REPORT

Pre-Design Investigation Report for East Street Area 1-North Removal Action

General Electric Company
Pittsfield, Massachusetts

April 2003

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

Transmitted via Overnight Delivery

April 25, 2003

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

Re: GE-Pittsfield/Housatonic River Site
East Street Area 1-North (GECD130)
Pre-Design Investigation Report

Dear Mr. Olson:

In accordance with the GE's approved *Pre-Design Investigation Work Plan for the East Street Area 1-North Removal Action* (May 2002) and *Addendum to Pre-Design Investigation Work Plan for the East Street Area 1-North Removal Action* (September 2002), enclosed is GE's *Pre-Design Investigation Report for East Street Area 1-North Removal Action*. This report summarizes activities performed and results obtained during the pre-design investigation for East Street Area 1-North. 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 Removal Action Area (RAA).

In general, the available data are sufficient to characterize the soils within East Street Area 1-North and thus to support future RD/RA activities. However, GE has determined that limited additional sampling in one area 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 this limited additional sampling.

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 for a given RAA as to whether the owners of the non-GE-owned properties within that 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. For East Street Area 1-North, in view of GE's proposal to conduct limited additional sampling, GE proposes to defer the submission of this ERE notice until one month after receipt of the analytical results of the proposed additional soil sampling.

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

Sincerely,

Andrew T. Silfer /cnv

Andrew T. Silfer, P.E.
GE Project Coordinator
V:\GE_Pittsfield_CD_ESA_1_North\Reports and Presentations\PDI Report\27432196.doc

Enclosure

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Property Owner – Parcel K10-14-1
Property Owner – Parcel K11-1-15
Public Information Repositories
GE Internal Repository

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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 East Street Area 1-North Removal Action* (Pre-Design Report) summarizes the pre-design soil investigations performed by GE within East Street Area 1-North, as well as related activities conducted by EPA. This Pre-Design 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 East Street Area 1-North were performed in accordance with documents entitled *Pre-Design Investigation Work Plan for the East Street Area 1-North Removal Action* (PDI Work Plan) dated May 2002 and *Addendum to Pre-Design Investigation Work Plan for the East Street Area 1-North Removal Action* (PDI Work Plan Addendum) dated September 2002 (collectively, the PDI Work Plans). These documents were conditionally approved by EPA in letters dated August 29 and October 2, 2002, respectively. The field investigations described in the PDI Work Plans were completed by GE between January 2 and January 15, 2003.

In addition to the pre-design soil data collected by GE under the PDI Work Plans, certain other data are available and will be incorporated, as appropriate, in future RD/RA evaluations. These data include the following:

- During preparation of the PDI Work Plans, an assessment of existing data was performed. From that effort, 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 data were compiled in the PDI Work Plan and have also been included in this Pre-Design Report.

- During the performance of the pre-design investigations, EPA representatives provided oversight of GE's sampling activities. During these activities, EPA representatives collected "split" samples (i.e., soil samples from the same locations and depths being sampled by GE and analyzed for the same constituent groups as the GE sample), as well as "supplemental" samples (i.e., soil samples from the same locations and depths being sampled by GE but analyzed for different constituent groups than the GE sample).

This Pre-Design Report presents the soil data from all of the investigations listed above. In total, the soil data available to support RD/RA evaluations include results from approximately 235 analyses of soil samples collected from 46 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 (excluding pesticides and herbicides), plus benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

Pursuant to the CD and SOW, this report summarizes the results of the pre-design investigation activities and provides an assessment regarding: (1) the sufficiency of the available soil data to support the design and evaluation of response actions for the East Street Area 1-North Removal Action, and (2) the need for additional information to support the preparation of the Conceptual RD/RA Work Plan. The results of the recent pre-design activities, including the information obtained from other investigations at this RAA, are generally sufficient to characterize the soils and support future RD/RA activities. However, one additional sampling need has been identified -- to delineate the extent of an elevated lead concentration. In addition, the development of more detailed site mapping for East Street Area 1-North will be necessary to support future RD/RA activities.

1.2 Format of Document

The remainder of this section provides a brief description of East Street Area 1-North. Section 2 describes the recent pre-design investigations conducted by GE, provides an overview of the available soil data from this area, and presents an assessment of any remaining data needs. Section 3 presents a proposal for the additional pre-design activities, as well as a proposed schedule for the additional pre-design activities.

Note that the pre-design activities summarized in this report pertain to soils only. East Street Area 1-North 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 within the southern portion of East Street Area 1-North three groundwater/NAPL recovery wells and a NAPL containment/recovery system, referred to as the East Street Area 1 Northside Recovery System, 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 East Street Area 1-North RAA

East Street Area 1-North occupies an area of approximately 5 acres and is located immediately south of the East Street Area 2-North RAA and east of the 20s Complex. This area is generally bounded by railway property and the associated railroad right-of-way to the north, Merrill Road to the west, East Street to the south, and a non-GE-owned commercial area to the east (Figure 1). East Street Area 1-North is located outside of the 100-year floodplain of the Housatonic River.

As shown on Figure 2, there are eight separate tax parcels (as well as certain adjacent City-owned road easements and/or rights-of-way) within East Street Area 1-North. The separate parcels consist of the following:

- Parcel J10-8-1;
- Parcel J10-8-2;
- Parcel J10-8-3;
- Parcel J10-8-4;
- Parcel J10-8-5;
- Parcel J10-8-6;
- Parcel K10-14-1; and
- Parcel K11-1-15 (portion).

Pursuant to the CD and SOW, all of East Street Area 1-North is considered a "commercial/industrial" area. Of the parcels identified above, the first six are owned by GE and the remaining two parcels (Parcels K10-14-1 and K11-1-15) are owned by a private party and a railroad company, respectively. Occupying portions of Parcel K10-14-1 and Parcel J10-8-6 is an existing structure; the portion of the structure located on GE-owned Parcel J10-8-6 is referred to

as Building 69 and is subject to future demolition by GE. The area of East Street Area 1-North to the west of this structure (owned by GE) is unpaved, while the area to the east of the structure (non-GE-owned) is mostly paved, as shown on Figure 2.

2. Summary of Pre-Design Investigations

2.1 General

The soil data available to support future RD/RA evaluations within East Street Area 1-North will be derived from several different sources and sampling events, including GE's most recent pre-design sampling, EPA's concurrent sampling activities, and historical sampling conducted by GE. This section summarizes the available soil data set. The sampling activities conducted as part of the recent pre-design investigations are summarized in Sections 2.2 through 2.4, while a summary of the available data is presented in Section 2.5 and the tables and appendices that accompany this report. Finally, based on the current data, Section 2.6 assesses whether any additional or remaining data are needed.

2.2 Summary of Pre-Design Investigations

The pre-design investigations conducted between January 2 and January 15, 2003 were performed on behalf of GE by Blasland, Bouck & Lee, Inc. (BBL), while analytical services were provided by CT&E Environmental Services, Inc. While performing these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA, including collection and analysis of split and supplemental samples. In total, the pre-design soil sampling effort (including the combined efforts of GE and EPA) involved the collection and analysis of approximately 195 soil samples from 39 locations. The sample locations, including the locations of usable historical samples, are identified on Figure 2 (for PCB samples) and Figures 3 through 5 (for samples analyzed for other Appendix IX+3 constituents).

With certain limited exceptions (discussed later in this section), the sample locations, frequencies, depths, and analytes associated with the pre-design investigations were consistent with the EPA-approved 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 provided in Appendix A to this report.

Soil samples collected by GE for PCB analysis during the pre-design investigation 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 (excluding pesticides and herbicides), utilizing methods and reporting limits consistent with those presented in the FSP/QAPP. In addition, soil samples were provided upon request to representatives from Weston for analyses on behalf of EPA.

2.3 Field Modifications to Pre-Design Sampling Program

During the performance of the pre-design investigations, several modifications to the sampling program as presented in the PDI Work Plans and approved by EPA were implemented based on field conditions encountered at the time of sampling. The following modifications to the work scope were implemented with concurrence from EPA's on-site representatives:

- A total of 24 sampling locations were shifted slightly from the locations presented in the PDI Work Plans due to access restrictions at the anticipated locations (such as the presence of subsurface utilities, surface features, or other obstructions). Of these 24 sample locations, 18 required an adjustment of less than 10 feet. The largest adjustment occurred at sample locations RAA6-D7 and RAA6-E5, where the locations were shifted approximately 20 feet to avoid subsurface utilities and surface vegetation, respectively.

- At soil boring RAA4-C17, after several attempts to advance, refusal was encountered at 12 feet below ground surface (bgs). Therefore, a sample could not be collected from the entire 6- to 15-foot depth interval for analysis for PCBs, as proposed in the PDI Work Plans. As a result, the soil sample proposed for PCB analysis at the 6- to 15-foot depth increment was instead collected from the 6- to 12-foot depth increment.

None of the modifications identified above significantly affects the overall pre-design characterization of soils within East Street Area 1-North. Although some samples were slightly relocated from the anticipated locations, the new locations were not significantly displaced from the original locations. In addition, the separately performed EPA supplemental 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.

During the pre-design investigations, no NAPL was encountered in any of the soil borings that were advanced to a depth of 15 feet. However, a sheen was noted on the pore water of the soil sample collected from boring RAA6-C6 in the 0-to 1-foot depth increment. For any soil sample in which NAPL is encountered as part of soil characterization activities, Technical Attachment D to the SOW (Protocols for Additional Soil Investigations) requires an assessment regarding the need for the installation of a monitoring well. For this particular situation, GE has determined that a monitoring well is not needed since (1) the location of RAA6-C6 is within an area that is currently being addressed under GE's ongoing NAPL monitoring and recovery activities, and (2) the detected sheen was located at a depth (0 to 1 foot) well above the water table in this area and neither underlying soils nor soils at the water table exhibited evidence of NAPL.

2.4 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 data validation are presented in Appendix C. As discussed in that report, greater than 99% of the GE pre-design data are considered to be usable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. All of the analytical results for PCBs, polychlorinated dibenzo-p-dioxins/ polychlorinated dibenzofurans (PCDDs/PCDFs), and inorganic constituents were found to be usable, while greater than 99% of the volatile organic compound (VOC) and semi-volatile organic compound (SVOC) results were of acceptable quality. Thus, the pre-design soil data set meets the data quality objectives set forth in the PDI Work Plans and the FSP/QAPP.

With respect to the other sources of soil data, the historical soil data were previously reviewed in the PDI Work Plan for overall quality and usability, based on the accompanying laboratory documentation (where available). Only those data determined to be of acceptable quality have been included in this Pre-Design Report. For the recent EPA sampling data, 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.

2.5 Summary of Available Soil Data

For East Street Area 1-North, 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 soil data available from prior investigations, and the data collected by EPA. The following table summarizes the current soil data set (not including QA/QC analyses) for several constituent groups:

PCBs	81	30	2	113
VOCs	26	4	2	32
SVOCs	26	4	3	33
PCDDs/PCDFs	26	4	0	30
Inorganics	26	4	3	33

The locations where the soil samples were collected for PCB analysis are shown on Figure 2. Figures 3 though 5 show the location of the soil samples collected for Appendix IX+3 analyses for the 0- to 1-foot, 1- to 6-foot, and 6- to 15-foot depth increments, respectively.

The analytical results for soil samples collected by GE are provided in Tables 1 through 4. Tables 1 and 2 provide the results of GE's recent pre-design investigations for PCBs and other Appendix IX+3 constituents, respectively; while 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 EPA data from samples that were split with GE and supplemental samples from other GE sample locations within this RAA (i.e., soil borings RAA6-C3, RAA6-C5, and RAA6-E6) obtained as part of the pre-design investigation, as well as historical data provided by EPA. The tables that present Appendix IX+3 data summarize the results for constituents that were detected in one or more samples during the respective investigations. A complete listing of the Appendix IX+3 laboratory results is included in Appendix B (Tables B-1 through B-3).

2.6 Assessment of Potential Data Needs

In accordance with Section 3.2 of the SOW, the Pre-Design Investigation 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 Investigation 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.

The PDI Work Plans identified the activities proposed by GE to characterize existing soil conditions, satisfy the investigation requirements specified in the CD and SOW, and support the preparation of a Conceptual RD/RA Work Plan for East Street Area 1-North. Although minor modifications to the scope of sampling specified in the PDI Work Plans were implemented during the field activities, none of the modifications affects the overall characterization of

soils within this RAA that was gained from the remaining sampling data. Based on completion of the pre-design activities, which were generally consistent with the activities presented in the PDI Work Plans, the available soil data are, for the most part, sufficient to support future evaluations for this RAA. However, an elevated lead concentration (3,200 ppm) was detected in the surface sample obtained at RAA6-A16, and there are no other lead data in the vicinity of that location. Hence, GE has determined that it would be appropriate to collect additional surface soil samples for lead analysis in the vicinity of that location to delineate the extent of this elevated lead concentration for RD/RA purposes. A proposal for such additional sampling is provided in Section 3.2 below.

3. Future Activities and Schedule

3.1 General

As discussed in Section 2.6, the only additional sampling data need that has been identified to support RD/RA evaluations for the East Street Area 1-North Removal Action is the delineation of lead at one surface soil sample location. Section 3.2 describes GE's proposal to address that data need, as well as other remaining pre-design activities that GE will conduct to support the development of the Conceptual RD/RA Work Plan. Section 3.3 presents GE's proposed schedule for the conduct of these activities and submission of the Conceptual RD/RA Work Plan, and outlines the anticipated contents of that Work Plan.

3.2 Additional Pre-Design Activities

As noted in Section 2.6, the collection of additional surface soil samples for lead analysis is warranted to delineate the extent of the elevated lead concentration detected in the surface soil at sample RAA6-A16 and thus to facilitate future RD/RA evaluations. To address this data need, GE proposes to collect additional surface soil samples from three locations approximately 50 feet to the west, south, and east of location RAA6-A16, as shown on Figure 3, and to submit those samples for analysis of lead. These samples will be collected and analyzed in accordance with the procedures set forth in GE's approved FS/QAPP.

In addition, the available site mapping for East Street Area 1-North is not sufficient to support detailed RD/RA evaluations. The current mapping, as depicted on the figures included with 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., utilities, roadways, and surface-water features) and the approximate locations of soil sample locations (as shown on Figures 2 through 5), additional detailed site mapping is required to support the development of spatial average PCB concentrations and other RD/RA actions. GE will develop an overall detailed site map for East Street Area 1-North that will include the following information:

- existing buildings, structures;
- paved, gravel and unpaved areas;
- surface elevations and topography;
- 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.

The mapping will be prepared by a licensed Land Surveyor.

3.3 Schedule for Future Activities

GE proposes to conduct the additional surface soil sampling for lead and the additional mapping activities, as described in Section 3.2, following EPA approval of this Pre-Design Report. The analytical results from the lead sampling and the additional mapping will be incorporated into the Conceptual RD/RA Work Plan for East Street Area 1-North. The analytical results from the lead samples will also be provided in the CD Monthly Status Report that follows receipt of those results.

GE proposes to complete these activities and submit the Conceptual RD/RA Work Plan for this RAA within 120 days from receipt of EPA approval of this Pre-Design Report, assuming that no major weather-related or access delays are encountered during performance of the sampling and survey activities 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 for submitting the Conceptual RD/RA Work Plan.

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 for a given RAA as to whether the owners of non-GE-owned properties within that 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 the report. GE has been in contact with the owner of Parcel K10-14-1 regarding this issue. However, GE would like to defer submission of the final ERE notice until after the results from the additional sampling for lead have been received. Accordingly, GE proposes to provide the required ERE notice for East Street Area 1-North to EPA and MDEP within one month after receipt of the analytical results from the proposed lead samples.

The Conceptual RD/RA Work Plan for the East Street Area-1 North Removal Action 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 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 EAST STREET AREA 1-NORTH 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
RAA6-A11	0-1	1/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.41	0.36	0.77
	1-3	1/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.12	0.12
	3-6	1/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	1/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA6-A13	0-1	1/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.048	ND(0.036)	0.048
	1-3	1/8/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.60	0.43	1.03
	3-6	1/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	1/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA6-A14	0-1	1/2/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.021 J	ND(0.036)	0.021 J
RAA6-A15	0-1	1/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.051	0.051	0.102
	1-3	1/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.13
	3-6	1/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA6-A16	0-1	1/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.11	0.25
RAA6-A17	0-1	1/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.018 J	0.031 J	0.049 J
	1-3	1/8/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.022 J	0.022 J
	3-6	1/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA6-B7	0-1	1/10/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.080	0.057	0.137
	1-6	1/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA6-B14	0-1	1/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.064	0.064	0.128
RAA6-B15	0-1	1/7/2003	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	0.14 J	0.069 J	0.209 J
RAA6-B16	0-1	1/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.070	0.062	0.132
RAA6-B17	0-1	1/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.14	0.26
RAA6-B18	0-1	1/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.44	0.25	0.69
RAA6-C2	0-1	1/9/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.0	2.0
	1-6	1/9/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.7	2.7
	6-15	1/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA6-C3	6-15	1/15/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.64	0.64
RAA6-C4	0-1	1/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.70	0.70
	1-6	1/10/2003	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	2.8 [3.6]	2.8 [3.6]
	6-15	1/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.3	1.3
RAA6-C5	0-1	1/9/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.49	0.49
	1-6	1/9/2003	ND(0.19) [ND(0.038)]	ND(0.19) [ND(0.038)]	ND(0.19) [ND(0.038)]	ND(0.19) [ND(0.038)]	ND(0.19) [ND(0.038)]	ND(0.19) [ND(0.038)]	2.1 [1.7]	2.1 [1.7]
	6-15	1/9/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.59	0.59
RAA6-C6	0-1	1/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	1/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.35	0.35
	6-15	1/10/2003	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [0.084]	0.083 [0.15]	0.083 [0.234]
RAA6-C14	0-1	1/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.12	0.052	0.172
RAA6-C15	0-1	1/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.060	ND(0.037)	0.060
	1-3	1/7/2003	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]	ND(0.040) J [ND(0.040) J]
	3-6	1/7/2003	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J	ND(0.037) J
	6-15	1/7/2003	ND(0.040) J	ND(0.040) J	ND(0.040) J	ND(0.040) J	ND(0.040) J	ND(0.040) J	ND(0.040) J	ND(0.040) J
RAA6-C16	0-1	1/2/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.080	0.12	0.20
RAA6-C17	0-1	1/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.067	0.11	0.177
	1-3	1/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.14	0.10	0.24
	3-6	1/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.22	ND(0.037)	0.22
	6-12	1/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.078	ND(0.037)	0.078

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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
RAA6-C18	0-1	1/9/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.34	0.34
RAA6-D7	0-1	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.84	0.78	1.62
	1-3	1/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.11	0.24
	3-6	1/13/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.32	0.37	0.69
	6-15	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.38	0.38
RAA6-D8	0-1	1/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.55	0.62	1.17
RAA6-D9	0-1	1/9/2003	ND(0.036) J	ND(0.036) J	ND(0.036) J	ND(0.036) J	ND(0.036) J	0.38 J	0.72 J	1.1 J
RAA6-D10	0-1	1/13/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.052	0.061	0.113
	1-3	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	1/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.86	0.86
	6-15	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.83 J	0.83 J
RAA6-D11	0-1	1/9/2003	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	ND(0.039) J	0.38 J	0.38 J
RAA6-D12	0-1	1/9/2003	ND(0.041) J	ND(0.041) J	ND(0.041) J	ND(0.041) J	ND(0.041) J	ND(0.041) J	0.33 J	0.33 J
RAA6-D13	0-1	1/9/2003	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	0.14 J	0.14 J
RAA6-D14	0-1	1/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.039	ND(0.036)	0.039
RAA6-D16	0-1	1/9/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.23	0.49	0.72
RAA6-D17	0-1	1/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.24	0.24
RAA6-D18	0-1	1/9/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.52	0.52
RAA6-E1	6-15	1/9/2003	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	0.14 J	0.14 J
RAA6-E2	0-1	1/15/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.14	0.14
	1-6	1/15/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.065	ND(0.039)	0.065
	6-15	1/15/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.039	0.039
RAA6-E3	0-1	1/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.15	0.39	0.54
	1-6	1/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.18	0.53	0.71
	6-15	1/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.19	0.47	0.66
RAA6-E4	6-15	1/15/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.36	0.57	0.93
RAA6-E5	0-1	1/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.24	0.59	0.83
	1-6	1/14/2003	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) [0.38]	1.3 [0.92]	1.3 [1.3]
	6-15	1/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.6	1.6
RAA6-E6	0-1	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.44	0.94	1.38
	1-6	1/13/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.20	0.47	0.67
	6-15	1/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.17	0.17

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:

Organics
J - Indicates that the associated numerical value is an estimated concentration.

