND(0.500)	0.560
Tin	59.2	61.8	34.0	19.2	ND(4.90)
Vanadium	25.6	24.3	16.6	12.0	14.1
Zinc	393 J	651	294	160	108

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	SL0187	SL0243
Sample ID:	081898CT37	082498MS29
Sample Depth(Feet):	0-0.5	1-1.5
Parameter Date Collected:	08/18/98	08/24/98
Volatile Organics		
1,2,4-Trichlorobenzene	NA	NA
1,2,4-Trimethylbenzene	NA	NA
1,2-Dichlorobenzene	NA	NA
1,3,5-Trimethylbenzene	NA	NA
1,3-Dichlorobenzene	NA	NA
1,4-Dichlorobenzene	NA	NA
2-Butanone	NA	NA
2-Chlorotoluene	NA	NA
4-Chlorotoluene	NA	NA
Acetone	NA	NA
Benzene	NA	NA
Bromomethane	NA	NA
Carbon Disulfide	NA	NA
Chlorobenzene	NA	NA
Chloroform	NA	NA
Chloromethane	NA	NA
cis-1,2-Dichloroethene	NA	NA
Ethylbenzene	NA	NA
Iodomethane	NA	NA
Isopropylbenzene	NA	NA
m&p-Xylene	NA	NA
Methylene Chloride	NA	NA
Naphthalene	NA	NA
n-Propylbenzene	NA	NA
o-Xylene	NA	NA
p-Isopropyltoluene	NA	NA
Tetrahydrofuran	NA	NA
Toluene	NA	NA
trans-1,2-Dichloroethene	NA	NA
Trichloroethene	NA	NA
Vinyl Chloride	NA	NA
Xylenes (total)	NA	NA
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.35)
1,2,4-Trichlorobenzene	0.043 J	ND(0.35)
1,2-Dichlorobenzene	ND(0.37)	ND(0.35) J
1,3-Dichlorobenzene	ND(0.37)	ND(0.35)
1,4-Dichlorobenzene	ND(0.37)	ND(0.35)
2,4-Dimethylphenol	0.056 J	ND(0.35) J
2-Methylnaphthalene	0.17 J	0.045 J
2-Methylphenol	0.070 J	ND(0.35) J
4-Methylphenol	ND(0.37)	0.038 J
Acenaphthene	0.17 J	ND(0.35) J
Acenaphthylene	0.19 J	0.041 J
Acetophenone	0.042 J	0.040 J
Aniline	ND(0.93)	R
Anthracene	0.72	0.035 J
Benzo(a)anthracene	2.4 J	0.13 J
Benzo(a)pyrene	2.7 J	0.17 J
Benzo(b)fluoranthene	2.3 J	0.18 J
Benzo(g,h,i)perylene	2.3 J	0.042 J
Benzo(k)fluoranthene	2.2 J	0.22 J
Benzyl Alcohol	0.10 J	0.052 J
bis(2-Ethylhexyl)phthalate	ND(0.37) J	0.050 J
Butylbenzylphthalate	ND(0.37) J	ND(0.35)
Chrysene	2.6 J	0.23 J
Dibenzo(a,h)anthracene	0.61 J	ND(0.35)
Dibenzofuran	0.22 J	0.032 J
Di-n-Butylphthalate	0.23 J	0.037 J
Fluoranthene	4.1 J	0.40 J
Fluorene	0.20 J	ND(0.35)
Indeno(1,2,3-cd)pyrene	2.3 J	0.063 J
Isophorone	0.12 J	0.15 J