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

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

Parameter / Sample ID:	RAA6-A11	RAA6-A11	RAA6-A15	RAA6-A15	RAA6-A16
Sample Depth(Feet):	0-1	1-3	3-5	3-6	0-1
Date Collected:	01/08/03	01/08/03	01/08/03	01/08/03	01/02/03
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
1,2,3-Trichloropropane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
1,2-Dibromo-3-chloropropane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
Acetone	ND(0.024) J	ND(0.024) J	ND(0.023) J	NS	ND(0.023) J
Benzene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Ethylbenzene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Tetrachloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Toluene	0.0058 J	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
Trichloroethene	0.0080	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Xylenes (total)	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Semivolatile Organics					
1,4-Dichlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
2-Methylnaphthalene	2.2	1.3 J	NS	ND(0.38)	ND(0.42)
2-Methylphenol	0.16 J	ND(0.40)	NS	ND(0.38)	ND(0.42)
3&4-Methylphenol	0.56 J	ND(0.80)	NS	ND(0.76)	ND(0.76)
4-Nitrophenol	ND(2.0)	ND(2.0)	NS	ND(1.9)	ND(2.1) J
Acenaphthene	1.2	0.42 J	NS	ND(0.38)	ND(0.42)
Acenaphthylene	1.1	0.29 J	NS	ND(0.38)	ND(0.42)
Acetophenone	0.19 J	0.15 J	NS	ND(0.38)	ND(0.42)
Aniline	0.11 J	ND(0.40) J	NS	ND(0.38)	ND(0.42) J
Anthracene	1.0	0.21 J	NS	ND(0.38)	0.16 J
Benzo(a)anthracene	3.3	0.72 J	NS	ND(0.38)	0.50
Benzo(a)pyrene	1.6	0.22 J	NS	ND(0.38)	0.50
Benzo(b)fluoranthene	3.5	0.86 J	NS	ND(0.38)	0.71
Benzo(g,h,i)perylene	1.8	0.40 J	NS	ND(0.38)	0.33 J
Benzo(k)fluoranthene	1.4	ND(0.40) J	NS	ND(0.38)	0.26 J
Chrysene	3.8	0.77 J	NS	ND(0.38)	0.50
Dibenzo(a,h)anthracene	0.36 J	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Dibenzofuran	1.4	ND(0.80) J	NS	ND(0.38)	ND(0.42)
Diethylphthalate	ND(0.40)	0.088 J	NS	ND(0.38)	ND(0.42)
Dimethylphthalate	ND(0.40)	1.0 J	NS	ND(0.38)	ND(0.42)
Di-n-Butylphthalate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Fluoranthene	10	3.4 J	NS	ND(0.38)	1.0
Fluorene	0.69	0.24 J	NS	ND(0.38)	ND(0.42)
Hexachloroethane	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Indeno(1,2,3-cd)pyrene	1.5	0.34 J	NS	ND(0.38)	0.29 J
Naphthalene	5.4	ND(0.80) J	NS	ND(0.38)	ND(0.42)
N-Nitrosopiperidine	ND(0.40)	3.6 J	NS	ND(0.38)	ND(0.42)
Phenanthrene	5.7	2.5 J	NS	ND(0.38)	0.69
Phenol	0.61	0.25 J	NS	ND(0.38)	ND(0.42)
Pyrene	8.7	2.4 J	NS	ND(0.38)	0.96

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

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

Parameter / Sample ID:	RAA6-A11	RAA6-A11	RAA6-A15	RAA6-A15	RAA6-A16
Sample Depth(Feet):	0-1	1-3	3-5	3-6	0-1
Date Collected:	01/08/03	01/08/03	01/08/03	01/08/03	01/02/03
Furans					
2,3,7,8-TCDF	0.000019 Y	0.000023 Y	NS	0.00000020 J	0.000012 Y
TCDFs (total)	0.00014	0.00015	NS	0.00000020	0.00016
1,2,3,7,8-PeCDF	0.000011 J	0.0000076 J	NS	0.00000027 J	0.0000060 J
2,3,4,7,8-PeCDF	0.000016 J	0.000013 J	NS	ND(0.00000030)	0.000032
PeCDFs (total)	0.00018 Q	0.00015 Q	NS	ND(0.00000081)	0.00036 Q
1,2,3,4,7,8-HxCDF	0.000010 J	0.0000084 J	NS	ND(0.00000024)	0.0000094 J
1,2,3,6,7,8-HxCDF	0.0000084 J	0.0000071 J	NS	ND(0.00000039)	0.000010 J
1,2,3,7,8,9-HxCDF	0.0000021 J	0.0000013 J	NS	ND(0.00000018)	0.0000029 J
2,3,4,6,7,8-HxCDF	0.000015 J	0.000011 J	NS	ND(0.00000021)	0.000021 J
HxCDFs (total)	0.00022 Q	0.00015 Q	NS	ND(0.00000073)	0.00027
1,2,3,4,6,7,8-HpCDF	0.000050	0.000029	NS	ND(0.00000028)	0.000021 J
1,2,3,4,7,8,9-HpCDF	0.0000045 J	0.0000029 J	NS	ND(0.00000054)	0.0000028 J
HpCDFs (total)	0.00014	0.000073	NS	ND(0.00000028)	0.000043
OCDF	0.00014	0.000044 J	NS	ND(0.0000011)	0.000010 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000021)	0.0000033 J	NS	ND(0.00000022)	ND(0.0000011) X
TCDDs (total)	0.0000014	0.000021	NS	ND(0.00000062)	0.00000096
1,2,3,7,8-PeCDD	0.0000027 J	0.0000056 J	NS	0.00000019 J	0.0000027 J
PeCDDs (total)	0.0000062 Q	0.00012 Q	NS	0.00000019	0.0000072 Q
1,2,3,4,7,8-HxCDD	ND(0.0000019)	ND(0.0000021)	NS	ND(0.00000054)	ND(0.0000024)
1,2,3,6,7,8-HxCDD	0.0000075 J	0.0000068 J	NS	ND(0.00000054)	ND(0.0000031) X
1,2,3,7,8,9-HxCDD	0.0000049 J	0.0000038 J	NS	ND(0.00000054)	0.0000025 J
HxCDDs (total)	0.000054	0.00018 Q	NS	ND(0.00000054)	0.000013
1,2,3,4,6,7,8-HpCDD	0.00018	0.00011	NS	ND(0.00000089)	0.000016 J
HpCDDs (total)	0.00034	0.00022	NS	ND(0.0000014)	0.000031
OCDD	0.0017	0.0011	NS	ND(0.0000033)	0.000059
Total TEQs (WHO TEFs)	0.000022	0.000024	NS	0.00000055	0.000026
Inorganics					
Antimony	3.80 J	100	NS	1.60 J	1600
Arsenic	9.30	13.0	NS	5.80	19.0
Barium	38.0	61.0	NS	26.0	77.0
Beryllium	0.370 B	0.340 B	NS	0.300 B	0.200 B
Cadmium	0.860	0.750	NS	0.400 B	1.00
Chromium	19.0	8.40	NS	7.60	15.0
Cobalt	5.80	5.80	NS	8.40	8.10
Copper	120	160	NS	15.0	4100
Cyanide	0.270	0.340	NS	ND(0.230)	ND(0.570)
Lead	120	470	NS	13.0	3200
Mercury	0.0980 B	0.140	NS	0.0530 B	0.820
Nickel	11.0	10.0	NS	13.0	34.0
Selenium	0.980 B	1.30	NS	0.800 B	1.20
Silver	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	53.0	74.0	NS	13.0	54.0
Thallium	ND(1.20) J	ND(1.20) J	NS	ND(1.10) J	ND(1.10)
Tin	ND(10.0)	320	NS	ND(10.0)	6600
Vanadium	10.0	12.0	NS	9.00	8.80
Zinc	150	130	NS	56.0	160

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Volatile Organics			
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2-Dibromo-3-chloropropane	ND(0.0053) J	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Acetone	ND(0.021) J	ND(0.022) J	ND(0.024) J [ND(0.024) J]
Benzene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Ethylbenzene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Tetrachloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Toluene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Trichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Xylenes (total)	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Semivolatile Organics			
1,4-Dichlorobenzene	ND(0.35)	ND(1.0)	NS
2-Methylnaphthalene	ND(0.35)	ND(1.0)	NS
2-Methylphenol	ND(0.35)	ND(1.0)	NS
3&4-Methylphenol	ND(0.71)	ND(1.0)	NS
4-Nitrophenol	ND(1.8)	ND(5.3)	NS
Acenaphthene	ND(0.35)	ND(1.0)	NS
Acenaphthylene	ND(0.35)	ND(1.0)	NS
Acetophenone	ND(0.35)	ND(1.0)	NS
Aniline	ND(0.35)	ND(1.0)	NS
Anthracene	ND(0.35)	ND(1.0)	NS
Benzo(a)anthracene	ND(0.35)	0.23 J	NS
Benzo(a)pyrene	ND(0.35)	ND(1.0)	NS
Benzo(b)fluoranthene	ND(0.35)	0.46 J	NS
Benzo(g,h,i)perylene	ND(0.35)	0.26 J	NS
Benzo(k)fluoranthene	ND(0.35)	ND(1.0)	NS
Chrysene	ND(0.35)	0.22 J	NS
Dibenzo(a,h)anthracene	ND(0.35)	ND(1.0)	NS
Dibenzofuran	ND(0.35)	ND(1.0)	NS
Diethylphthalate	ND(0.35)	ND(1.0)	NS
Dimethylphthalate	ND(0.35)	ND(1.0)	NS
Di-n-Butylphthalate	ND(0.35)	ND(1.0)	NS
Fluoranthene	0.089 J	0.39 J	NS
Fluorene	ND(0.35)	ND(1.0)	NS
Hexachloroethane	ND(0.35)	ND(1.0)	NS
Indeno(1,2,3-cd)pyrene	ND(0.35)	0.22 J	NS
Naphthalene	ND(0.35)	0.23 J	NS
N-Nitrosopiperidine	ND(0.35)	ND(1.0)	NS
Phenanthrene	ND(0.35)	0.30 J	NS
Phenol	ND(0.35)	ND(1.0)	NS
Pyrene	0.088 J	0.82 J	NS

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Furans				
2,3,7,8-TCDF		0.0000025 Y	0.0000068 J	NS
TCDFs (total)		0.000021	0.000066	NS
1,2,3,7,8-PeCDF		0.0000010 J	0.0000037 J	NS
2,3,4,7,8-PeCDF		0.0000045 J	0.000028	NS
PeCDFs (total)		0.000041	0.00018 Q	NS
1,2,3,4,7,8-HxCDF		0.0000012 J	0.0000077 J	NS
1,2,3,6,7,8-HxCDF		0.0000013 J	0.0000068 J	NS
1,2,3,7,8,9-HxCDF		0.00000044 J	0.0000015 J	NS
2,3,4,6,7,8-HxCDF		0.0000025 J	0.000013 J	NS
HxCDFs (total)		0.000032	0.00017 Q	NS
1,2,3,4,6,7,8-HpCDF		0.0000029 J	0.000013 J	NS
1,2,3,4,7,8,9-HpCDF		ND(0.00000033)	0.0000020 J	NS
HpCDFs (total)		0.0000062	0.000030	NS
OCDF		0.0000024 J	0.000011 J	NS
Dioxins				
2,3,7,8-TCDD		ND(0.00000019)	ND(0.0000010)	NS
TCDDs (total)		ND(0.00000019)	ND(0.0000024)	NS
1,2,3,7,8-PeCDD		0.00000037 J	ND(0.0000016)	NS
PeCDDs (total)		0.00000084	0.0000080 Q	NS
1,2,3,4,7,8-HxCDD		ND(0.00000025)	ND(0.0000013)	NS
1,2,3,6,7,8-HxCDD		0.00000063 J	0.0000024 J	NS
1,2,3,7,8,9-HxCDD		ND(0.00000042)	0.0000022 J	NS
HxCDDs (total)		0.0000013	0.000018	NS
1,2,3,4,6,7,8-HpCDD		0.0000042 J	0.000020 J	NS
HpCDDs (total)		0.0000078	0.000038	NS
OCDD		0.000025	0.00011	NS
Total TEQs (WHO TEFs)		0.0000037	0.000020	NS
Inorganics				
Antimony		2.10 J	7.70 J	NS
Arsenic		4.80	10.0	NS
Barium		26.0	46.0	NS
Beryllium		0.150 B	1.80 J	NS
Cadmium		0.470 B	2.20	NS
Chromium		8.00	13.0	NS
Cobalt		7.20	8.00	NS
Copper		26.0	59.0	NS
Cyanide		ND(0.210)	ND(0.550)	NS
Lead		21.0	150	NS
Mercury		0.0610 B	0.460	NS
Nickel		12.0	11.0	NS
Selenium		0.760 B	2.00 J	NS
Silver		ND(1.00)	ND(1.50) J	NS
Sulfide		8.50	41.0	NS
Thallium		ND(1.00) J	2.00 J	NS
Tin		ND(10.0)	24.0	NS
Vanadium		4.20 B	8.20	NS
Zinc		46.0	67.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Volatile Organics				
1,1,2,2-Tetrachloroethane	NS	NS	ND(0.0058)	NS
1,2,3-Trichloropropane	NS	NS	ND(0.0058)	NS
1,2-Dibromo-3-chloropropane	NS	NS	ND(0.0058) J	NS
Acetone	NS	NS	ND(0.023) J	NS
Benzene	NS	NS	ND(0.0058)	NS
Ethylbenzene	NS	NS	ND(0.0058)	NS
Tetrachloroethene	NS	NS	ND(0.0058)	NS
Toluene	NS	NS	ND(0.0058)	NS
trans-1,4-Dichloro-2-butene	NS	NS	ND(0.0058)	NS
Trichloroethene	NS	NS	ND(0.0058)	NS
Xylenes (total)	NS	NS	ND(0.0058)	NS
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
2-Methylnaphthalene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Methylphenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
3&4-Methylphenol	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
4-Nitrophenol	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
Acenaphthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
Acenaphthylene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Acetophenone	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Aniline	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(a)anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(a)pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(b)fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(g,h,i)perylene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(k)fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Chrysene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Dibenzofuran	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Diethylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Dimethylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Di-n-Butylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Fluorene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachloroethane	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Naphthalene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosopiperidine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Phenanthrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Phenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Furans				
2,3,7,8-TCDF	ND(0.00000013) [ND(0.00000012) X]	0.0000084 Y	NS	ND(0.00000030)
TCDFs (total)	ND(0.00000012) [ND(0.00000012)]	0.000092	NS	ND(0.00000030)
1,2,3,7,8-PeCDF	ND(0.000000070) X [ND(0.00000032)]	0.0000030 J	NS	0.00000023 J
2,3,4,7,8-PeCDF	ND(0.00000010) [ND(0.00000042)]	0.000020	NS	ND(0.00000019)
PeCDFs (total)	ND(0.00000010) [ND(0.00000083)]	0.00020	NS	ND(0.00000042)
1,2,3,4,7,8-HxCDF	ND(0.00000029) [0.00000041 J]	0.0000090 J	NS	ND(0.00000056)
1,2,3,6,7,8-HxCDF	ND(0.00000010) [0.00000040 J]	0.0000069 J	NS	ND(0.00000025)
1,2,3,7,8,9-HxCDF	ND(0.00000029) [0.00000042 J]	ND(0.0000024)	NS	ND(0.00000056)
2,3,4,6,7,8-HxCDF	ND(0.00000029) [ND(0.00000037) X]	0.000020 J	NS	ND(0.00000056)
HxCDFs (total)	ND(0.00000029) [0.0000012]	0.00030	NS	ND(0.00000025)
1,2,3,4,6,7,8-HpCDF	ND(0.00000029) [0.00000037 J]	0.000026	NS	ND(0.00000026) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000029) [ND(0.00000036)]	0.0000045 J	NS	ND(0.00000056)
HpCDFs (total)	ND(0.00000029) [ND(0.00000074)]	0.000066	NS	ND(0.00000056)
OCDF	ND(0.00000058) [ND(0.00000074)]	0.000017 J	NS	ND(0.0000011)
Dioxins				
2,3,7,8-TCDD	ND(0.00000020) [ND(0.00000012)]	ND(0.0000010) X	NS	ND(0.00000032)
TCDDs (total)	ND(0.00000022) [ND(0.00000027)]	ND(0.00000079)	NS	ND(0.00000066)
1,2,3,7,8-PeCDD	ND(0.00000029) [ND(0.00000031) X]	ND(0.0000017) X	NS	ND(0.00000056)
PeCDDs (total)	ND(0.00000029) [ND(0.00000012)]	0.00000066	NS	ND(0.00000095)
1,2,3,4,7,8-HxCDD	ND(0.00000029) [ND(0.00000042)]	ND(0.00000076) X	NS	ND(0.00000072)
1,2,3,6,7,8-HxCDD	ND(0.00000029) [ND(0.00000044)]	ND(0.0000017) X	NS	ND(0.00000067)
1,2,3,7,8,9-HxCDD	ND(0.00000029) [ND(0.00000042)]	ND(0.0000014) X	NS	ND(0.00000068)
HxCDDs (total)	ND(0.00000037) [0.00000013]	ND(0.0000015)	NS	ND(0.00000099)
1,2,3,4,6,7,8-HpCDD	ND(0.00000040) X [ND(0.00000064)]	ND(0.000011)	NS	ND(0.00000056)
HpCDDs (total)	ND(0.00000029) [ND(0.00000083)]	0.000019	NS	ND(0.00000056)
OCDD	ND(0.0000024) [ND(0.0000023)]	ND(0.000056)	NS	ND(0.0000032)
Total TEQs (WHO TEFs)	0.00000038 [0.00000055]	0.000017	NS	0.00000072
Inorganics				
Antimony	2.00 B [1.90 B]	ND(6.00) J	NS	ND(6.00) J
Arsenic	4.30 [4.10]	5.40	NS	5.80
Barium	18.0 B [18.0 B]	26.0	NS	30.0
Beryllium	0.160 B [0.140 B]	0.210 B	NS	0.230 B
Cadmium	0.490 B [0.390 B]	0.260 B	NS	0.280 B
Chromium	4.30 [3.60]	6.80	NS	8.60
Cobalt	5.60 [5.10]	8.40	NS	10.0
Copper	11.0 [10.0]	22.0	NS	18.0
Cyanide	ND(0.590) [ND(0.600)]	ND(0.580)	NS	ND(0.570)
Lead	4.80 [4.50]	17.0	NS	7.00
Mercury	ND(0.120) [ND(0.120)]	0.0420 B	NS	ND(0.110)
Nickel	9.60 [8.40]	16.0	NS	18.0
Selenium	ND(1.00) [ND(1.00)]	0.830 B	NS	0.960 B
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)
Sulfide	21.0 [13.0]	18.0	NS	9.20
Thallium	ND(1.20) J [ND(1.20) J]	ND(1.20) J	NS	ND(1.10) J
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	NS	ND(10.0)
Vanadium	4.20 B [3.60 B]	6.60	NS	7.80
Zinc	35.0 [26.0]	47.0	NS	50.0

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Volatile Organics				
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Acetone	ND(0.024) J	ND(0.022)	ND(70)	ND(77) [ND(73)]
Benzene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Ethylbenzene	ND(0.0059)	ND(0.0055)	19	ND(3.9) [ND(3.6)]
Tetrachloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Toluene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Trichloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Xylenes (total)	ND(0.0059)	ND(0.0055)	160	35 [24]
Semivolatile Organics				
1,4-Dichlorobenzene	NS	ND(0.37)	ND(0.38)	NS
2-Methylnaphthalene	NS	ND(0.37)	7.2	NS
2-Methylphenol	NS	ND(0.37)	ND(0.38)	NS
3&4-Methylphenol	NS	ND(0.74)	ND(0.75)	NS
4-Nitrophenol	NS	ND(1.9)	ND(1.9)	NS
Acenaphthene	NS	ND(0.37)	0.18 J	NS
Acenaphthylene	NS	0.095 J	ND(0.38)	NS
Acetophenone	NS	ND(0.37)	ND(0.38)	NS
Aniline	NS	ND(0.37)	ND(0.38)	NS
Anthracene	NS	0.079 J	0.45	NS
Benzo(a)anthracene	NS	0.14 J	0.70	NS
Benzo(a)pyrene	NS	0.14 J	0.55	NS
Benzo(b)fluoranthene	NS	0.20 J	0.63	NS
Benzo(g,h,i)perylene	NS	0.14 J	0.29 J	NS
Benzo(k)fluoranthene	NS	0.096 J	0.30 J	NS
Chrysene	NS	0.15 J	0.60	NS
Dibenzo(a,h)anthracene	NS	ND(0.37)	ND(0.38)	NS
Dibenzofuran	NS	ND(0.37)	0.14 J	NS
Diethylphthalate	NS	ND(0.37)	ND(0.38)	NS
Dimethylphthalate	NS	ND(0.37)	ND(0.38)	NS
Di-n-Butylphthalate	NS	ND(0.37)	ND(0.38)	NS
Fluoranthene	NS	0.33 J	1.6	NS
Fluorene	NS	ND(0.37)	0.24 J	NS
Hexachloroethane	NS	ND(0.37)	ND(0.38)	NS
Indeno(1,2,3-cd)pyrene	NS	0.12 J	0.27 J	NS
Naphthalene	NS	ND(0.37)	10	NS
N-Nitrosopiperidine	NS	ND(0.37)	ND(0.38)	NS
Phenanthrene	NS	0.18 J	1.4	NS
Phenol	NS	ND(0.37)	ND(0.38)	NS
Pyrene	NS	0.27 J	1.3	NS

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Furans					
2,3,7,8-TCDF		NS	0.000013 Y	ND(0.0000020) X	NS
TCDFs (total)		NS	0.00013	0.000012	NS
1,2,3,7,8-PeCDF		NS	0.0000065	0.0000016 J	NS
2,3,4,7,8-PeCDF		NS	0.000016	ND(0.0000029) X	NS
PeCDFs (total)		NS	0.00021 QI	0.000017	NS
1,2,3,4,7,8-HxCDF		NS	0.0000075	ND(0.0000023) X	NS
1,2,3,6,7,8-HxCDF		NS	0.0000064	ND(0.0000021) X	NS
1,2,3,7,8,9-HxCDF		NS	0.0000016 JQ	ND(0.0000011) X	NS
2,3,4,6,7,8-HxCDF		NS	0.000018	ND(0.0000018) X	NS
HxCDFs (total)		NS	0.00025	ND(0.000013)	NS
1,2,3,4,6,7,8-HpCDF		NS	0.000026	ND(0.0000031)	NS
1,2,3,4,7,8,9-HpCDF		NS	0.0000026 J	ND(0.0000010)	NS
HpCDFs (total)		NS	0.000063	ND(0.0000056)	NS
OCDF		NS	0.000030	ND(0.0000036) X	NS
Dioxins					
2,3,7,8-TCDD		NS	0.00000066 J	ND(0.0000014)	NS
TCDDs (total)		NS	0.0000019	ND(0.0000029)	NS
1,2,3,7,8-PeCDD		NS	0.0000012 J	ND(0.0000027)	NS
PeCDDs (total)		NS	0.0000048 Q	ND(0.00000077)	NS
1,2,3,4,7,8-HxCDD		NS	0.0000013 J	ND(0.0000028)	NS
1,2,3,6,7,8-HxCDD		NS	0.0000020 J	ND(0.0000027)	NS
1,2,3,7,8,9-HxCDD		NS	0.0000015 J	ND(0.0000027)	NS
HxCDDs (total)		NS	0.000019	ND(0.0000027)	NS
1,2,3,4,6,7,8-HpCDD		NS	0.000030	ND(0.0000033)	NS
HpCDDs (total)		NS	0.000060	ND(0.0000051)	NS
OCDD		NS	0.00021	ND(0.000015)	NS
Total TEQs (WHO TEFs)		NS	0.000016	0.0000038	NS
Inorganics					
Antimony		NS	ND(6.00)	0.950 B	NS
Arsenic		NS	3.40	9.00	NS
Barium		NS	21.0	42.0	NS
Beryllium		NS	0.120 B	0.230 B	NS
Cadmium		NS	0.250 B	0.360 B	NS
Chromium		NS	5.60	10.0	NS
Cobalt		NS	4.90 B	16.0	NS
Copper		NS	15.0	44.0	NS
Cyanide		NS	ND(0.220)	ND(0.220)	NS
Lead		NS	24.0	210	NS
Mercury		NS	0.0470 B	0.0330 B	NS
Nickel		NS	10.0	19.0	NS
Selenium		NS	0.690 B	1.80	NS
Silver		NS	ND(1.00)	1.40	NS
Sulfide		NS	14.0	90.0	NS
Thallium		NS	ND(1.10) J	ND(1.10) J	NS
Tin		NS	ND(10.0)	ND(11.0)	NS
Vanadium		NS	6.10	9.90	NS
Zinc		NS	47.0	61.0	NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C6 6-15 01/10/03	RAA6-C15 3-6 01/07/03	RAA6-C15 4-6 01/07/03	RAA6-C17 0-1 01/02/03
Volatile Organics				
1,1,2,2-Tetrachloroethane	NS	NS	ND(0.0056)	ND(0.0058) J
1,2,3-Trichloropropane	NS	NS	ND(0.0056)	ND(0.0058) J
1,2-Dibromo-3-chloropropane	NS	NS	ND(0.0056)	ND(0.0058) J
Acetone	NS	NS	ND(0.022) J	ND(0.023) J
Benzene	NS	NS	ND(0.0056)	ND(0.0058)
Ethylbenzene	NS	NS	ND(0.0056)	ND(0.0058)
Tetrachloroethene	NS	NS	ND(0.0056)	ND(0.0058)
Toluene	NS	NS	ND(0.0056)	ND(0.0058)
trans-1,4-Dichloro-2-butene	NS	NS	ND(0.0056)	ND(0.0058) J
Trichloroethene	NS	NS	ND(0.0056)	ND(0.0058)
Xylenes (total)	NS	NS	ND(0.0056)	ND(0.0058)
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2-Methylnaphthalene	0.15 J [0.26 J]	ND(0.37)	NS	ND(0.39)
2-Methylphenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
3&4-Methylphenol	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
4-Nitrophenol	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0) J
Acenaphthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Acenaphthylene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Acetophenone	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Aniline	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39) J
Anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Benzo(a)anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.20 J
Benzo(a)pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.22 J
Benzo(b)fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.29 J
Benzo(g,h,i)perylene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.15 J
Benzo(k)fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.15 J
Chrysene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.22 J
Dibenzo(a,h)anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Dibenzofuran	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Diethylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Dimethylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Di-n-Butylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.39
Fluorene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Hexachloroethane	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.12 J
Naphthalene	0.27 J [0.27 J]	ND(0.37)	NS	ND(0.39)
N-Nitrosopiperidine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Phenanthrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.17 J
Phenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.34 J

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C6 6-15 01/10/03	RAA6-C15 3-6 01/07/03	RAA6-C15 4-6 01/07/03	RAA6-C17 0-1 01/02/03
Furans				
2,3,7,8-TCDF	ND(0.00000075) [ND(0.0000013)]	ND(0.00000011)	NS	0.000015 Y
TCDFs (total)	ND(0.00000075) [ND(0.0000013)]	ND(0.00000011)	NS	0.00020
1,2,3,7,8-PeCDF	ND(0.0000017) [ND(0.00000061)]	ND(0.00000027)	NS	0.0000070 J
2,3,4,7,8-PeCDF	ND(0.00000036) X [ND(0.00000092)]	ND(0.000000073)	NS	0.000036
PeCDFs (total)	ND(0.00000014) [ND(0.0000015)]	ND(0.000000073)	NS	0.00034
1,2,3,4,7,8-HxCDF	ND(0.00000055) X [0.00000094 J]	ND(0.00000027)	NS	0.0000090 J
1,2,3,6,7,8-HxCDF	ND(0.0000017) [ND(0.00000057)]	ND(0.00000027)	NS	ND(0.0000087) X
1,2,3,7,8,9-HxCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000023 J
2,3,4,6,7,8-HxCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.000019 J
HxCDFs (total)	ND(0.0000017) [ND(0.0000015)]	ND(0.00000027)	NS	0.00022
1,2,3,4,6,7,8-HpCDF	0.0000010 J [ND(0.0000018)]	ND(0.00000027)	NS	0.000019 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000024) X
HpCDFs (total)	ND(0.0000010) [ND(0.0000018)]	ND(0.00000027)	NS	0.000037
OCDF	ND(0.0000016) [ND(0.0000025) X]	ND(0.00000054)	NS	0.000011 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000081) [ND(0.0000012)]	ND(0.00000013)	NS	ND(0.0000010) X
TCDDs (total)	ND(0.0000024) [ND(0.0000029)]	ND(0.00000020)	NS	0.0000046
1,2,3,7,8-PeCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000017) X
PeCDDs (total)	ND(0.0000031) [ND(0.0000042)]	ND(0.00000027)	NS	0.000014
1,2,3,4,7,8-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000013) X
1,2,3,6,7,8-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000034 J
1,2,3,7,8,9-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000024 J
HxCDDs (total)	ND(0.0000033) [ND(0.0000051)]	ND(0.00000030)	NS	0.000032
1,2,3,4,6,7,8-HpCDD	ND(0.0000018) [ND(0.0000036)]	ND(0.00000024) X	NS	0.000019 J
HpCDDs (total)	ND(0.0000027) [ND(0.0000053)]	ND(0.00000027)	NS	0.000037
OCDD	0.000014 J [ND(0.000019)]	ND(0.0000012)	NS	0.000085
Total TEQs (WHO TEFs)	0.0000020 [0.0000029]	0.00000033	NS	0.000026
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	1.50 B	NS	33.0
Arsenic	8.40 [7.20]	5.60	NS	5.90
Barium	22.0 [17.0 B]	19.0 B	NS	52.0
Beryllium	0.120 B [0.170 B]	0.240 B	NS	0.200 B
Cadmium	0.280 B [0.270 B]	0.490 B	NS	0.370 B
Chromium	8.20 [7.80]	5.00	NS	5.90
Cobalt	12.0 [10.0]	6.60	NS	6.40
Copper	27.0 [20.0]	11.0	NS	88.0
Cyanide	ND(0.240) [ND(0.230)]	ND(0.560)	NS	ND(0.580)
Lead	9.40 [7.30]	9.00	NS	140
Mercury	ND(0.120) [ND(0.120)]	ND(0.110)	NS	0.480
Nickel	19.0 [19.0]	10.0	NS	10.0
Selenium	1.60 [1.00 B]	ND(1.00)	NS	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)
Sulfide	37.0 [32.0]	28.0	NS	47.0
Thallium	ND(1.20) J [ND(1.20) J]	ND(1.10) J	NS	ND(1.20)
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	NS	110
Vanadium	6.70 [6.60]	5.20	NS	6.60
Zinc	58.0 [51.0]	34.0	NS	81.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-D5 0-1 01/14/03	RAA6-D5 1-6 01/14/03	RAA6-D5 4-6 01/14/03	RAA6-D7 0-1 01/13/03	RAA6-D7 1-3 01/13/03
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Acetone	0.015 J	NS	0.021 J	ND(0.023)	ND(0.023)
Benzene	ND(0.0056)	NS	0.020	ND(0.0058)	ND(0.0057)
Ethylbenzene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Tetrachloroethene	0.0044 J	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Toluene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0056) J	NS	ND(0.0053) J	ND(0.0058)	ND(0.0057)
Trichloroethene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Xylenes (total)	ND(0.0056)	NS	0.061	ND(0.0058)	ND(0.0057)
Semivolatile Organics					
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2-Methylnaphthalene	ND(0.37)	0.47	NS	ND(0.39)	0.17 J
2-Methylphenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
3&4-Methylphenol	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
4-Nitrophenol	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
Acenaphthene	ND(0.37)	ND(0.37)	NS	0.14 J	0.91
Acenaphthylene	0.24 J	ND(0.37)	NS	ND(0.39)	0.077 J
Acetophenone	ND(0.37)	0.60	NS	ND(0.39)	ND(0.38)
Aniline	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Anthracene	0.26 J	ND(0.37)	NS	0.33 J	3.2
Benzo(a)anthracene	0.43	ND(0.37)	NS	0.65	5.3
Benzo(a)pyrene	0.56	ND(0.37)	NS	0.56	3.8
Benzo(b)fluoranthene	0.70	ND(0.37)	NS	0.64	4.0
Benzo(g,h,i)perylene	0.40	ND(0.37)	NS	0.32 J	1.8
Benzo(k)fluoranthene	0.27 J	ND(0.37)	NS	0.26 J	1.7
Chrysene	0.36 J	ND(0.37)	NS	0.59	4.3
Dibenzo(a,h)anthracene	0.14 J	ND(0.37)	NS	ND(0.39)	0.57
Dibenzofuran	ND(0.37)	ND(0.37)	NS	ND(0.39)	0.57
Diethylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Dimethylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Di-n-Butylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Fluoranthene	0.60	ND(0.37)	NS	1.5	11
Fluorene	ND(0.37)	ND(0.37)	NS	0.11 J	1.0
Hexachloroethane	ND(0.37)	ND(0.37)	NS	0.099 J	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.38	ND(0.37)	NS	0.30 J	1.7
Naphthalene	ND(0.37)	0.75	NS	ND(0.39)	0.16 J
N-Nitrosopiperidine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Phenanthrene	0.24 J	ND(0.37)	NS	1.1	9.5
Phenol	ND(0.37)	ND(0.37)	NS	8.2	ND(0.38)
Pyrene	0.48	ND(0.37)	NS	ND(0.39)	8.5

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-D5 0-1 01/14/03	RAA6-D5 1-6 01/14/03	RAA6-D5 4-6 01/14/03	RAA6-D7 0-1 01/13/03	RAA6-D7 1-3 01/13/03
Furans					
2,3,7,8-TCDF	ND(0.0000020) X	0.0000016 J	NS	0.0000092 Y	0.0000094 Y
TCDFs (total)	0.0000078	0.0000016	NS	0.00023 Q	0.00015 Q
1,2,3,7,8-PeCDF	ND(0.0000015) X	ND(0.00000084) X	NS	ND(0.0000049) X	0.0000038 JQ
2,3,4,7,8-PeCDF	0.0000043 J	0.0000014 J	NS	0.000024	0.000013 Q
PeCDFs (total)	0.000039	ND(0.0000014)	NS	0.00021 Q	0.00013 QI
1,2,3,4,7,8-HxCDF	ND(0.0000024) X	ND(0.0000029)	NS	0.000010	0.0000072
1,2,3,6,7,8-HxCDF	ND(0.0000019)	ND(0.00000082) X	NS	0.0000086	0.0000059
1,2,3,7,8,9-HxCDF	ND(0.0000012) X	0.00000086 J	NS	0.0000021 JQ	0.0000012 JQ
2,3,4,6,7,8-HxCDF	ND(0.0000033) X	ND(0.00000084) X	NS	0.000017	0.000012
HxCDFs (total)	0.000028	ND(0.0000077)	NS	0.00026 Q	0.00016 Q
1,2,3,4,6,7,8-HpCDF	0.0000053 J	0.0000032 J	NS	0.000045	0.000017
1,2,3,4,7,8,9-HpCDF	ND(0.0000012) X	ND(0.0000018) X	NS	0.0000059	0.0000029 J
HpCDFs (total)	0.000010	0.0000072	NS	0.00013	0.000046
OCDF	0.0000085 J	0.0000077 J	NS	0.00011	0.000046
Dioxins					
2,3,7,8-TCDD	ND(0.0000011)	ND(0.00000097) X	NS	ND(0.00000056) X	ND(0.00000028)
TCDDs (total)	0.0000047	ND(0.0000020)	NS	0.00000021 Q	0.0000014 Q
1,2,3,7,8-PeCDD	ND(0.0000027)	ND(0.0000025)	NS	0.0000018 J	0.00000081 J
PeCDDs (total)	ND(0.0000028)	ND(0.0000026)	NS	0.0000051 Q	0.0000022 Q
1,2,3,4,7,8-HxCDD	ND(0.0000027)	ND(0.0000025)	NS	0.0000028 J	0.00000051 J
1,2,3,6,7,8-HxCDD	ND(0.0000014) X	ND(0.0000025)	NS	0.0000062	0.0000011 J
1,2,3,7,8,9-HxCDD	0.0000015 J	0.00000097 J	NS	0.0000054 J	0.00000083 JQ
HxCDDs (total)	0.0000042	0.0000020	NS	0.000041	0.0000055 Q
1,2,3,4,6,7,8-HpCDD	ND(0.000011)	ND(0.0000052)	NS	0.00011	0.000036
HpCDDs (total)	ND(0.000020)	ND(0.0000097)	NS	0.00018	0.000068
OCDD	ND(0.000060)	ND(0.000032)	NS	0.00071	0.00061
Total TEQs (WHO TEFs)	0.0000051	0.0000033	NS	0.000022	0.000012
Inorganics					
Antimony	ND(6.00)	ND(6.00)	NS	1.30 B	ND(6.00)
Arsenic	7.10	8.60	NS	5.90	6.80
Barium	30.0	26.0	NS	26.0 J	31.0 J
Beryllium	ND(0.50)	ND(0.50)	NS	0.240 B	0.280 B
Cadmium	0.430 B	0.460 B	NS	0.830	0.660
Chromium	6.30	7.40	NS	9.20	7.90
Cobalt	11.0	9.10	NS	6.60 J	9.50 J
Copper	30.0	33.0	NS	46.0	41.0
Cyanide	ND(0.220)	ND(0.220)	NS	0.200 J	ND(0.110)
Lead	36.0	36.0	NS	91.0	44.0
Mercury	0.0750 B	0.190	NS	0.0520 B	0.0510 B
Nickel	13.0	15.0	NS	13.0	16.0
Selenium	1.00 B	1.70	NS	0.890 B	0.810 B
Silver	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	38.0	210	NS	22.0 J	24.0 J
Thallium	ND(1.10) J	ND(1.10) J	NS	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	ND(10.0)	NS	ND(10.0)	ND(10.0)
Vanadium	8.60	6.70	NS	8.00	7.50
Zinc	50.0	110	NS	75.0	53.0