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID:	SL0187	SL0243
	Sample ID:	081898CT37	082498MS29
	Sample Depth(Feet):	0-0.5	1-1.5
	Date Collected:	08/18/98	08/24/98
Semivolatile Organics (continued)			
Naphthalene		0.30 J	0.079 J
Phenanthrene		3.8	0.25 J
Phenol		0.52	0.080 J
Pyrene		6.4	0.29 J
Organochlorine Pesticides			
None Detected		--	--
Organophosphate Pesticides			
None Detected		NA	--
Herbicides			
None Detected		NA	--
Furans			
2,3,7,8-TCDF		0.00010	0.000070
TCDFs (total)		0.0013 J	0.00058 J
1,2,3,7,8-PeCDF		0.000059	0.000025
2,3,4,7,8-PeCDF		0.000080	0.000039
PeCDFs (total)		0.0012 J	0.00061 J
1,2,3,4,7,8-HxCDF		0.00011	0.000033
1,2,3,6,7,8-HxCDF		0.000067 J	0.000025
1,2,3,7,8,9-HxCDF		0.000010	0.0000045
2,3,4,6,7,8-HxCDF		0.000073	0.000031
HxCDFs (total)		0.0012 J	0.00048 J
1,2,3,4,6,7,8-HpCDF		0.00039 J	0.000083
1,2,3,4,7,8,9-HpCDF		0.000019	0.0000078
HpCDFs (total)		0.00088 J	0.00020
OCDF		0.00084	0.00012
Dioxins			
2,3,7,8-TCDD		0.00011	0.0000032
TCDDs (total)		0.00048	0.000053
1,2,3,7,8-PeCDD		0.000011	0.0000014 J
PeCDDs (total)		0.00047	0.000050 J
1,2,3,4,7,8-HxCDD		0.000012	0.0000025
1,2,3,6,7,8-HxCDD		0.000018	0.0000040
1,2,3,7,8,9-HxCDD		0.000011	0.0000031
HxCDDs (total)		0.00053	0.000059
1,2,3,4,6,7,8-HpCDD		0.00028	0.000059
HpCDDs (total)		0.00054	0.00011
OCDD		0.0032	0.00034
Total TEQs (WHO TEFs)		0.00021	0.000044
Inorganics			
Antimony		1.50 J	4.20 J
Arsenic		9.80	25.6
Barium		50.6	110
Beryllium		0.250 J	0.430 J
Cadmium		ND(0.0900)	ND(0.0400)
Chromium		17.9	20.9 J
Cobalt		4.80 J	11.1
Copper		260	107 J
Lead		99.3	126
Mercury		0.490	0.100 J
Nickel		20.0	33.2
Selenium		0.620	3.40 J
Silver		0.160 J	ND(0.140)
Sulfide		ND(5.50)	ND(5.30) J
Thallium		R	2.00
Tin		20.4	28.0
Vanadium		21.9	28.6
Zinc		243	72.5

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. Only those constituents detected in one or more samples are sumarized.
3. NA - Not Analyzed - Results were not reported for this analyte.
4. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van denBerg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

J - Estimated Value.
R - Rejected.

TABLE 7
PROPOSED SUPPLEMENTAL PRE-DESIGN INVESTIGATION SOIL SAMPLING LOCATIONS FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE LYMAN STREET AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parcel ID	Sample ID	Sample Depth (feet)	Nearest Grid Coordinate	Analyses To Be Performed					
				VOCs	SVOCs	PCDDs/ PCDFs	Inorganics	Lead	Rationale
I9-4-14	RAA12-Y5	0-1	Y5	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
		1-3	Y5	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
I9-4-19	RAA12-U8NE	1-3	U8	--	X	--	--	--	Delineation of Potentially Elevated PAH Concentration at RAA12-U8
	RAA12-U8SW	1-3	U8	--	X	--	--	--	Delineation of Potentially Elevated PAH Concentration at RAA12-U8
	RAA12-X6	1-3	X6	X	--	--	--	--	Non-PCB Appendix IX Characterization for Recreational Area
I9-4-25	RAA12-U9	0-1	U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
		1-3	U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
		3-6	U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
I9-4-201	RAA12-O16NW	0-1	O16	--	--	--	--	X	Delineation of Potentially Elevated Lead Concentration at RAA12-O16
	RAA12-O16NE	0-1	O16	--	--	--	--	X	Delineation of Potentially Elevated Lead Concentration at RAA12-O16
	RAA12-O16S	0-1	O16	--	--	--	--	X	Delineation of Potentially Elevated Lead Concentration at RAA12-O16
I9-4-203	RAA12-TU9.5	0-1	T9 and U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
		1-3	T9 and U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area
		6-10	T9 and U9	X	X	X	X	--	Non-PCB Appendix IX Characterization for Recreational Area

Notes:
1. -- = No analyses are proposed.

FIGURES

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

LEGEND:

- LYMAN STREET REMOVAL ACTION AREA
- FORMER OXBOW AREAS B, D AND E

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

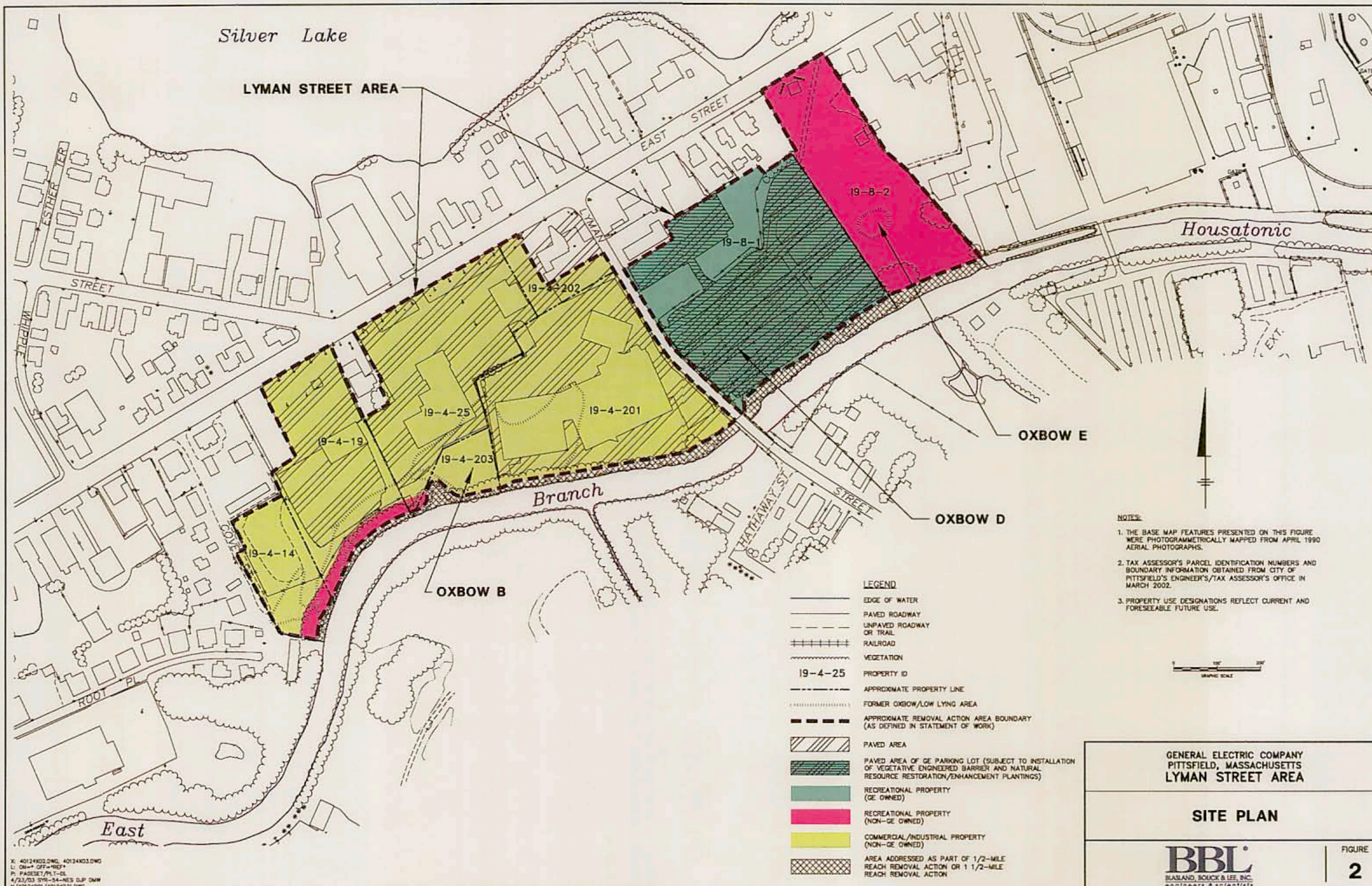
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