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-D10 0-1 01/13/03	RAA6-D10 6-8 01/13/03	RAA6-D10 6-15 01/13/03	RAA6-D12 0-1 01/09/03	RAA6-D14 0-1 01/07/03
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Acetone	ND(0.022)	ND(0.023)	NS	ND(0.025)	ND(0.021) J
Benzene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Ethylbenzene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Tetrachloroethene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Toluene	ND(0.0055)	ND(0.0058) J	NS	ND(0.0062)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Trichloroethene	ND(0.0055)	ND(0.0058) J	NS	ND(0.0062)	ND(0.0054)
Xylenes (total)	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Semivolatile Organics					
1,4-Dichlorobenzene	ND(0.37)	NS	0.36 J	ND(0.41)	ND(0.36)
2-Methylnaphthalene	ND(0.37)	NS	0.50	ND(0.41)	ND(0.36)
2-Methylphenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
3&4-Methylphenol	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
4-Nitrophenol	ND(1.9)	NS	R	ND(2.1)	ND(1.8)
Acenaphthene	ND(0.37)	NS	ND(0.39) J	ND(0.41)	ND(0.36)
Acenaphthylene	0.12 J	NS	ND(0.39)	0.22 J	ND(0.36)
Acetophenone	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Aniline	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Anthracene	0.076 J	NS	ND(0.39)	0.22 J	ND(0.36)
Benzo(a)anthracene	0.37	NS	ND(0.39)	0.80	ND(0.36)
Benzo(a)pyrene	0.36 J	NS	ND(0.39)	0.80	ND(0.36)
Benzo(b)fluoranthene	0.59	NS	ND(0.39)	1.1	ND(0.36)
Benzo(g,h,i)perylene	0.30 J	NS	ND(0.39)	0.53	ND(0.36)
Benzo(k)fluoranthene	0.23 J	NS	ND(0.39)	0.45	ND(0.36)
Chrysene	0.38	NS	ND(0.39)	0.80	ND(0.36)
Dibenzo(a,h)anthracene	0.096 J	NS	ND(0.39)	0.14 J	ND(0.36)
Dibenzofuran	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Diethylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Dimethylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Di-n-Butylphthalate	ND(0.37)	NS	ND(0.39)	0.11 J	ND(0.36)
Fluoranthene	0.98	NS	ND(0.39)	2.0	ND(0.36)
Fluorene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachloroethane	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.28 J	NS	ND(0.39)	0.49	ND(0.36)
Naphthalene	ND(0.37)	NS	0.81	ND(0.41)	ND(0.36)
N-Nitrosopiperidine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Phenanthrene	0.43	NS	ND(0.39)	0.97	ND(0.36)
Phenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Pyrene	0.66	NS	ND(0.39)	1.4	ND(0.36)

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

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

Parameter / Sample ID:	RAA6-D10	RAA6-D10	RAA6-D10	RAA6-D12	RAA6-D14
Sample Depth(Feet):	0-1	6-8	6-15	0-1	0-1
Date Collected:	01/13/03	01/13/03	01/13/03	01/09/03	01/07/03
Furans					
2,3,7,8-TCDF	0.0000044 Y	NS	0.00000061 J	0.0000076 Y	0.0000013 J
TCDFs (total)	0.000047 Q	NS	0.0000018	0.000090	0.000014
1,2,3,7,8-PeCDF	0.0000020 JQ	NS	0.0000010 J	0.0000030 J	0.0000011 J
2,3,4,7,8-PeCDF	0.0000065	NS	0.0000014 J	0.000013	0.0000044 J
PeCDFs (total)	0.000077 Q	NS	0.0000068 Q	0.00017 Q	0.000035
1,2,3,4,7,8-HxCDF	0.0000032 J	NS	0.0000028 J	0.000014	0.0000018 J
1,2,3,6,7,8-HxCDF	0.0000028 J	NS	0.0000012 J	0.0000081	0.0000016 J
1,2,3,7,8,9-HxCDF	0.0000015 JQ	NS	0.0000013 J	0.0000018 JQ	0.00000088 J
2,3,4,6,7,8-HxCDF	0.0000060	NS	0.0000014 J	0.000018	0.0000040 J
HxCDFs (total)	0.000081	NS	0.000011	0.00028 Q	0.000043
1,2,3,4,6,7,8-HpCDF	0.000019	NS	0.0000055 J	0.000089	0.0000033 J
1,2,3,4,7,8,9-HpCDF	0.0000030 J	NS	0.0000024 J	0.000010	0.00000084 J
HpCDFs (total)	0.000064	NS	0.000016	0.00028	0.0000085
OCDF	0.000076	NS	0.000019	0.00032	0.0000035 J
Dioxins					
2,3,7,8-TCDD	ND(0.00000033) X	NS	ND(0.00000023)	0.00000058 J	ND(0.00000026)
TCDDs (total)	0.00000035 Q	NS	ND(0.00000023)	0.0000022	ND(0.00000026)
1,2,3,7,8-PeCDD	ND(0.0000012) XQ	NS	ND(0.00000077) X	0.0000022 J	0.00000067 J
PeCDDs (total)	0.0000016 Q	NS	0.00000038	0.0000086 Q	ND(0.00000067)
1,2,3,4,7,8-HxCDD	0.0000013 J	NS	0.00000077 J	0.0000033 J	ND(0.00000076) X
1,2,3,6,7,8-HxCDD	0.0000025 J	NS	0.0000012 J	0.000010	ND(0.0000011)
1,2,3,7,8,9-HxCDD	0.0000022 J	NS	0.0000012 J	0.0000064	ND(0.0000010)
HxCDDs (total)	0.000016	NS	0.0000042	0.000063	0.0000040
1,2,3,4,6,7,8-HpCDD	0.000047	NS	0.000011	0.00025	0.0000027 J
HpCDDs (total)	0.000080	NS	0.000020	0.00042	0.0000046
OCDD	0.00036	NS	0.000073	0.0018	ND(0.000014)
Total TEQs (WHO TEFs)	0.0000072	NS	0.0000025	0.000020	0.0000042
Inorganics					
Antimony	0.960 B	NS	1.90 B	1.50 J	2.50 B
Arsenic	6.80	NS	5.20	7.90	6.80
Barium	23.0 J	NS	15.0 J	37.0	24.0
Beryllium	0.190 B	NS	0.190 B	0.660	0.200 B
Cadmium	0.690	NS	0.570	1.00	1.90
Chromium	10.0	NS	5.60	14.0	5.30
Cobalt	10.0 J	NS	6.60 J	8.90	5.70
Copper	40.0	NS	16.0	41.0	19.0
Cyanide	ND(0.220)	NS	ND(0.580)	0.220 B	ND(0.110)
Lead	29.0	NS	6.80	140	18.0
Mercury	0.0280 B	NS	ND(0.120)	0.100 B	ND(0.110)
Nickel	18.0	NS	10.0	18.0	8.10
Selenium	1.10	NS	0.530 B	1.60	0.860 B
Silver	ND(1.00)	NS	ND(1.00)	0.550 B	ND(1.00)
Sulfide	26.0 J	NS	37.0 J	16.0	19.0
Thallium	ND(1.10) J	NS	ND(1.20) J	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	NS	ND(10.0)	5.90 B	ND(10.0)
Vanadium	8.00	NS	4.40 B	12.0	3.40 B
Zinc	63.0	NS	31.0	100	34.0

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

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

Parameter / Sample ID:	RAA6-E1	RAA6-E1	RAA6-E1	RAA6-E3	RAA6-E3
Sample Depth(Feet):	0-1	6-15	12-15	0-1	1-6
Date Collected:	01/09/03	01/09/03	01/09/03	01/14/03	01/14/03
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2,3-Trichloropropane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2-Dibromo-3-chloropropane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Acetone	ND(0.024) J	NS	ND(0.023) J	ND(0.023)	NS
Benzene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Ethylbenzene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Tetrachloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Toluene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
trans-1,4-Dichloro-2-butene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059) J	NS
Trichloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Xylenes (total)	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Semivolatile Organics					
1,4-Dichlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Methylnaphthalene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Methylphenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
3&4-Methylphenol	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
4-Nitrophenol	ND(3.3)	ND(2.0)	NS	ND(2.0)	ND(1.9)
Acenaphthene	ND(0.65)	ND(0.38)	NS	0.12 J	ND(0.37)
Acenaphthylene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Acetophenone	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Aniline	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Anthracene	ND(0.65)	ND(0.38)	NS	0.20 J	0.13 J
Benzo(a)anthracene	0.27 J	ND(0.38)	NS	0.45	0.17 J
Benzo(a)pyrene	0.30 J	ND(0.38)	NS	0.39	0.16 J
Benzo(b)fluoranthene	0.33 J	ND(0.38)	NS	0.48	0.14 J
Benzo(g,h,i)perylene	0.18 J	ND(0.38)	NS	0.27 J	0.085 J
Benzo(k)fluoranthene	ND(0.65)	ND(0.38)	NS	0.18 J	0.079 J
Chrysene	0.27 J	ND(0.38)	NS	0.39	0.15 J
Dibenzo(a,h)anthracene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Dibenzofuran	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Diethylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Dimethylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Di-n-Butylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Fluoranthene	0.53 J	ND(0.38)	NS	1.2	0.46
Fluorene	ND(0.65)	ND(0.38)	NS	0.11 J	ND(0.37)
Hexachloroethane	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.16 J	ND(0.38)	NS	0.23 J	ND(0.37)
Naphthalene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosopiperidine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Phenanthrene	0.24 J	ND(0.38)	NS	0.88	0.43
Phenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Pyrene	0.46 J	ND(0.38)	NS	0.97	0.35 J

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

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

Parameter / Sample ID:	RAA6-E1	RAA6-E1	RAA6-E1	RAA6-E3	RAA6-E3
Sample Depth(Feet):	0-1	6-15	12-15	0-1	1-6
Date Collected:	01/09/03	01/09/03	01/09/03	01/14/03	01/14/03
Furans					
2,3,7,8-TCDF	0.0000037 Y	0.00000024 J	NS	0.0000086 Y	0.0000067 Y
TCDFs (total)	0.000048	0.00000024	NS	0.000069	0.000042
1,2,3,7,8-PeCDF	0.0000013 J	0.00000020 J	NS	ND(0.0000039) X	0.0000035 J
2,3,4,7,8-PeCDF	0.000010	ND(0.00000024)	NS	0.000012	0.0000050 J
PeCDFs (total)	0.00011 Q	ND(0.0000013)	NS	0.00013 Q	0.000065
1,2,3,4,7,8-HxCDF	0.0000031 J	ND(0.00000026)	NS	0.0000074	0.0000035 J
1,2,3,6,7,8-HxCDF	0.0000030 J	ND(0.00000024) X	NS	0.0000057 J	0.0000023 J
1,2,3,7,8,9-HxCDF	ND(0.00000069)	ND(0.00000054)	NS	0.0000039 JQ	0.00000083 J
2,3,4,6,7,8-HxCDF	0.0000066	ND(0.00000016)	NS	0.000011	0.0000056
HxCDFs (total)	0.00010 Q	ND(0.0000011)	NS	0.00017 Q	0.000071
1,2,3,4,6,7,8-HpCDF	0.000024	ND(0.00000037)	NS	0.000060	0.0000092
1,2,3,4,7,8,9-HpCDF	0.0000014 J	ND(0.00000054)	NS	0.0000092	0.0000012 J
HpCDFs (total)	0.000065	ND(0.00000078)	NS	0.00019	0.000022
OCDF	0.000057	0.00000067 J	NS	0.00023	0.000013
Dioxins					
2,3,7,8-TCDD	ND(0.00000042) X	ND(0.00000022)	NS	ND(0.00000074) X	ND(0.00000039) X
TCDDs (total)	0.00000068	ND(0.00000070)	NS	0.0000012	ND(0.00000040)
1,2,3,7,8-PeCDD	0.0000010 J	ND(0.00000054)	NS	0.0000031 J	ND(0.00000052) X
PeCDDs (total)	0.0000060 Q	ND(0.00000086)	NS	0.000010 Q	ND(0.00000083)
1,2,3,4,7,8-HxCDD	ND(0.00000089) X	ND(0.00000054)	NS	0.0000067	0.00000076 J
1,2,3,6,7,8-HxCDD	0.0000031 J	ND(0.00000054)	NS	0.000010	0.00000079 J
1,2,3,7,8,9-HxCDD	0.0000021 J	ND(0.00000054)	NS	0.0000090	ND(0.00000077) X
HxCDDs (total)	0.000020	ND(0.00000054)	NS	0.000072	0.0000071
1,2,3,4,6,7,8-HpCDD	0.000069	ND(0.00000072)	NS	0.00019	0.000011
HpCDDs (total)	0.00013	ND(0.0000012)	NS	0.00039	0.000024
OCDD	0.00064	ND(0.0000053)	NS	0.0016	0.000084
Total TEQs (WHO TEFs)	0.0000095	0.00000062	NS	0.000019	0.0000054
Inorganics					
Antimony	ND(6.00) J	ND(6.00) J	NS	ND(6.00)	ND(6.00)
Arsenic	5.60	5.60	NS	6.20	6.80
Barium	35.0	22.0	NS	58.0	36.0
Beryllium	0.240 B	0.140 B	NS	ND(0.50)	ND(0.50)
Cadmium	0.380 B	0.250 B	NS	0.960	0.580
Chromium	8.80	6.80	NS	12.0	8.10
Cobalt	8.50	8.70	NS	10.0	9.30
Copper	20.0	16.0	NS	33.0	23.0
Cyanide	ND(0.240)	ND(0.580)	NS	ND(0.230)	ND(0.220)
Lead	32.0	7.30	NS	72.0	41.0
Mercury	0.0860 B	ND(0.120)	NS	0.0720 B	0.0520 B
Nickel	16.0	16.0	NS	16.0	16.0
Selenium	1.20	1.00	NS	1.80	1.60
Silver	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	ND(6.10)	ND(5.80)	NS	11.0	12.0
Thallium	ND(1.20) J	ND(1.20) J	NS	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	ND(10.0) J	NS	ND(10.0)	ND(10.0)
Vanadium	9.60	6.20	NS	12.0	7.20
Zinc	64.0	45.0	NS	110	76.0

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 4-6 01/14/03
Volatile Organics	
1,1,2,2-Tetrachloroethane	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0057)
Acetone	ND(0.023)
Benzene	ND(0.0057)
Ethylbenzene	ND(0.0057)
Tetrachloroethene	0.0034 J
Toluene	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0057) J
Trichloroethene	ND(0.0057)
Xylenes (total)	ND(0.0057)
Semivolatile Organics	
1,4-Dichlorobenzene	NS
2-Methylnaphthalene	NS
2-Methylphenol	NS
3&4-Methylphenol	NS
4-Nitrophenol	NS
Acenaphthene	NS
Acenaphthylene	NS
Acetophenone	NS
Aniline	NS
Anthracene	NS
Benzo(a)anthracene	NS
Benzo(a)pyrene	NS
Benzo(b)fluoranthene	NS
Benzo(g,h,i)perylene	NS
Benzo(k)fluoranthene	NS
Chrysene	NS
Dibenzo(a,h)anthracene	NS
Dibenzofuran	NS
Diethylphthalate	NS
Dimethylphthalate	NS
Di-n-Butylphthalate	NS
Fluoranthene	NS
Fluorene	NS
Hexachloroethane	NS
Indeno(1,2,3-cd)pyrene	NS
Naphthalene	NS
N-Nitrosopiperidine	NS
Phenanthrene	NS
Phenol	NS
Pyrene	NS

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 / 4-6 / 01/14/03
Furans		
2,3,7,8-TCDF		NS
TCDFs (total)		NS
1,2,3,7,8-PeCDF		NS
2,3,4,7,8-PeCDF		NS
PeCDFs (total)		NS
1,2,3,4,7,8-HxCDF		NS
1,2,3,6,7,8-HxCDF		NS
1,2,3,7,8,9-HxCDF		NS
2,3,4,6,7,8-HxCDF		NS
HxCDFs (total)		NS
1,2,3,4,6,7,8-HpCDF		NS
1,2,3,4,7,8,9-HpCDF		NS
HpCDFs (total)		NS
OCDF		NS
Dioxins		
2,3,7,8-TCDD		NS
TCDDs (total)		NS
1,2,3,7,8-PeCDD		NS
PeCDDs (total)		NS
1,2,3,4,7,8-HxCDD		NS
1,2,3,6,7,8-HxCDD		NS
1,2,3,7,8,9-HxCDD		NS
HxCDDs (total)		NS
1,2,3,4,6,7,8-HpCDD		NS
HpCDDs (total)		NS
OCDD		NS
Total TEQs (WHO TEFs)		NS
Inorganics		
Antimony		NS
Arsenic		NS
Barium		NS
Beryllium		NS
Cadmium		NS
Chromium		NS
Cobalt		NS
Copper		NS
Cyanide		NS
Lead		NS
Mercury		NS
Nickel		NS
Selenium		NS
Silver		NS
Sulfide		NS
Thallium		NS
Tin		NS
Vanadium		NS
Zinc		NS

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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, 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. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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
ES1-7	ES107.502	0.5-2	10/9/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.4	1.4
	ES10700.5	0-0.5	5/16/1996	ND(0.044)	ND(0.090)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.45	0.45
	ES1070204	2-4	5/16/1996	ND(0.035)	ND(0.072)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.7	1.7
	ES1070406	4-6	5/16/1996	ND(0.039)	ND(0.080)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	6.4	6.4
	ES1070608	6-8	5/16/1996	ND(0.039) [ND(2.1)]	ND(0.080) [ND(4.3)]	ND(0.039) [ND(2.1)]	ND(0.039) [ND(2.1)]	ND(0.039) [ND(2.1)]	ND(0.039) [ND(2.1)]	1.8 P [2.7 P]	1.8 [2.7]
	ES1071416	14-16	5/16/1996	ND(1.8)	ND(3.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(3.8)
ES1-8	ES108.502	0.5-2	10/9/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.34	0.34
	ES10800.5	0-0.5	5/16/1996	ND(0.040)	ND(0.081)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.1	1.1
	ES1080204	2-4	5/16/1996	ND(0.036)	ND(0.073)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.4	1.4
	ES1080406	4-6	5/16/1996	ND(3.9)	ND(7.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	7.7	7.7
	ES1081416	14-16	5/16/1996	ND(0.037)	ND(0.075)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.075)
ES1-9	ES109.502	0.5-2	10/9/1996	ND(0.040)	ND(0.080)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	2.2	2.2
	ES10900.5	0-0.5	5/16/1996	ND(0.041)	ND(0.083)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	1.9	1.9
	ES1090204	2-4	5/16/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.73	0.73
	ES1090406	4-6	5/16/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.078)
	ES1090608	6-8	5/16/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.078)
ES1-14	ES1140002	0-2	7/29/1996	ND(0.34)	ND(0.70)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	1.8 P	1.8
	ES1140204	2-4	7/29/1996	ND(0.18)	ND(0.36)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.23	0.23
	ES1140406	4-6	7/29/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.078)
	ES1140608	6-8	7/29/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.078)
	ES1140810	8-10	7/29/1996	ND(0.037)	ND(0.075)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	5.0	5.0
	ES1141012	10-12	7/29/1996	ND(0.035)	ND(0.070)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.060 P	0.060
	ES1141214	12-14	7/29/1996	ND(0.040)	ND(0.081)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.081)
	ES1141416	14-16	7/29/1996	ND(0.037)	ND(0.075)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.30	0.30
GEI106-SB3	GEI106-SB3	5-7	6/8/1994	NR	NR	NR	NR	NR	NR	NR	ND(1.0)
130	SL-56	2-2.5	3/3/1980	NR	NR	NR	NR	NR	NR	NR	1.3
	SL-57	4-5	3/3/1980	NR	NR	NR	NR	NR	NR	NR	ND(1.0)
	SL-59	6-7	3/3/1980	NR	NR	NR	NR	NR	NR	NR	2.6
	SL-60	8-9	3/3/1980	NR	NR	NR	NR	NR	NR	NR	3.1
	SL-61	9-10	3/3/1980	NR	NR	NR	NR	NR	NR	NR	0.10

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. NR - Not Reported. Total PCB data was entered from summary data tables and not the laboratory report form.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:
P - The analyte is detected in the sample. The percent difference in the concentrations calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.