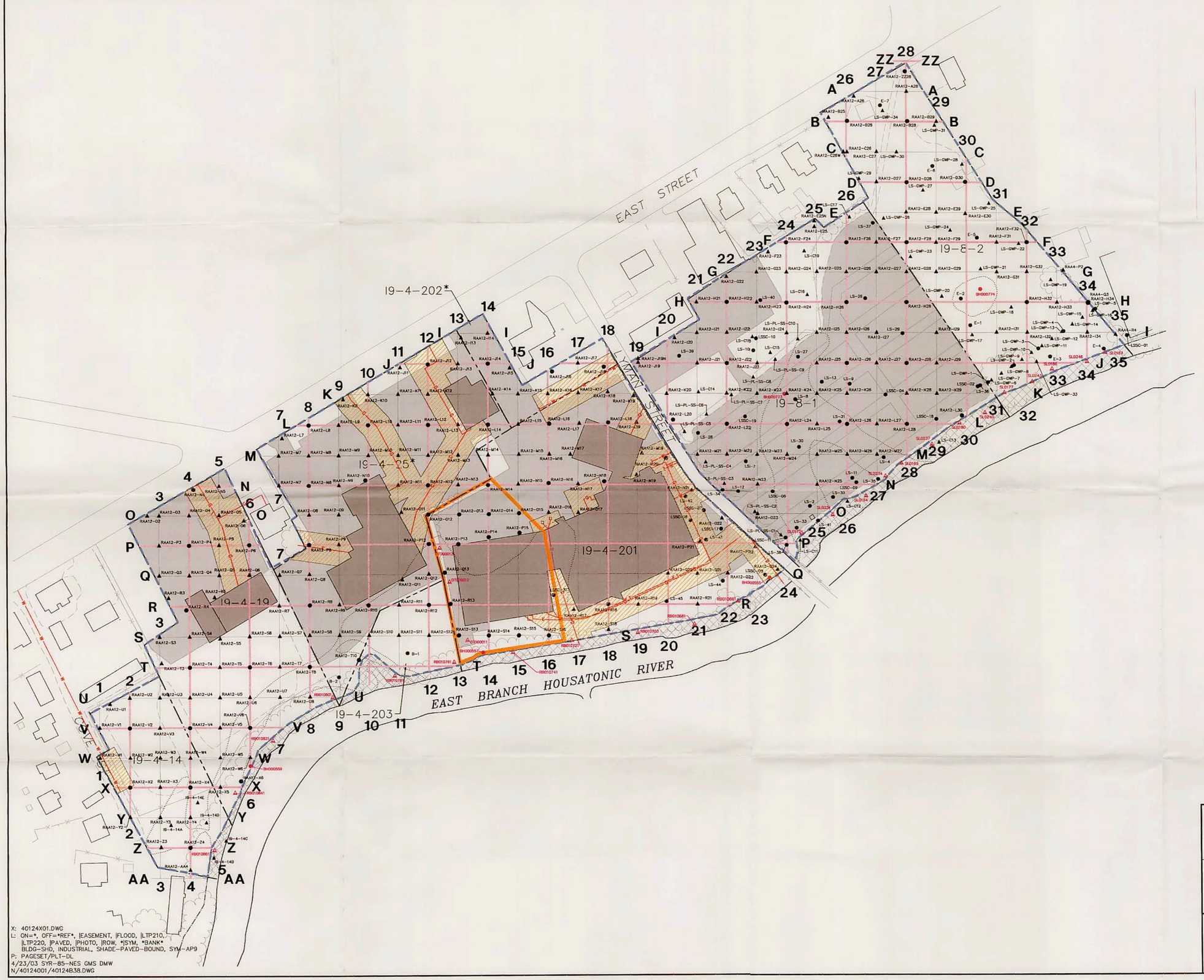
SITE LOCATION

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

FIGURE 1

L: ON=*, OFF=REF
P: PAGESET/PLT-BL
4/23/03 SYR-54-LJP OJP DMW
N/40124001/40124829.DWG


Silver Lake
LYMAN STREET AREA
EAST STREET
STREET
ESTHER TER.
WHIPPLE
LYMAN
Housatonic
Branch
East
ROOT PL.
HATHAWAY ST.
STREET
EXT.
GATE
19-8-2
19-8-1
19-4-202
19-4-25
19-4-201
19-4-19
19-4-203
19-4-14
OXBOW E
OXBOW D
OXBOW B
NOTES:
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S ENGINEER'S/TAX ASSESSOR'S OFFICE IN MARCH 2002.
3. PROPERTY USE DESIGNATIONS REFLECT CURRENT AND FORESEEABLE FUTURE USE.
LEGEND
EDGE OF WATER
PAVED ROADWAY
UNPAVED ROADWAY OR TRAIL
RAILROAD
VEGETATION
19-4-25 PROPERTY ID
APPROXIMATE PROPERTY LINE
FORMER OXBOW/LOW LYING AREA
APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
PAVED AREA
PAVED AREA OF GE PARKING LOT (SUBJECT TO INSTALLATION OF VEGETATIVE ENGINEERED BARRIER AND NATURAL RESOURCE RESTORATION/ENHANCEMENT PLANTINGS)
RECREATIONAL PROPERTY (GE OWNED)
RECREATIONAL PROPERTY (NON-GE OWNED)
COMMERCIAL/INDUSTRIAL PROPERTY (NON-GE OWNED)
AREA ADDRESSED AS PART OF 1/2-MILE REACH REMOVAL ACTION OR 1 1/2-MILE REACH REMOVAL ACTION
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA
SITE PLAN
BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists
FIGURE
2
X: 40124X02.DWG, 40124X03.DWG
L: ON=* OFF=*REF*
P: PAGESET/PLT-DL
4/23/03 SYR-54-NES DJP DMW
N/40124001/40124B31.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FENCE
- PROPERTY LINE (APPROXIMATE)
- FORMER OXBOW/LOW LYING AREA
- ▲ LS-GWP-20 — EXISTING SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- ● E-2 — EXISTING SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- ● BH000774 — EXISTING SOIL BORING LOCATION (EPA DATA)
- △ SL0195 — 1/2-MILE BANK SOIL SAMPLE LOCATIONS (EPA DATA)
- △ RB010541 — 1 1/2-MILE BANK SOIL SAMPLE LOCATIONS (EPA DATA)
- 50-FOOT SAMPLING GRID
- 100-FOOT SAMPLING GRID
- BUILDING
- PAVED AREA
- AREA ADDRESSED AS PART OF 1/2-MILE REACH REMOVAL ACTION OR 1 1/2-MILE REACH REMOVAL ACTION
- W — APPROXIMATE UNDERGROUND WATER UTILITY LOCATION (TERMINOUS NOT SHOWN)
- E — APPROXIMATE UNDERGROUND ELECTRIC UTILITY LOCATION
- T — APPROXIMATE UNDERGROUND TELEPHONE UTILITY LOCATION
- G — APPROXIMATE UNDERGROUND GAS UTILITY LOCATION
- D — APPROXIMATE STORM DRAIN UTILITY LOCATION
- AREA OF PARCEL 19-4-201 SUBJECT TO SUPPLEMENTAL PCB SOIL INVESTIGATIONS (i.e., SOIL BORINGS ON 50-FT GRID)
- C — APPROXIMATE UNDERGROUND COMPUTER LINE LOCATION
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)

FIGURE NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. -FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND, BOUCK & LEE, INC. (BBL) CONSTRUCTION PLANS, AND ON OBSERVATIONS DURING A SITE VISIT BY BBL PERSONNNEL ON DECEMBER 3, 1997.
2. SITE BOUNDARY IS APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.

* PARCEL 19-4-25 AND 19-4-202 ARE UNDER COMMON OWNERSHIP AND WILL BE CONSIDERED AS A SINGLE PROPERTY DURING REMOVAL DESIGN/REMOVAL ACTION EVALUATIONS.

0 80' 160'
GRAPHIC SCALE

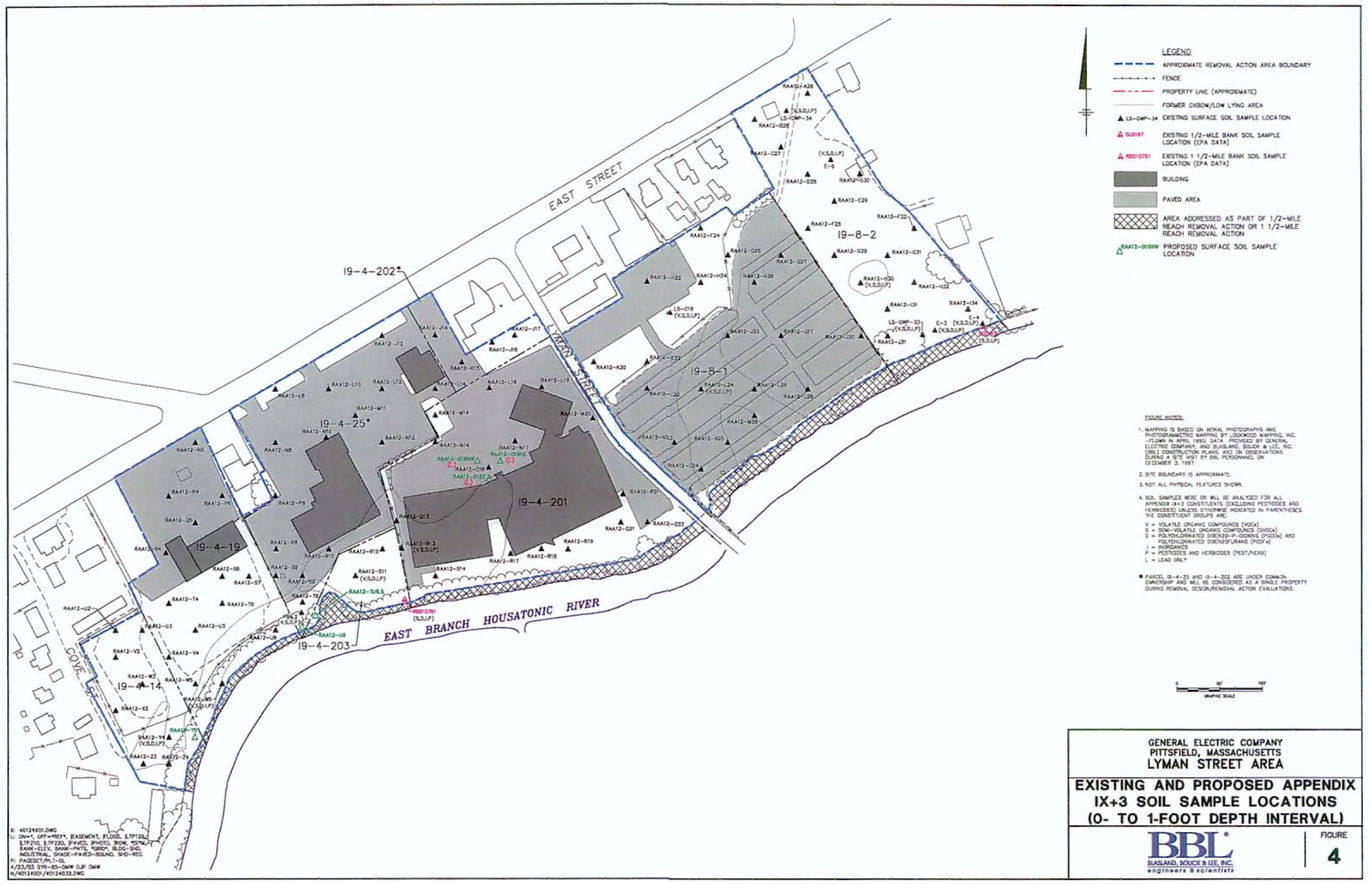
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