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

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

Location ID:	ES1-7	ES1-8	ES1-9	ES1-14
Sample ID:	ES1070606	ES1080406	ES1090406	ES1141416
Sample Depth(Feet):	6-8	4-6	4-6	14-16
Parameter / Date Collected:	05/16/96	05/16/96	05/16/96	07/29/96
Volatile Organics				
Acetone	0.032 JB [0.033 JB]	0.050 JB	0.023 JB	0.023 JB
Methylene Chloride	0.013 JB [0.011 JB]	0.010 JB	0.013 JB	0.014 JB
Semivolatile Organics				
1,3-Dichlorobenzene	0.064 J [ND(3.3)]	ND(3.0)	ND(3.0)	ND(0.57)
1,4-Dichlorobenzene	0.46 J [ND(3.4)]	ND(3.1)	ND(3.1)	ND(0.58)
2,4-Dimethylphenol	ND(0.73) [ND(3.9)]	0.34 J	ND(3.6)	ND(0.69)
bis(2-Ethylhexyl)phthalate	0.10 J [ND(4.9)]	ND(4.5)	ND(4.4)	0.47 J
Furans				
2,3,7,8-TCDF	ND(0.00000025) [ND(0.00000035)]	0.00000079 J	ND(0.000000067)	ND(0.00000010)
TCDFs (total)	ND(0.00000025) [ND(0.00000035)]	0.00000079	ND(0.00000010)	ND(0.00000010)
1,2,3,7,8-PeCDF	ND(0.000000091) [ND(0.00000011)]	ND(0.0000038) Y	ND(0.00000011)	ND(0.000000051)
2,3,4,7,8-PeCDF	ND(0.00000017) [ND(0.00000025)]	ND(0.00000066)	ND(0.000000092)	ND(0.000000056)
PeCDFs (total)	ND(0.00000050) [ND(0.00000088)]	ND(0.0000038)	ND(0.00000025)	ND(0.000000051)
1,2,3,4,7,8-HxCDF	ND(0.00000057) [ND(0.0000010)]	0.0000036 J	ND(0.000000066)	ND(0.000000043)
1,2,3,6,7,8-HxCDF	ND(0.00000020) [ND(0.00000018)]	ND(0.00000059)	ND(0.000000066)	ND(0.000000035)
1,2,3,7,8,9-HxCDF	ND(0.00000020) [ND(0.00000020)]	ND(0.00000055)	ND(0.000000051)	ND(0.000000047)
2,3,4,6,7,8-HxCDF	ND(0.00000021) [ND(0.00000034)]	ND(0.00000093)	ND(0.000000093)	ND(0.000000041)
HxCDFs (total)	ND(0.00000096) [ND(0.0000016)]	0.0000036	ND(0.00000051)	ND(0.000000035)
1,2,3,4,6,7,8-HpCDF	ND(0.0000012) [ND(0.0000014)]	0.0000045 J	ND(0.00000026)	ND(0.000000028)
1,2,3,4,7,8,9-HpCDF	ND(0.00000079) [ND(0.00000078)]	ND(0.0000031)	ND(0.00000021)	ND(0.000000032)
HpCDFs (total)	ND(0.0000017) [ND(0.0000023)]	0.000011	ND(0.00000045)	ND(0.000000028)
OCDF	0.000017 [ND(0.0000061)]	0.000015	ND(0.0000038)	ND(0.000000058)
Dioxins				
2,3,7,8-TCDD	ND(0.000000085) [ND(0.00000020)]	ND(0.00000013)	ND(0.00000012)	ND(0.000000067)
TCDDs (total)	ND(0.00000028) [ND(0.00000020)]	ND(0.00000054)	ND(0.00000012)	ND(0.000000067)
1,2,3,7,8-PeCDD	ND(0.00000020) [ND(0.00000011)]	ND(0.00000045)	ND(0.000000087)	ND(0.00000010)
PeCDDs (total)	ND(0.00000045) [ND(0.00000020)]	ND(0.00000075)	ND(0.00000017)	ND(0.00000010)
1,2,3,4,7,8-HxCDD	ND(0.000000092) [ND(0.000000072)]	ND(0.00000036)	ND(0.000000055)	ND(0.000000071)
1,2,3,6,7,8-HxCDD	ND(0.000000093) [ND(0.00000017)]	ND(0.00000066)	ND(0.000000053)	ND(0.000000059)
1,2,3,7,8,9-HxCDD	ND(0.000000097) [ND(0.000000075)]	ND(0.00000070)	ND(0.000000085)	ND(0.000000063)
HxCDDs (total)	ND(0.00000031) [ND(0.00000048)]	0.0000043	ND(0.00000017)	ND(0.000000059)
1,2,3,4,6,7,8-HpCDD	ND(0.0000021) [ND(0.0000031)]	0.0000060 J	ND(0.00000052)	ND(0.000000060)
HpCDDs (total)	ND(0.0000021) [ND(0.0000031)]	0.000011	ND(0.00000057)	ND(0.000000060)
OCDD	0.000021 [0.000029]	0.000045	ND(0.0000065)	ND(0.000000084)
Total TEQs (WHO TEFs)	0.00000030 [0.00000037]	0.0000013	0.00000016	0.00000012

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	ES1-7 / ES1070606 / 6-8 / 05/16/96	ES1-8 / ES1080406 / 4-6 / 05/16/96	ES1-9 / ES1090406 / 4-6 / 05/16/96	ES1-14 / ES1141416 / 14-16 / 07/29/96
Inorganics					
Antimony		0.500 BN [ND(0.390) N]	ND(0.350) N	ND(0.340) N	ND(0.250) N
Arsenic		7.10 [7.60]	4.90	3.00	3.80
Barium		35.1 [20.5 B]	10.7 B	16.4 B	22.7
Beryllium		0.390 B [0.300 B]	0.260 B	0.270 B	0.180 B
Chromium		11.4 [8.50]	5.70	4.70	7.30
Cobalt		12.1 [9.80]	15.6	5.80	7.90 E
Copper		29.2 [36.0]	29.2	12.3	14.7 *
Lead		9.20 [9.40]	7.80	5.50	7.40 E
Mercury		ND(0.110) N [ND(0.130) N]	ND(0.120) N	0.130 N	ND(0.110)
Nickel		22.9 [17.8]	20.6	10.1	14.5 E
Tin		ND(1.00) [ND(1.10)]	ND(1.00)	ND(0.980)	1.40 B
Vanadium		8.30 [5.70 B]	3.60 B	3.60 B	5.40 B
Zinc		74.7 [50.9]	42.4	35.0	46.6

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
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. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.
6. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)
B - Analyte was also detected in the associated method blank.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
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).
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 EAST STREET AREA 1-NORTH 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
RAA6-C5	1N-BH000887-0-0060	6-15	1/9/2003	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	2.0	2.0
RAA6-C3	1N-BH000896-0-0100	10-12	1/15/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.1	2.1

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.

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

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C5 1N-BH000887-0-0060 6-15 01/09/03	RAA6-E6 1N-BH000891-0-0060 6-15 01/13/03	RAA6-E6 1N-BH000891-0-0080 8-10 01/13/03	RAA6-C3 1N-BH000896-0-0100 10-12 01/15/03
Volatile Organics				
1,3-Dichlorobenzene	0.32 J	NS	ND(0.49)	NS
1,4-Dichlorobenzene	2.3	NS	0.27 J	NS
2-Butanone	R	NS	0.22 J	NS
2-Hexanone	ND(0.46)	NS	6.1	NS
Bromoform	0.095 J	NS	0.14 J	NS
m&p-Xylene	ND(0.46)	NS	0.20 J	NS
Methyl Methacrylate	ND(0.46)	NS	0.73	NS
Xylenes (total)	ND(0.46)	NS	0.21 J	NS
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.34)	ND(0.39)	NS	0.086 J
1,3-Dichlorobenzene	0.022 J	ND(0.39)	NS	0.18 J
1,4-Dichlorobenzene	0.13 J	ND(0.39)	NS	1.4 J
Herbicides				
None Detected	--	--	--	--
Inorganics				
Arsenic	5.00	11.8	NS	8.90 J
Barium	20.8	22.7	NS	34.9
Beryllium	0.170 J	0.220 J	NS	0.290 J
Chromium	6.90	11.9 J	NS	14.2
Cobalt	8.50	16.6	NS	14.1
Copper	15.0	31.2	NS	41.3
Lead	7.20	11.0 J	NS	10.4 J
Nickel	13.9	26.0	NS	26.7
Silver	0.170 J	0.290 J	NS	ND(0.190)
Tin	ND(0.490)	ND(0.870)	NS	0.550 J
Vanadium	8.50	13.8 J	NS	13.4
Zinc	49.0	80.4	NS	92.7

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. Only detected constituents are summarized.

Data Qualifiers:

J - Estimated Value.
R - Rejected.

Figures

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

NOTES:

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

L: ON=*, OFF=REF
P: PAGESET/PLT-DL
4/25/03 SYR-54-DMW DMW GMS
N/40189023/40189B01.DWG

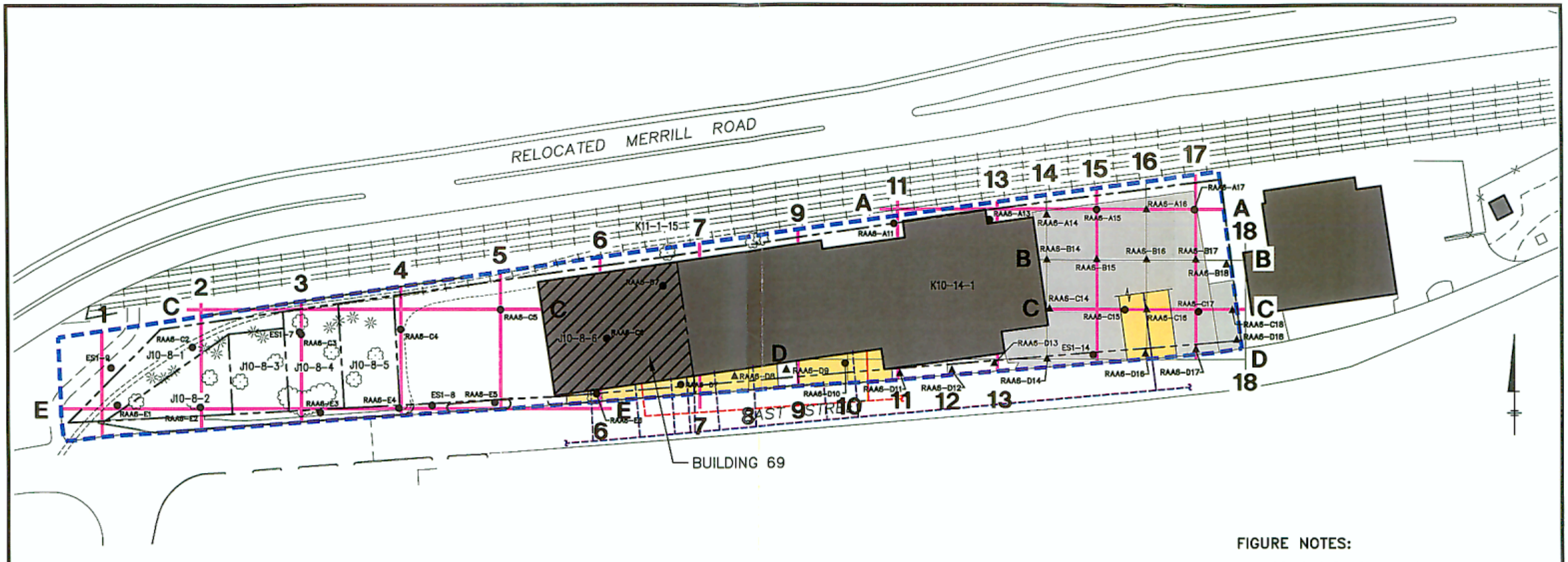
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PRE–DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 1 – NORTH

SITE LOCATION

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

FIGURE 1



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FENCE
- PROPERTY LINE (APPROXIMATE)
- ▲ RAA6-B14 EXISTING SURFACE SOIL SAMPLE LOCATION
- ● ES1-14 EXISTING SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- 100-FOOT SUBSURFACE SAMPLING GRID
- 50-FOOT SURFACE SAMPLING GRID
- BUILDING
- BUILDING 69 TO BE DEMOLISHED
- PAVED AREA
- WATER LINE
- SEWER LINE
- 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 DIGITZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPARTMENT DRAWINGS DEPICTING MERRILL ROAD REALIGNMENT, 1/14/98; AND SURVEY INFORMATION PROVIDED BY WHITE ENGINEERING DEPICTING RELOCATED EAST STREET, 5/7/01.
2. ALL LOCATIONS ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 1 - NORTH

EXISTING PCB CHARACTERIZATION LOCATIONS

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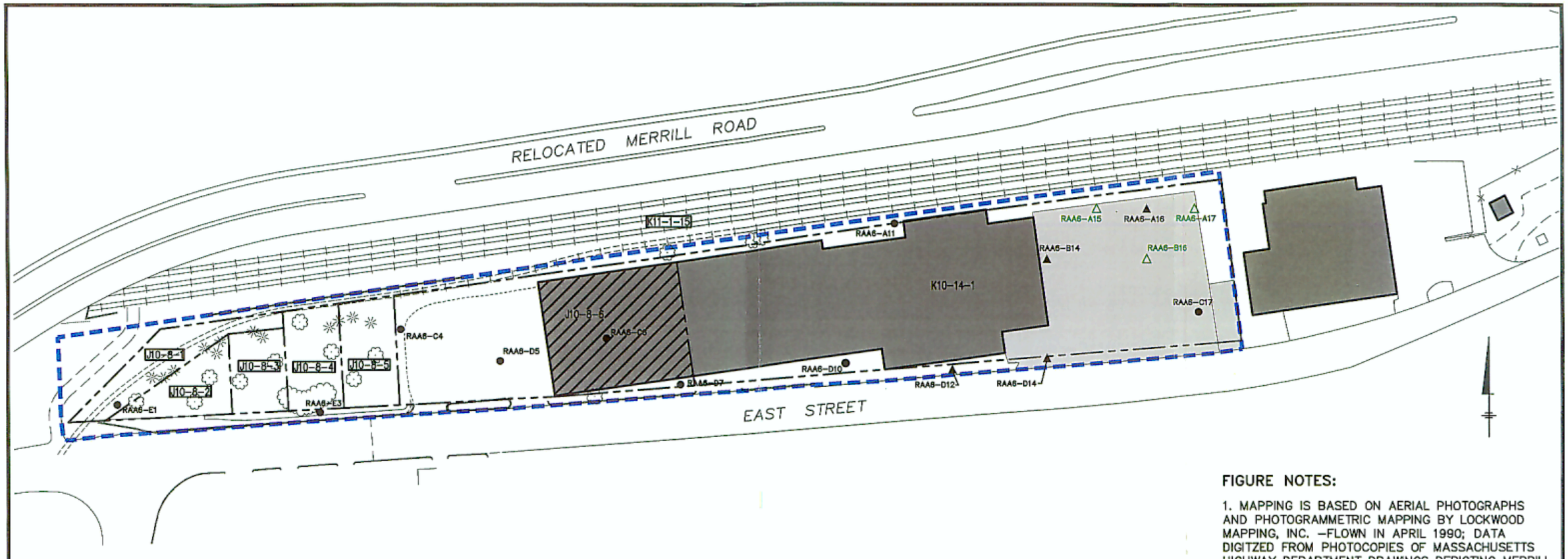
FIGURE 2

X: 40189X01.DWG
L: ON=*, OFF=REF*, |PRO-SOIL
P: PAGESET/PLT-BL
4/25/03 SYR-54-DMW DMW GMS
N/40189023/40189B02.DWG



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FENCE
- PROPERTY LINE (APPROXIMATE)
- ▲ RAA6-D12 EXISTING SURFACE SOIL SAMPLE LOCATION
- ● RAA6-C5 EXISTING SOIL BORING LOCATION
- BUILDING
- BUILDING 69 TO BE DEMOLISHED
- PAVED AREA
- △ RAA6-A17 PROPOSED SURFACE SOIL SAMPLE LOCATION (LEAD ONLY)

FIGURE NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. –FLOWN IN APRIL 1990; DATA DIGITZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPARTMENT DRAWINGS DEPICTING MERRILL ROAD REALIGNMENT, 1/14/98; AND SURVEY INFORMATION PROVIDED BY WHITE ENGINEERING DEPICTING RELOCATED EAST STREET, 5/7/01.
2. ALL LOCATIONS ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. EXISTING SOIL SAMPLES USED TO SATISFY APPENDIX IX+3 CHARACTERIZATION INCLUDES ANALYSES FOR VOLATILE ORGANIC COMPOUNDS (VOCs), SEMI–VOLATILE ORGANIC COMPOUNDS (SVOCs), POLYCHLORINATED DIBENZO–P–DIOXINS (PCDDs)/POLYCHLORINATED DIBENZOFURANS (PCDFs) AND INORGANICS.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

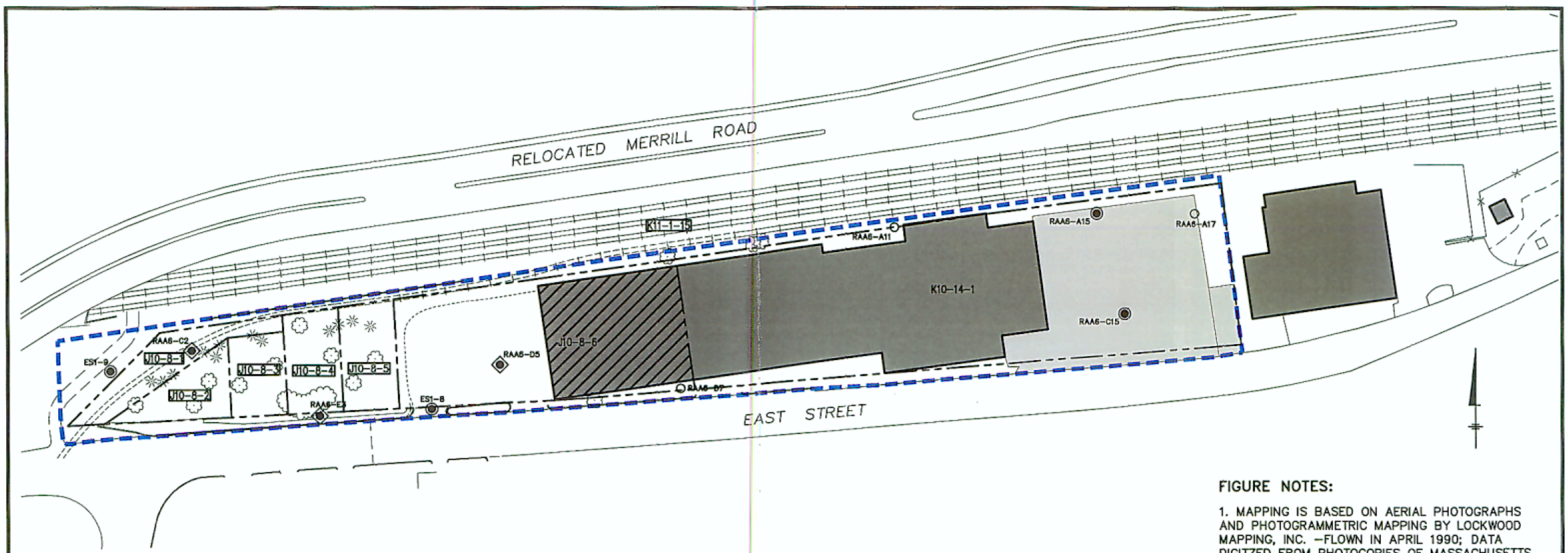
PRE–DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 1 – NORTH

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

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

FIGURE 3

X: 40189X01.DWG
L: ON=*, OFF=*REF*, |PRO-SOIL
P: PAGESET/PLT-BL
4/25/03 SYR-54-DMW DMW GMS
N/40189023/40189B03.DWG



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FENCE
- PROPERTY LINE (APPROXIMATE)
- BUILDING
- BUILDING 69 TO BE DEMOLISHED
- PAVED AREA
- RAA6-A17 — EXISTING SOIL BORING LOCATION (1– TO 3–FOOT DEPTH INTERVAL)
- RAA6-E3 — EXISTING SOIL BORING LOCATION (1– TO 6–FOOT DEPTH INTERVAL)
- RAA6-A15 — EXISTING SOIL BORING LOCATION (3– TO 6–FOOT DEPTH INTERVAL)

FIGURE NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. –FLOWN IN APRIL 1990; DATA DIGITZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPARTMENT DRAWINGS DEPICTING MERRILL ROAD REALIGNMENT, 1/14/98; AND SURVEY INFORMATION PROVIDED BY WHITE ENGINEERING DEPICTING RELOCATED EAST STREET, 5/7/01.