EXISTING PCB SOIL SAMPLE LOCATIONS

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

FIGURE 3

X: 40124X01.DWG
L: ON=*, OFF=*REF*, |EASEMENT, |FLOOD, |LTP210, |LTP220, |PAVED, |PHOTO, |ROW, *|SYM, *BANK* BLDG-SHD, |INDUSTRIAL, SHADE-PAVED-BOUND, SYM-AP9
P: PAGESET/PLT-DL
4/23/03 SYR-85-NES GMS DMW
N/40124001/40124B38.DWG



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

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

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

FIGURE 4

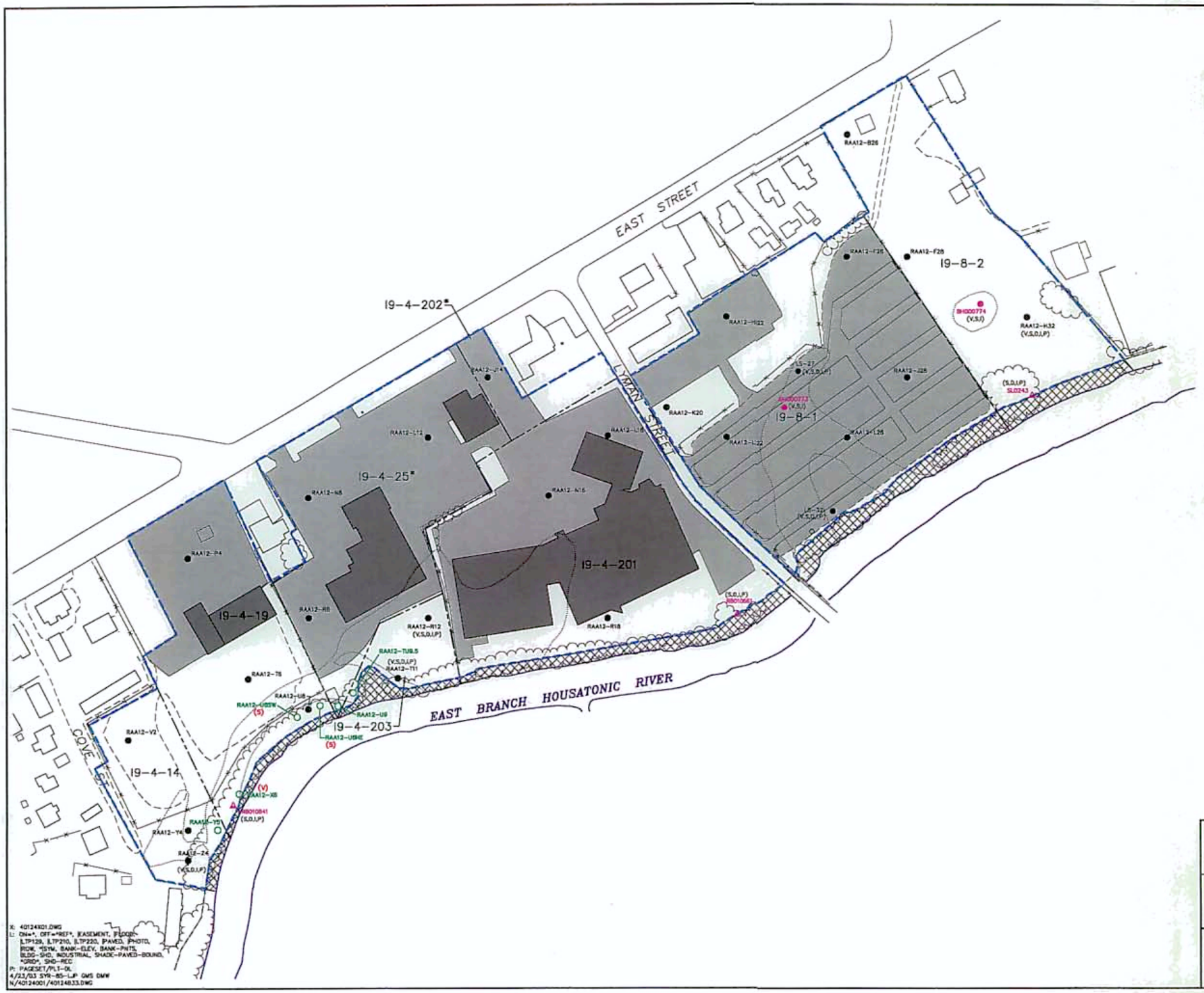


FIGURE NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. -FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND, BOUCK & LEE, INC. (BBL) CONSTRUCTION PLANS, AND ON OBSERVATIONS DURING A SITE VISIT BY BBL PERSONNEL ON DECEMBER 3, 1997.
2. SITE BOUNDARY IS APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. SOIL SAMPLES WERE OR WILL BE ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS [EXCLUDING PESTICIDES AND HERBICIDES] UNLESS OTHERWISE INDICATED IN PARENTHESES. THE CONSTITUENT GROUPS ARE:
   - V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   - S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   - D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   - I = INORGANICS
   - P = PESTICIDES AND HERBICIDES (PEST/HERB)

* PARCEL 19-4-25 AND 19-4-202 ARE UNDER COMMON OWNERSHIP AND WILL BE CONSIDERED AS A SINGLE PROPERTY DURING REMOVAL DESIGN/REMOVAL ACTION EVALUATIONS.

X: 40124X01.DWG
L: ON=*, OFF=*REF*, EASEMENT, FLOODS, (LTP129, (LTP210, (LTP220, (PAVED, PHOTO, ROW, *SYM, BANK-ELEV, BANK-PNTS, BLDG-SHD, INDUSTRIAL, SHADE-PAVED-BOUND, *GRID*, SHD-REC
P: PAGESET/PLT-GL
4/23/03 SYS-85-LJP GMS DMW
N/40124001/40124B33.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

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

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

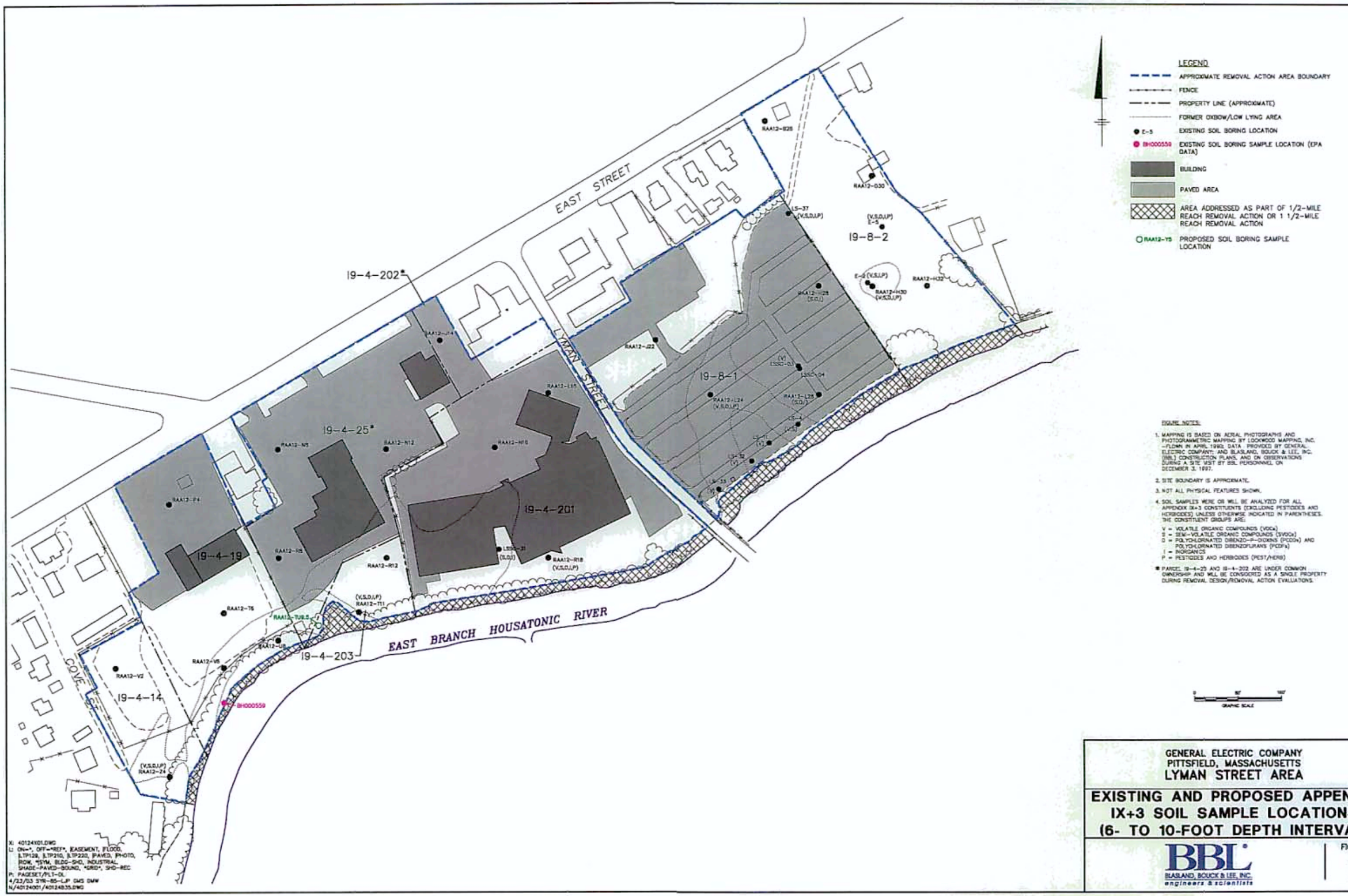
FIGURE 5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