2. ALL LOCATIONS ARE APPROXIMATE.

3. NOT ALL PHYSICAL FEATURES SHOWN.

4. EXISTING SOIL SAMPLES USED TO SATISFY APPENDIX IX+3 CHARACTERIZATION INCLUDES ANALYSES FOR VOLATILE ORGANIC COMPOUNDS (VOCs), SEMI–VOLATILE ORGANIC COMPOUNDS (SVOCs), POLYCHLORINATED DIBENZO–P–DIOXINS (PCDDs)/POLYCHLORINATED DIBENZOFURANS (PCDFs) AND INORGANICS.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

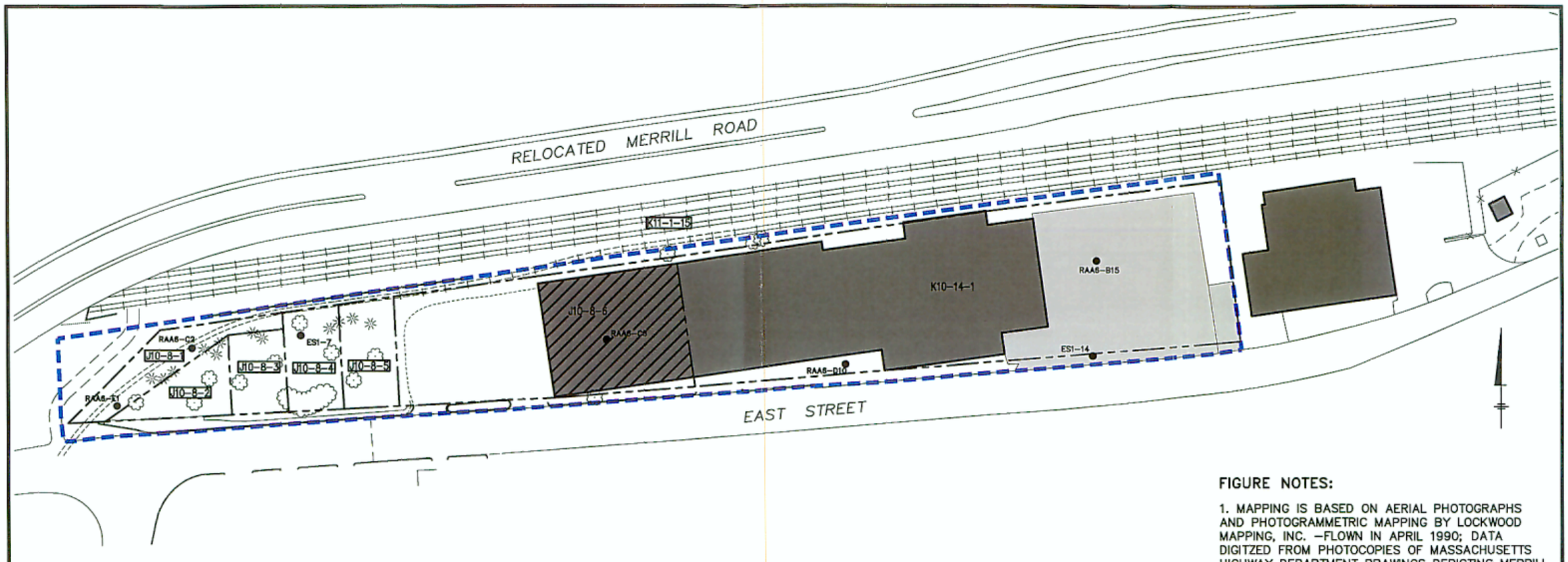
PRE–DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 1 – NORTH

EXISTING APPENDIX IX+3 SAMPLING LOCATIONS (1- TO 6-FOOT DEPTH INTERVAL)

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

FIGURE 4

X: 40189X01.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-BL
4/25/03 SYR-54-DMW DMW GMS
N/40189023/40189804.DWG



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FENCE
- PROPERTY LINE (APPROXIMATE)
- BUILDING
- BUILDING 69 TO BE DEMOLISHED
- PAVED AREA
- ES1-14 — EXISTING SOIL BORING SAMPLE LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)

FIGURE NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. –FLOWN IN APRIL 1990; DATA DIGITZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPARTMENT DRAWINGS DEPICTING MERRILL ROAD REALIGNMENT, 1/14/98; AND SURVEY INFORMATION PROVIDED BY WHITE ENGINEERING DEPICTING RELOCATED EAST STREET, 5/7/01.
2. ALL LOCATIONS ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. EXISTING SOIL SAMPLES USED TO SATISFY APPENDIX IX+3 CHARACTERIZATION INCLUDES ANALYSES FOR VOLATILE ORGANIC COMPOUNDS (VOCs), SEMI–VOLATILE ORGANIC COMPOUNDS (SVOCs), POLYCHLORINATED DIBENZO–P–DIOXINS (PCDDs)/POLYCHLORINATED DIBENZOFURANS (PCDFs) AND INORGANICS.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PRE–DESIGN INVESTIGATION REPORT FOR EAST STREET AREA 1 – NORTH

EXISTING APPENDIX IX+3 SAMPLING LOCATIONS (6- TO 15-FOOT DEPTH INTERVAL)

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

FIGURE 5

X: 40189X01.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-BL
4/25/03 SYR-54-DMW DMW GMS
N/40189023/40189B05.DWG

Appendix A

Soil Boring Logs

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Date Start/Finish: 1/8/03
Drilling Company: BBL
Driller's Name: GAR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534432.1
Easting: 134708.1
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 1002.3

Descriptions By: GAR

Boring ID: RAA6-A11

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
1005						
0	1	0-1	2.2	0.0		Brown fine SAND, some Silt and gravel.
1000	2	1-4		0.0		Black CINDERS and ASH, some fine Sand.
5	3	4-6	3.0	0.0		Dark gray-brown fine SAND, some Gravel, tight.
995	4	6-8		0.0		Gray-brown fine SAND, tight.
10	5	8-10	3.5	0.3		
	6	10-12		0.3		Gray-brown fine SAND, tight, wet.
990	7	12-15	2.4	0.0		
15						

Boring Construction: Borehole backfilled with Bentonite.

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Remarks: NA = Not Applicable/Available; bgs = Below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3-6': PCBs; 6-15': PCBs;
MS/MSD collected (PCBs, 3-6').

Date Start/Finish: 1/8/03
Drilling Company: BBL
Driller's Name: GAR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534435.7
Easting: 134804.2
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 1000.9

Descriptions By: GAR

Boring ID: RAA6-A13

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 / 1000	1	0-1	3.0	0.0		Brown fine SAND, some Gravel.
	2	1-4		0.0		Black ASH and CINDERS, some fine Gravel.
5 / 995	3	4-6	3.0	0.0		Gray-brown fine SAND, with Gravel and rock, tight .
	4	6-8		0.0		
	5	8-10	2.1	0.0		
10 / 990	6	10-12		0.0		
	7	12-15	2.7	0.1		Gray-brown fine SAND, with Gravel and rock, tight, wet.
15 / 985						

Boring Construction

Borehole backfilled with Bentonite.

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Remarks: NA = Not Applicable/Available; bgs = Below ground surface.
Analyses: 0-1': PCBs; 1-3': PCBs; 3-6': PCBs;
6-15': PCBs.

Date Start/Finish: 1/2/03 **Drilling Company:** BBL **Driller's Name:** GAR/NJR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534440.3 **Easting:** 134861.5 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 1000.5 **Descriptions By:** GAR	**Boring ID:** RAA6-A14 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 1000	1	0-1	1.0	0.0		Brown fine SAND, with Silt and gravel.	Borehole backfilled with Bentonite.
5 995							
10 990							
15 985							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/8/03 **Drilling Company:** BBL **Driller's Name:** GAR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534446.0 **Easting:** 134911.5 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 1000.4 **Descriptions By:** GAR	**Boring ID:** RAA6-A15 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 1000	1	0-1	3.0	1.4		Dark brown fine SAND.	Borehole backfilled with Bentonite.
						Brown fine SAND and GRAVEL.	
	2	1-4		0.7		Dark brown to black CINDERS and fine SAND.	
						Dark brown fine SAND.	
5 / 995	3	4-6	3.2	0.3		Black CINDERS.	
	4	6-8		0.8		Dark brown fine SAND.	
	5	8-10		0.4			
10 / 990	6	10-12	2.5	0.4		Brown fine SAND, with Rock and gravel, tight.	
	7	12-15	1.5	0.3			
15 / 985							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs;
1-3': PCBs;
3-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
6-15': PCBs.

Date Start/Finish: 1/2/03 **Drilling Company:** BBL **Driller's Name:** GAR/NJR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534445.9 **Easting:** 134961.5 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 1000.4 **Descriptions By:** GAR	**Boring ID:** RAA6-A16 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 1000	1	0-1	1.0	0.2		Dark brown SILT with fine Sand and gravel.	Borehole backfilled with Bentonite.
5 995							
10 990							
15 985							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 1/8/03 **Drilling Company:** BBL **Driller's Name:** GAR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534446.1 **Easting:** 135010.1 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 999.8 **Descriptions By:** GAR	**Boring ID:** RAA6-A17 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 1000							
	1	0-1	2.6	0.9		Gray-brown fine SAND and GRAVEL.	
	2	1-4		0.0			Borehole backfilled with Bentonite.
5 / 995	3	4-6		0.0		Black CINDERS, ASH and SLAG.	
	4	6-8	2.7	0.8		Brown to gray-brown fine SAND, tight.	
	5	8-10		0.1			
10 / 990	6	10-12	3.0	0.3		Brown fine SAND, loose.	
	7	12-15	2.6	0.3		Gray-brown fine SAND, with Gravel and rock, tight.	
15 / 985							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs;
1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3-6': PCBs; 6-15': PCBs.

Date Start/Finish: 1/10/03
Drilling Company: BBL
Driller's Name: GAR/JAB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534370.0
Easting: 134474.6
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: NA

Descriptions By: GAR

Boring ID: RAA6-B7

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 - 0	1	0-1	2.2	0.2		Gray fine SAND, some Gravel.	Borehole backfilled with Bentonite.
	2	1-4		0.0		Gray fine SAND.	
	3	4-6		0.2		Groundwater at 5' bgs.	
5 - -5	4	6-8	2.8	0.3		Brown fine SAND and GRAVEL, tight.	
	5	8-10		0.2			
10 - -10	6	10-12	3.2	0.0		Gray SILTY-CLAY.	
	7	12-15	1.7	0.0			
15 - -15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs;
1-6': PCBs;
6-15': PCBs;
MS/MSD collected (PCBs, 1-6').

Date Start/Finish: 1/3/03 **Drilling Company:** BBL **Driller's Name:** GAR/NJR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534395.4 **Easting:** 134861.4 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 999.0 **Descriptions By:** GAR	**Boring ID:** RAA6-B14 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	1.0	0.0		Dark brown and brown fine SAND, with Silt and gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 1/7/03 **Drilling Company:** BBL **Driller's Name:** GAR/JAB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534395.9 **Easting:** 134911.5 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 999.2 **Descriptions By:** GAR	**Boring ID:** RAA6-B15 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	2.5	0.0		Dark brown SILT, with fine Sand, some gravel, brick and slag.	Borehole backfilled with Bentonite.
	2	1-4		0.0			
995	3	4-6	3.1	0.1		Brown fine SAND, with Brick, gravel and slag.	
5	4	6-8		0.0			
	5	8-10	4.0	0.0		Brown fine SAND and GRAVEL. Groundwater at 10' bgs.	
990	6	10-12		0.0		Gray-brown fine SAND, some Silty-Clay, wet.	
10	7	12-15	2.9	0.2			
985							
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs;
6-15': VOCs, SVOCs, Inorganics, PCDD/PCDF.
Duplicate Sample ID: RAA6-Dup-1 (VOCs, SVOCs, Inorganics, PCDD/PCDF, 6-15).

Date Start/Finish: 1/2/03 **Drilling Company:** BBL **Driller's Name:** GAR/NJR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534395.9 **Easting:** 134961.3 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 998.9 **Descriptions By:** GAR	**Boring ID:** RAA6-B16 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	1.0	0.0		Dark brown and brown fine SAND, with Silt and gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/3/03 **Drilling Company:** BBL **Driller's Name:** GAR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534395.9 **Easting:** 135011.5 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 998.1 **Descriptions By:** GAR	**Boring ID:** RAA6-B17 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt and gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534391.2
Easting: 135042.2
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 995.7

Descriptions By: TJM

Boring ID: RAA6-B18

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 995	1	0-1	1.0	0.0		Brown fine SAND with Silt, trace gravel and brick.	Borehole backfilled with Bentonite.
5 / 990							
10 / 985							
15 / 980							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03 **Drilling Company:** BBL **Driller's Name:** GAR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534308.3 **Easting:** 134002.7 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 997.5 **Descriptions By:** GAR	**Boring ID:** RAA6-C2 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	2.4	0.0		Gray-brown fine SAND, with Gravel.	
	2	1-4		0.0		Dark brown fine SAND, some Cinders and silt.	
995	3	4-6	2.5	0.0		Gray-brown fine SAND, some Gravel.	Borehole backfilled with Bentonite.
5	4	6-8		0.0			
990	5	8-10	3.4	0.0		Wet at 8' bgs.	
10	6	10-12		0.0			
985	7	12-15	3.0	0.0		Gray-brown fine SANDY-CLAY.	
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs; 1-6': PCBs, SVOCs, Inorganics, PCDD/PCDF; 5-6': VOCs; 6-15': PCBs, SVOCs, Inorganics, PCDD/PCDF; 8-10': VOCs; MS/MSD collected (PCBs, SVOCs, Inorganics, PCDD/PCDF, 6-15') and (VOCs, 8-10').

Date Start/Finish: 1/15/03 **Drilling Company:** BBL **Driller's Name:** JJB/JDB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534320.9 **Easting:** 134111.5 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 1002.3 **Descriptions By:** JJB	**Boring ID:** RAA6-C3 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1005							
0						Pre-probe to 6', no samples collected.	
1000							Borehole backfilled with Bentonite.
5							
995	1	6-8	1.8	0.2		Gray-brown fine to medium SAND, little fine to medium Gravel	
	2	8-10	3.8	2.0		Gray-black fine SAND and SILT, moist, slight petro odor.	
10	3	10-12		3.9		Gray-black fine to medium SAND, Silt, moist, slight petro odor.	
						Gray CLAYEY-SILT, moist.	
990	4	12-15	3.0	2.4		Gray-black fine to medium SAND, trace fine Gravel, slight petro odor, moist.	
						Gray fine SAND and SILT, little fine to medium Gravel, moist.	
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 6-15': PCBs.

Date Start/Finish: 1/10/03
Drilling Company: BBL
Driller's Name: GAR/JAB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534326.1
Easting: 134211.3
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 998.2

Descriptions By: GAR

Boring ID: RAA6-C4

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	3.3	0.0		Brown fine SAND and SILT.	Borehole backfilled with Bentonite.
	2	1-4		0.8		Brown fine SAND and GRAVEL.	
995							
5	3	4-6	4.0	2.8		Gray-brown fine SAND, petro odor.	
	4	6-8		8.4		Groundwater at 6' bgs. Gray-brown fine SAND, some Gravel, tight, wet.	
990	5	8-10	4.0	0.5			
10	6	10-12		0.3			
985	7	12-15	2.0	0.0			
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-6': PCBs;
6-15': PCBs;
Duplicate Sample ID: RAA6-Dup-4 (PCBs, 1-6').

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: GAR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534346.0
Easting: 134311.4
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 998.5

Descriptions By: GAR

Boring ID: RAA6-C5

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	2.5	0.0		Gray-brown fine SAND and GRAVEL.	
	2	1-4		1.0		Gray fine SAND, very strong petro odor.	
995							Borehole backfilled with Bentonite.
5	3	4-6	3.8	32.0			
	4	6-8		11.5		Gray-brown fine to medium SAND.	
990						Groundwater at 9' bgs.	
	5	8-10	3.7	0.4		Gray-brown fine SAND, some Gravel, wet.	
10	6	10-12		0.4			
	7	12-15	3.0	0.2		Gray-brown fine SANDY-CLAY.	
985							
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs;
1-6': PCBs;
6-15': PCBs.
Duplicate Sample ID: RAA6-Dup-3 (PCBs, 1-6').

Date Start/Finish: 1/10/03 **Drilling Company:** BBL **Driller's Name:** GAR/JAB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534317.3 **Easting:** 134417.8 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** GAR	**Boring ID:** RAA6-C6 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 – 0	1	0-1	2.6	882		Dark gray fine SAND, some Gravel, very strong petro odor, sheen visible.	
	2	1-4		20.7		Gray-brown fine SAND, slight petro odor.	Borehole backfilled with Bentonite
5 -5	3	4-6	3.4	155			
	4	6-8		360		Gray fine SAND, slight petro odor.	
	5	8-10	2.7	6.2			
10-10	6	10-12		1.8		Brown fine SAND and GRAVEL, tight. Groundwater at 12' bgs.	
	7	12-15	1.7	0.0		Gray-brown fine SANDY CLAY, wet.	
15-15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-6': PCBs; 6-8': VOCs;
6-15': PCBs, SVOCs, Inorganics, PCDD/PCDF.
Duplicate Sample ID: RAA6-Dup-5 (VOCs, 6-8'; PCBs, 6-15').

Date Start/Finish: 1/3/03
Drilling Company: BBL
Driller's Name: GAR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534346.2
Easting: 134864.1
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 998.6

Descriptions By: GAR

Boring ID: RAA6-C14

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	1.0	0.4		Brown fine SAND, some Gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/7/03
Drilling Company: BBL
Driller's Name: GAR/JAB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534345.9
Easting: 134939.4
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 996.8

Descriptions By: GAR

Boring ID: RAA6-C15

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 996	1	0-1	2.7	0.0		Dark brown fine SAND, Silt and gravel.	Borehole backfilled with Bentonite.
995	2	1-4		0.0		Brown fine SAND, some Silt.	
5	3	4-6	3.1	0.1		Brown fine SAND, some Gravel.	
990	4	6-8		0.0			
	5	8-10	4.0	0.0		Gray-brown fine SAND. Groundwater at 10' bgs.	
10	6	10-12		0.1		Gray-brown fine SAND, wet.	
985	7	12-15	2.8	0.0			
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs; 1-3': PCBs;
3-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
6-15': PCBs;
Duplicate Sample ID: RAA6-Dup-2 (PCBs, 1-3').

Date Start/Finish: 1/2/03
Drilling Company: BBL
Driller's Name: GAR/NJR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534345.8
Easting: 134961.4
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 996.5

Descriptions By: GAR

Boring ID: RAA6-C16

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 996	1	0-1	1.0	0.1		Dark brown SILT, with fine Sand and gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/2/03 & 1/7/03 ***Drilling Company:*** BBL **Driller's Name:** GAR/NJR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534344.2 ***Easting:*** 135013.9 **Casing Elevation:** NA **Borehole Depth:** 12' below grade **Surface Elevation:** 995.0 **Descriptions By:** GAR	**Boring ID:** RAA6-C17 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 995	1	0-1	1.0	0.8		Dark brown fine SAND and SILT, with Gravel.	
	2	1-3	2.5	0.2			
	3	3-4		0.0		Brown fine SAND, with Gravel.	Borehole backfilled with Bentonite.
5 990	4	4-6	2.4	0.0			
	5	6-8		0.1			
	6	8-10	2.2	0.2		Brown SILTY-CLAY with Gravel and rock.	
10985	7	10-12		0.3			
15980						Refusal at 12' bgs.	

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Remarks: NA = Not Applicable/Available; bgs = Below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF (samples collected on 1/2/03).
1-3': PCBs; 3-6': PCBs; 6-15': PCBs (samples collected on 1/7/03).

Date Start/Finish: 1/9/03 **Drilling Company:** BBL **Driller's Name:** NJR/TJM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534345.1 **Easting:** 135047.8 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 993.7 **Descriptions By:** TJM	**Boring ID:** RAA6-C18 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	1.0	0.0		Brown fine SAND with Silt, trace gravel.	Borehole backfilled with Bentonite.
990							
5							
985							
10							
980							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/14/03
Drilling Company: BBL
Driller's Name: GAR/JDB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534294.3
Easting: 134310.8
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: NA

Descriptions By: GAR

Boring ID: RAA6-D5

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 0	1	0-1	3.2	NA		Dark brown fine SAND, some Gravel.	Borehole backfilled with Bentonite.
	2	1-4		NA		No stratigraphic information available.	
5 / -5	3	4-6	1.7	NA			
10 / -10							
15 / -15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-6': SVOCs, Inorganics, PCDD/PCDF;
4-6': VOCs.

Date Start/Finish: 1/13/03 **Drilling Company:** BBL **Driller's Name:** GAR/JDB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534270.8 **Easting:** 134492.2 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 998.7 **Descriptions By:** GAR	**Boring ID:** RAA6-D7 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	2.4	0.0		Gray-brown fine SAND with Gravel.	
	2	1-4		3.5			
995						Gray fine SAND with Gravel, some slag and cinders.	Borehole backfilled with Bentonite.
5	3	4-6	2.2	0.4			
	4	6-8		4.0		Gray fine SAND, petro odor.	
990	5	8-10	2.1	115			
10	6	10-12		2.5		Gray-brown fine SAND. Groundwater at 12' bgs.	
985	7	12-15	2.8	0.7		Brown SILT, tight.	
15							

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Remarks: NA = Not Applicable/Available; bgs = Below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3-6': PCBs; 6-15': PCBs.

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: *Direct Push*
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534278.6
Easting: 134546.7
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 998.2

Descriptions By: TJM

Boring ID: RAA6-D8

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	1.0	0.0		Brown fine SAND with Silt, trace gravel and organics.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534285.26
Easting: 134599.6
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 998.7

Descriptions By: TJM

Boring ID: RAA6-D9

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	0.9	0.0		Brown fine to medium SAND, fine to medium Gravel, trace organics.	
						Black fine to medium SAND, trace fine to medium Gravel.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/13/03
Drilling Company: BBL
Driller's Name: GAR/JDB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534292.1
Easting: 134658.8
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 997.2

Descriptions By: GAR

Boring ID: RAA6-D10

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	3.5	0.0		Gray-brown fine SAND and SILT, some Gravel.	
995	2	1-4		0.0		Light brown SILT.	Borehole backfilled with Bentonite.
5	3	4-6	3.0	0.0		Gray fine SAND, some Gravel, petro odor.	
990	4	6-8		10.6			
	5	8-10	3.2	4.5		Light brown fine SAND, some Gravel.	
10	6	10-12		0.4		Groundwater at 12' bgs.	
985	7	12-15	1.8	0.1		Light brown fine SAND, some Gravel, wet.	
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-3': PCBs; 3-6': PCBs; 6-8': VOCs; 6-15': PCBs, SVOCs,
Inorganics, PCDD/PCDF; MS/MSD collected (VOCs, 6-8;
PCBs, SVOCs, Inorganics, PCDD/PCDF, 6-15').

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534281.2
Easting: 134713.8
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 996.6

Descriptions By: TJM

Boring ID: RAA6-D11

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 /	1	0-1	0.9	0.0		Brown fine to medium SAND, with some Silt, trace organics and fine to medium gravel.	Borehole backfilled with Bentonite.

995
5
990
10
985
15

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03 **Drilling Company:** BBL **Driller's Name:** NJR/TJM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534284.4 **Easting:** 134766.0 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 996.5 **Descriptions By:** TJM	**Boring ID:** RAA6-D12 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 996	1	0-1	1.0	0.0		No stratigraphic information available.	Borehole backfilled with Bentonite.
5 / 991							
10 / 986							
15 / 981							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534291.6
Easting: 134808.7
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 996.3

Descriptions By: TJM

Boring ID: RAA6-D13

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	1	0-1	0.9	0.0		Brown fine to medium SAND, some fine to medium Gravel, trace organics.	Borehole backfilled with Bentonite.
995							
5							
990							
10							
985							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/7/03 **Drilling Company:** BBL **Driller's Name:** GAR/JAB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534296.1 **Easting:** 134861.5 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 995.8 **Descriptions By:** GAR	**Boring ID:** RAA6-D14 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 995	1	0-1	1.0	0.4		Brown SILT and fine SAND, with Gravel.	Borehole backfilled with Bentonite.
5 990							
10 985							
15 980							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 1/9/03 **Drilling Company:** BBL **Driller's Name:** NJR/TJM **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534301.4 **Easting:** 134960.0 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 995.2 **Descriptions By:** TJM	**Boring ID:** RAA6-D16 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 995	1	0-1	1.0	0.0		Brown fine to medium SAND, trace Organics, silt and gravel.	Borehole backfilled with Bentonite.
5 / 990							
10 / 985							
15 / 980							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/7/03 **Drilling Company:** BBL **Driller's Name:** GAR/JAB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 2' Macrocore	**Northing:** 534305.612 **Easting:** 135011.4105 **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** 993.4711 **Descriptions By:** GAR	**Boring ID:** RAA6-D17 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	1.0	0.0		Brown and dark brown fine SAND with Silt and gravel.	Borehole backfilled with Bentonite.
990							
5							
985							
10							
980							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03
Drilling Company: BBL
Driller's Name: NJR/TJM
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 534315.2
Easting: 135052.3
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 993.6

Descriptions By: TJM

Boring ID: RAA6-D18

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
995							
0	1	0-1	0.6	0.0		Brown fine SAND with Silt, some gravel, trace organics, frozen.	Borehole backfilled with Bentonite.
990							
5							
985							
10							
980							
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs.

Date Start/Finish: 1/9/03 **Drilling Company:** BBL **Driller's Name:** GAR **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534249.8 **Easting:** 133927.2 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 996.5 **Descriptions By:** GAR	**Boring ID:** RAA6-E1 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 995	1	0-1	3.2	0.4		Brown fine SAND with Silt, some gravel.	Borehole backfilled with Bentonite.
	2	1-4		0.0			
5 / 990	3	4-6	2.4	0.3		Brown fine SAND, some Silt and gravel. Groundwater at 5' bgs.	
	4	6-8		0.0			
	5	8-10	2.5	0.0		Gray-brown fine SAND, some gravel, wet.	
10 / 985	6	10-12		0.0			
	7	12-15	2.0	0.0			
15							

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6-15': PCBs, SVOCs, Inorganics, PCDD/PCDF;
12-15': VOCs.

Date Start/Finish: 1/15/03
Drilling Company: BBL
Driller's Name: JJB/JDB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534247.8
Easting: 134010.5
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 998.0

Descriptions By: JJB

Boring ID: RAA6-E2

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	2.0	0.1		Dark brown fine SAND, trace Silt, fine gravel and organics.	
	2	1-4		0.3		COBBLE.	
995							Borehole backfilled with Bentonite.
5	3	4-6	2.0	0.7		Gray-brown fine to coarse SAND, some fine to medium Gravel.	
	4	6-8		0.4			
990						Black fine to coarse SAND, some fine to medium Gravel, slight petro odor.	
	5	8-10	2.0	1.7		Gray fine SAND and SILT, some fine to coarse Gravel.	
10	6	10-12		0.5			
						Moist at 12' bgs.	
985	7	12-15	3.0	0.3			
15							

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Remarks: NA = Not Applicable/Available; bgs = Below ground surface.
Analyses: 0-1': PCBs;
1-6': PCBs;
6-15': PCBs.

Date Start/Finish: 1/14/03
Drilling Company: BBL
Driller's Name: GAR/JDB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534242.1
Easting: 134130.5
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 998.0

Descriptions By: GAR

Boring ID: RAA6-E3

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	3.0	NA		Brown SILT.	Borehole backfilled with Bentonite.
	2	1-4		NA		Light brown fine SAND, some Gravel.	
995							
5	3	4-6	2.9	NA			
	4	6-8		NA			
990							
	5	8-10	3.2	NA		Gray SILT, tight, slight odor.	
10	6	10-12		NA			
985	7	12-15	3.0	NA		Light brown SILT, tight.	
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1-6': PCBs, SVOCs, Inorganics, PCDD/PCDF;
4-6': VOCs; 6-15': PCBs.

Date Start/Finish: 1/15/03 **Drilling Company:** BBL **Driller's Name:** JJB/JDB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534246.7 **Easting:** 134209.4 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 998.6 **Descriptions By:** JJB	**Boring ID:** RAA6-E4 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0						Pre-probe to 6', no samples collected.	
995							Borehole backfilled with Bentonite.
5	1	6-8	1.7	0.7		Gray-brown fine to medium SAND, little fine to medium Gravel, slight petro odor, moist.	
990	2	8-10	3.2	0.5		Brown-gray fine SAND and SILT, trace fine Gravel, moist.	
10	3	10-12		0.2			
						Gray CLAYEY-SILT, moist.	
985	4	12-15	3.0	0.2		Brown-gray fine SAND and SILT, little fine to medium Gravel. (TILL)	
15							

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Remarks: NA = Not Applicable/Available.
Analyses: 6-15': PCBs.

Date Start/Finish: 1/14/03
Drilling Company: BBL
Driller's Name: GAR/JDB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Truck-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 534252.3
Easting: 134305.5
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 998.8

Descriptions By: GAR

Boring ID: RAA6-E5

Client: General Electric Company

Location: East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
1000						
0	1	0-1	2.6	NA		Brown SILT, with Gravel.
	2	1-4		NA		
995	3	4-6	3.3	NA		Gray SILT with Gravel, slight petro odor.
5	4	6-8		NA		Gray fine SAND, petro odor, groundwater at 8' bgs.
990	5	8-10	3.2	NA		Gray fine SAND, slight petro odor, wet.
10	6	10-12		NA		
985	7	12-15	NA	0.4		Brown SILT, tight.
15						

Boring Construction: Borehole backfilled with Bentonite.

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs;
1-6': PCBs;
6-15': PCBs.
Duplicate Sample ID: RAA6-Dup-6 (PCBs, 1-6');
MS/MSD collected (PCBs, 6-15').

Date Start/Finish: 1/13/03 **Drilling Company:** BBL **Driller's Name:** GAR/JDB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 534261.2 **Easting:** 134407.8 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 998.7 **Descriptions By:** GAR	**Boring ID:** RAA6-E6 **Client:** General Electric Company **Location:** East Street Area 1 - North

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1000							
0	1	0-1	3.0	0.0		Brown SILT, some fine Sand.	
	2	1-4		0.3		Light brown fine SAND, some Silt.	Borehole backfilled with Bentonite.
995							
5	3	4-6	3.0	0.0			
	4	6-8		255		Gray fine SAND, petro odor.	
990	5	8-10	2.8	60			
10	6	10-12		2.5		Brown fine SAND, slight petro odor.	
985	7	12-15	NA	1.6		Groundwater at 14' bgs.	
15						Brown SILT, some gravel, tight.	

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Remarks: NA = Not Applicable/Available; bgs = below ground surface.
Analyses: 0-1': PCBs;
1-6': PCBs; 6-15': PCBs.

Appendix B

Soil Analytical Results

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TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-A11 0-1 01/08/03	RAA6-A11 1-3 01/08/03	RAA6-A15 3-5 01/08/03	RAA6-A15 3-6 01/08/03	RAA6-A16 0-1 01/02/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,1,2,2-Tetrachloroethane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,1-Dichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,1-Dichloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
1,2-Dibromo-3-chloropropane	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
1,2-Dibromoethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,2-Dichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,2-Dichloropropane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
1,4-Dioxane	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS	ND(0.11) J
2-Butanone	ND(0.012) J	ND(0.012) J	ND(0.011) J	NS	ND(0.011) J
2-Chloro-1,3-butadiene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
2-Chloroethylvinylether	ND(0.0060) J	ND(0.0059) J	ND(0.0057) J	NS	ND(0.0057)
2-Hexanone	ND(0.012) J	ND(0.012) J	ND(0.011) J	NS	ND(0.011)
3-Chloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
4-Methyl-2-pentanone	ND(0.012) J	ND(0.012) J	ND(0.011) J	NS	ND(0.011)
Acetone	ND(0.024) J	ND(0.024) J	ND(0.023) J	NS	ND(0.023) J
Acetonitrile	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS	ND(0.11) J
Acrolein	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS	ND(0.11) J
Acrylonitrile	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Benzene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Bromodichloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Bromoform	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Bromomethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057) J
Carbon Disulfide	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Carbon Tetrachloride	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Chlorobenzene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Chloroethane	ND(0.0060) J	ND(0.0059) J	ND(0.0057) J	NS	ND(0.0057) J
Chloroform	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Chloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Dibromochloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Dibromomethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Dichlorodifluoromethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Ethyl Methacrylate	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Ethylbenzene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Iodomethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Isobutanol	ND(0.12) J	ND(0.12) J	ND(0.11) J	NS	ND(0.11) J
Methacrylonitrile	ND(0.0060) J	ND(0.0059) J	ND(0.0057) J	NS	ND(0.0057) J
Methyl Methacrylate	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Methylene Chloride	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Propionitrile	ND(0.012) J	ND(0.012) J	ND(0.011) J	NS	ND(0.011) J
Styrene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Tetrachloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Toluene	0.0058 J	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
trans-1,2-Dichloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0060) J	R	ND(0.0057) J	NS	ND(0.0057) J
Trichloroethene	0.0080	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Trichlorofluoromethane	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Vinyl Acetate	ND(0.0060) J	ND(0.0059) J	ND(0.0057) J	NS	ND(0.0057) J
Vinyl Chloride	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)
Xylenes (total)	ND(0.0060)	ND(0.0059) J	ND(0.0057)	NS	ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-A11	RAA6-A11	RAA6-A15	RAA6-A15	RAA6-A16
Sample Depth(Feet):	0-1	1-3	3-5	3-6	0-1
Date Collected:	01/08/03	01/08/03	01/08/03	01/08/03	01/02/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,2-Dichlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,2-Diphenylhydrazine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,3,5-Trinitrobenzene	ND(0.40) J	ND(0.40) J	NS	ND(0.38) J	ND(0.42)
1,3-Dichlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,3-Dinitrobenzene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
1,4-Dichlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
1,4-Naphthoquinone	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
1-Naphthylamine	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
2,3,4,6-Tetrachlorophenol	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
2,4,5-Trichlorophenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2,4,6-Trichlorophenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2,4-Dichlorophenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2,4-Dimethylphenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2,4-Dinitrophenol	ND(2.0) J	ND(2.0) J	NS	ND(1.9) J	ND(2.1) J
2,4-Dinitrotoluene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42) J
2,6-Dichlorophenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2,6-Dinitrotoluene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
2-Acetylaminofluorene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
2-Chloronaphthalene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
2-Chlorophenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
2-Methylnaphthalene	2.2	1.3 J	NS	ND(0.38)	ND(0.42)
2-Methylphenol	0.16 J	ND(0.40)	NS	ND(0.38)	ND(0.42)
2-Naphthylamine	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
2-Nitroaniline	ND(2.0)	ND(2.0) J	NS	ND(1.9)	ND(2.1) J
2-Nitrophenol	ND(0.80)	ND(0.80)	NS	ND(0.76)	ND(0.76)
2-Picoline	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
3&4-Methylphenol	0.56 J	ND(0.80)	NS	ND(0.76)	ND(0.76)
3,3'-Dichlorobenzidine	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.83)
3,3'-Dimethylbenzidine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
3-Methylcholanthrene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
3-Nitroaniline	ND(2.0)	ND(2.0) J	NS	ND(1.9)	ND(2.1) J
4,6-Dinitro-2-methylphenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
4-Aminobiphenyl	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.40)	ND(0.40)	NS	ND(0.38)	ND(0.42)
4-Chloroaniline	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
4-Chlorobenzilate	ND(0.80)	ND(0.80)	NS	ND(0.76)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
4-Nitroaniline	ND(2.0)	ND(2.0) J	NS	ND(1.9)	ND(1.9)
4-Nitrophenol	ND(2.0)	ND(2.0)	NS	ND(1.9)	ND(2.1) J
4-Nitroquinoline-1-oxide	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
4-Phenylenediamine	ND(0.80) J	ND(0.80) J	NS	ND(0.76) J	ND(0.76) J
5-Nitro-o-toluidine	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.80)	ND(0.80)	NS	ND(0.76)	ND(0.76)
Acenaphthene	1.2	0.42 J	NS	ND(0.38)	ND(0.42)
Acenaphthylene	1.1	0.29 J	NS	ND(0.38)	ND(0.42)
Acetophenone	0.19 J	0.15 J	NS	ND(0.38)	ND(0.42)
Aniline	0.11 J	ND(0.40) J	NS	ND(0.38)	ND(0.42) J
Anthracene	1.0	0.21 J	NS	ND(0.38)	0.16 J
Aramite	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
Benzidine	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.83)
Benzo(a)anthracene	3.3	0.72 J	NS	ND(0.38)	0.50
Benzo(a)pyrene	1.6	0.22 J	NS	ND(0.38)	0.50
Benzo(b)fluoranthene	3.5	0.86 J	NS	ND(0.38)	0.71