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

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

FIGURE 6



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLE LOCATIONS (6- TO 10-FOOT DEPTH INTERVAL)

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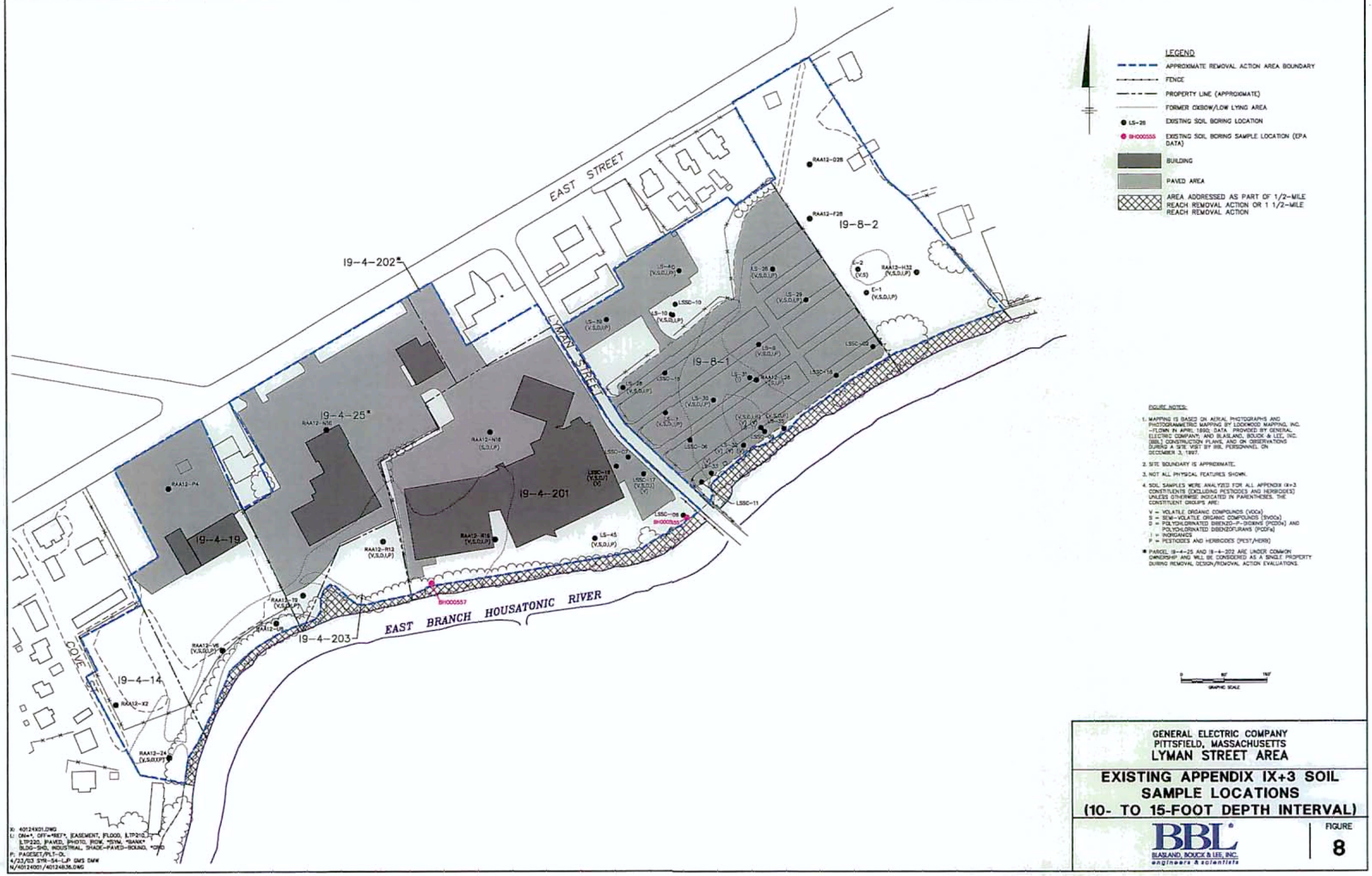
FIGURE 7



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
LYMAN STREET AREA

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (10- TO 15-FOOT DEPTH INTERVAL)

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FIGURE 8