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PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-A11 0-1 01/08/03	RAA6-A11 1-3 01/08/03	RAA6-A15 3-5 01/08/03	RAA6-A15 3-6 01/08/03	RAA6-A16 0-1 01/02/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	1.8	0.40 J	NS	ND(0.38)	0.33 J
Benzo(k)fluoranthene	1.4	ND(0.40) J	NS	ND(0.38)	0.26 J
Benzyl Alcohol	ND(0.80)	ND(0.80)	NS	ND(0.76)	ND(0.83)
bis(2-Chloroethoxy)methane	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.39) J	NS	ND(0.38)	ND(0.37)
Butylbenzylphthalate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Chrysene	3.8	0.77 J	NS	ND(0.38)	0.50
Diallate	ND(0.80)	ND(0.40) J	NS	ND(0.76)	ND(0.76)
Dibenzo(a,h)anthracene	0.36 J	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Dibenzofuran	1.4	ND(0.80) J	NS	ND(0.38)	ND(0.42)
Diethylphthalate	ND(0.40)	0.088 J	NS	ND(0.38)	ND(0.42)
Dimethylphthalate	ND(0.40)	1.0 J	NS	ND(0.38)	ND(0.42)
Di-n-Butylphthalate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Di-n-Octylphthalate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Diphenylamine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Ethyl Methanesulfonate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Fluoranthene	10	3.4 J	NS	ND(0.38)	1.0
Fluorene	0.69	0.24 J	NS	ND(0.38)	ND(0.42)
Hexachlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Hexachlorobutadiene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Hexachlorocyclopentadiene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42) J
Hexachloroethane	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Hexachlorophene	ND(0.80) J	ND(0.80) J	NS	ND(0.76) J	ND(0.83) J
Hexachloropropene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Indeno(1,2,3-cd)pyrene	1.5	0.34 J	NS	ND(0.38)	0.29 J
Isodrin	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Isophorone	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Isosafrole	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
Methapyrilene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
Methyl Methanesulfonate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Naphthalene	5.4	ND(0.80) J	NS	ND(0.38)	ND(0.42)
Nitrobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
N-Nitrosodiethylamine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
N-Nitrosodimethylamine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
N-Nitroso-di-n-butylamine	ND(0.80)	ND(0.40) J	NS	ND(0.76)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.40)	ND(0.80) J	NS	ND(0.38)	ND(0.42)
N-Nitrosodiphenylamine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
N-Nitrosomethylethylamine	ND(0.80)	ND(0.40) J	NS	ND(0.76)	ND(0.76)
N-Nitrosomorpholine	ND(0.40)	ND(0.80) J	NS	ND(0.38)	ND(0.42)
N-Nitrosopiperidine	ND(0.40)	3.6 J	NS	ND(0.38)	ND(0.42)
N-Nitrosopyrrolidine	ND(0.80)	ND(0.40) J	NS	ND(0.76)	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
o-Toluidine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.80)	ND(0.80)	NS	ND(0.76)	ND(0.76)
Pentachlorobenzene	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Pentachloroethane	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Pentachloronitrobenzene	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
Pentachlorophenol	ND(2.0)	ND(2.0)	NS	ND(1.9)	ND(2.1)
Phenacetin	ND(0.80)	ND(0.80) J	NS	ND(0.76)	ND(0.76)
Phenanthrene	5.7	2.5 J	NS	ND(0.38)	0.69
Phenol	0.61	0.25 J	NS	ND(0.38)	ND(0.42)
Pronamide	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Pyrene	8.7	2.4 J	NS	ND(0.38)	0.96
Pyridine	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Safrole	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)
Thionazin	ND(0.40)	ND(0.40) J	NS	ND(0.38)	ND(0.42)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-A11 0-1 01/08/03	RAA6-A11 1-3 01/08/03	RAA6-A15 3-5 01/08/03	RAA6-A15 3-6 01/08/03	RAA6-A16 0-1 01/02/03
Furans						
2,3,7,8-TCDF		0.000019 Y	0.000023 Y	NS	0.00000020 J	0.000012 Y
TCDFs (total)		0.00014	0.00015	NS	0.00000020	0.00016
1,2,3,7,8-PeCDF		0.000011 J	0.0000076 J	NS	0.00000027 J	0.0000060 J
2,3,4,7,8-PeCDF		0.000016 J	0.000013 J	NS	ND(0.00000030)	0.000032
PeCDFs (total)		0.00018 Q	0.00015 Q	NS	ND(0.00000081)	0.00036 Q
1,2,3,4,7,8-HxCDF		0.000010 J	0.0000084 J	NS	ND(0.00000024)	0.0000094 J
1,2,3,6,7,8-HxCDF		0.0000084 J	0.0000071 J	NS	ND(0.00000039)	0.000010 J
1,2,3,7,8,9-HxCDF		0.0000021 J	0.0000013 J	NS	ND(0.00000018)	0.0000029 J
2,3,4,6,7,8-HxCDF		0.000015 J	0.000011 J	NS	ND(0.00000021)	0.000021 J
HxCDFs (total)		0.00022 Q	0.00015 Q	NS	ND(0.00000073)	0.00027
1,2,3,4,6,7,8-HpCDF		0.000050	0.000029	NS	ND(0.00000028)	0.000021 J
1,2,3,4,7,8,9-HpCDF		0.0000045 J	0.0000029 J	NS	ND(0.00000054)	0.0000028 J
HpCDFs (total)		0.00014	0.000073	NS	ND(0.00000028)	0.000043
OCDF		0.00014	0.000044 J	NS	ND(0.0000011)	0.000010 J
Dioxins						
2,3,7,8-TCDD		ND(0.0000021)	0.0000033 J	NS	ND(0.00000022)	ND(0.0000011) X
TCDDs (total)		0.0000014	0.000021	NS	ND(0.00000062)	0.00000096
1,2,3,7,8-PeCDD		0.0000027 J	0.0000056 J	NS	0.00000019 J	0.0000027 J
PeCDDs (total)		0.0000062 Q	0.00012 Q	NS	0.00000019	0.0000072 Q
1,2,3,4,7,8-HxCDD		ND(0.0000019)	ND(0.0000021)	NS	ND(0.00000054)	ND(0.0000024)
1,2,3,6,7,8-HxCDD		0.0000075 J	0.0000068 J	NS	ND(0.00000054)	ND(0.0000031) X
1,2,3,7,8,9-HxCDD		0.0000049 J	0.0000038 J	NS	ND(0.00000054)	0.0000025 J
HxCDDs (total)		0.000054	0.00018 Q	NS	ND(0.00000054)	0.000013
1,2,3,4,6,7,8-HpCDD		0.00018	0.00011	NS	ND(0.00000089)	0.000016 J
HpCDDs (total)		0.00034	0.00022	NS	ND(0.0000014)	0.000031
OCDD		0.0017	0.0011	NS	ND(0.0000033)	0.000059
Total TEQs (WHO TEFs)		0.000022	0.000024	NS	0.00000055	0.000026
Inorganics						
Antimony		3.80 J	100	NS	1.60 J	1600
Arsenic		9.30	13.0	NS	5.80	19.0
Barium		38.0	61.0	NS	26.0	77.0
Beryllium		0.370 B	0.340 B	NS	0.300 B	0.200 B
Cadmium		0.860	0.750	NS	0.400 B	1.00
Chromium		19.0	8.40	NS	7.60	15.0
Cobalt		5.80	5.80	NS	8.40	8.10
Copper		120	160	NS	15.0	4100
Cyanide		0.270	0.340	NS	ND(0.230)	ND(0.570)
Lead		120	470	NS	13.0	3200
Mercury		0.0980 B	0.140	NS	0.0530 B	0.820
Nickel		11.0	10.0	NS	13.0	34.0
Selenium		0.980 B	1.30	NS	0.800 B	1.20
Silver		ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide		53.0	74.0	NS	13.0	54.0
Thallium		ND(1.20) J	ND(1.20) J	NS	ND(1.10) J	ND(1.10)
Tin		ND(10.0)	320	NS	ND(10.0)	6600
Vanadium		10.0	12.0	NS	9.00	8.80
Zinc		150	130	NS	56.0	160

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,1,2-Trichloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,1-Dichloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,1-Dichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2-Dibromo-3-chloropropane	ND(0.0053) J	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2-Dibromoethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2-Dichloroethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,2-Dichloropropane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
1,4-Dioxane	ND(0.10) J	ND(0.11) J	ND(0.12) J [ND(0.12) J]
2-Butanone	ND(0.010) J	ND(0.011) J	ND(0.012) J [ND(0.012) J]
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
2-Chloroethylvinylether	ND(0.0053) J	ND(0.0055) J	ND(0.0059) J [ND(0.0060) J]
2-Hexanone	ND(0.010) J	ND(0.011) J	ND(0.012) J [ND(0.012) J]
3-Chloropropene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
4-Methyl-2-pentanone	ND(0.010) J	ND(0.011) J	ND(0.012) J [ND(0.012) J]
Acetone	ND(0.021) J	ND(0.022) J	ND(0.024) J [ND(0.024) J]
Acetonitrile	ND(0.10) J	ND(0.11) J	ND(0.12) J [ND(0.12) J]
Acrolein	ND(0.10) J	ND(0.11) J	ND(0.12) J [ND(0.12) J]
Acrylonitrile	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Benzene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Bromodichloromethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Bromoform	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Bromomethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Carbon Disulfide	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Carbon Tetrachloride	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Chlorobenzene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Chloroethane	ND(0.0053) J	ND(0.0055)	ND(0.0059) J [ND(0.0060)]
Chloroform	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Chloromethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Dibromochloromethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Dibromomethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Dichlorodifluoromethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Ethyl Methacrylate	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Ethylbenzene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Iodomethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Isobutanol	ND(0.10) J	ND(0.11) J	ND(0.12) J [ND(0.12) J]
Methacrylonitrile	ND(0.0053) J	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Methyl Methacrylate	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Methylene Chloride	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Propionitrile	ND(0.010) J	ND(0.011) J	ND(0.012) J [ND(0.012) J]
Styrene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Tetrachloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Toluene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
trans-1,3-Dichloropropene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Trichloroethene	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Trichlorofluoromethane	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Vinyl Acetate	ND(0.0053) J	ND(0.0055)	ND(0.0059) J [ND(0.0060)]
Vinyl Chloride	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]
Xylenes (total)	ND(0.0053)	ND(0.0055)	ND(0.0059) [ND(0.0060)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(1.0)	NS
1,2,4-Trichlorobenzene	ND(0.35)	ND(1.0)	NS
1,2-Dichlorobenzene	ND(0.35)	ND(1.0)	NS
1,2-Diphenylhydrazine	ND(0.35)	ND(1.0)	NS
1,3,5-Trinitrobenzene	ND(0.35) J	ND(1.0) J	NS
1,3-Dichlorobenzene	ND(0.35)	ND(1.0)	NS
1,3-Dinitrobenzene	ND(0.71)	ND(1.0)	NS
1,4-Dichlorobenzene	ND(0.35)	ND(1.0)	NS
1,4-Naphthoquinone	ND(0.71)	ND(1.0)	NS
1-Naphthylamine	ND(0.71)	ND(1.0)	NS
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(1.0)	NS
2,4,5-Trichlorophenol	ND(0.35)	ND(1.0)	NS
2,4,6-Trichlorophenol	ND(0.35)	ND(1.0)	NS
2,4-Dichlorophenol	ND(0.35)	ND(1.0)	NS
2,4-Dimethylphenol	ND(0.35)	ND(1.0)	NS
2,4-Dinitrophenol	ND(1.8) J	ND(5.3)	NS
2,4-Dinitrotoluene	ND(0.35)	ND(1.0)	NS
2,6-Dichlorophenol	ND(0.35)	ND(1.0)	NS
2,6-Dinitrotoluene	ND(0.35)	ND(1.0)	NS
2-Acetylaminofluorene	ND(0.71)	ND(1.0)	NS
2-Chloronaphthalene	ND(0.35)	ND(1.0)	NS
2-Chlorophenol	ND(0.35)	ND(1.0)	NS
2-Methylnaphthalene	ND(0.35)	ND(1.0)	NS
2-Methylphenol	ND(0.35)	ND(1.0)	NS
2-Naphthylamine	ND(0.71)	ND(1.0)	NS
2-Nitroaniline	ND(1.8)	ND(5.3)	NS
2-Nitrophenol	ND(0.71)	ND(1.0)	NS
2-Picoline	ND(0.35)	ND(1.0)	NS
3&4-Methylphenol	ND(0.71)	ND(1.0)	NS
3,3'-Dichlorobenzidine	ND(0.71)	ND(2.1)	NS
3,3'-Dimethylbenzidine	ND(0.35)	ND(1.0)	NS
3-Methylcholanthrene	ND(0.71)	ND(1.0)	NS
3-Nitroaniline	ND(1.8)	ND(5.3)	NS
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(1.0)	NS
4-Aminobiphenyl	ND(0.71)	ND(1.0)	NS
4-Bromophenyl-phenylether	ND(0.35)	ND(1.0)	NS
4-Chloro-3-Methylphenol	ND(0.35)	ND(1.0)	NS
4-Chloroaniline	ND(0.35)	ND(1.0)	NS
4-Chlorobenzilate	ND(0.71)	ND(1.0)	NS
4-Chlorophenyl-phenylether	ND(0.35)	ND(1.0)	NS
4-Nitroaniline	ND(1.8)	ND(1.9)	NS
4-Nitrophenol	ND(1.8)	ND(5.3)	NS
4-Nitroquinoline-1-oxide	ND(0.71)	ND(1.0) J	NS
4-Phenylenediamine	ND(0.71) J	ND(1.0) J	NS
5-Nitro-o-toluidine	ND(0.71)	ND(1.0)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.71)	ND(1.0)	NS
a,a'-Dimethylphenethylamine	ND(0.71)	ND(1.0)	NS
Acenaphthene	ND(0.35)	ND(1.0)	NS
Acenaphthylene	ND(0.35)	ND(1.0)	NS
Acetophenone	ND(0.35)	ND(1.0)	NS
Aniline	ND(0.35)	ND(1.0)	NS
Anthracene	ND(0.35)	ND(1.0)	NS
Aramite	ND(0.71)	ND(1.0)	NS
Benzidine	ND(0.71)	ND(2.1) J	NS
Benzo(a)anthracene	ND(0.35)	0.23 J	NS
Benzo(a)pyrene	ND(0.35)	ND(1.0)	NS
Benzo(b)fluoranthene	ND(0.35)	0.46 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Semivolatile Organics (continued)			
Benzo(g,h,i)perylene	ND(0.35)	0.26 J	NS
Benzo(k)fluoranthene	ND(0.35)	ND(1.0)	NS
Benzyl Alcohol	ND(0.71)	ND(2.1)	NS
bis(2-Chloroethoxy)methane	ND(0.35)	ND(1.0)	NS
bis(2-Chloroethyl)ether	ND(0.35)	ND(1.0)	NS
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(1.0)	NS
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.53)	NS
Butylbenzylphthalate	ND(0.35)	ND(1.0)	NS
Chrysene	ND(0.35)	0.22 J	NS
Diallate	ND(0.71)	ND(1.0)	NS
Dibenzo(a,h)anthracene	ND(0.35)	ND(1.0)	NS
Dibenzofuran	ND(0.35)	ND(1.0)	NS
Diethylphthalate	ND(0.35)	ND(1.0)	NS
Dimethylphthalate	ND(0.35)	ND(1.0)	NS
Di-n-Butylphthalate	ND(0.35)	ND(1.0)	NS
Di-n-Octylphthalate	ND(0.35)	ND(1.0)	NS
Diphenylamine	ND(0.35)	ND(1.0)	NS
Ethyl Methanesulfonate	ND(0.35)	ND(1.0)	NS
Fluoranthene	0.089 J	0.39 J	NS
Fluorene	ND(0.35)	ND(1.0)	NS
Hexachlorobenzene	ND(0.35)	ND(1.0)	NS
Hexachlorobutadiene	ND(0.35)	ND(1.0)	NS
Hexachlorocyclopentadiene	ND(0.35)	ND(1.0) J	NS
Hexachloroethane	ND(0.35)	ND(1.0)	NS
Hexachlorophene	ND(0.71) J	ND(2.1) J	NS
Hexachloropropene	ND(0.35)	ND(1.0)	NS
Indeno(1,2,3-cd)pyrene	ND(0.35)	0.22 J	NS
Isodrin	ND(0.35)	ND(1.0)	NS
Isophorone	ND(0.35)	ND(1.0)	NS
Isosafrole	ND(0.71)	ND(1.0)	NS
Methapyrilene	ND(0.71)	ND(1.0)	NS
Methyl Methanesulfonate	ND(0.35)	ND(1.0)	NS
Naphthalene	ND(0.35)	0.23 J	NS
Nitrobenzene	ND(0.35)	ND(1.0)	NS
N-Nitrosodiethylamine	ND(0.35)	ND(1.0)	NS
N-Nitrosodimethylamine	ND(0.35)	ND(1.0)	NS
N-Nitroso-di-n-butylamine	ND(0.71)	ND(1.0)	NS
N-Nitroso-di-n-propylamine	ND(0.35)	ND(1.0)	NS
N-Nitrosodiphenylamine	ND(0.35)	ND(1.0)	NS
N-Nitrosomethylethylamine	ND(0.71)	ND(1.0)	NS
N-Nitrosomorpholine	ND(0.35)	ND(1.0)	NS
N-Nitrosopiperidine	ND(0.35)	ND(1.0)	NS
N-Nitrosopyrrolidine	ND(0.71)	ND(1.0)	NS
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(1.0)	NS
o-Toluidine	ND(0.35)	ND(1.0)	NS
p-Dimethylaminoazobenzene	ND(0.71)	ND(1.0)	NS
Pentachlorobenzene	ND(0.35)	ND(1.0)	NS
Pentachloroethane	ND(0.35)	ND(1.0)	NS
Pentachloronitrobenzene	ND(0.71)	ND(1.0) J	NS
Pentachlorophenol	ND(1.8)	ND(5.3)	NS
Phenacetin	ND(0.71)	ND(1.0)	NS
Phenanthrene	ND(0.35)	0.30 J	NS
Phenol	ND(0.35)	ND(1.0)	NS
Pronamide	ND(0.35)	ND(1.0)	NS
Pyrene	0.088 J	0.82 J	NS
Pyridine	ND(0.35)	ND(1.0)	NS
Safrole	ND(0.35)	ND(1.0)	NS
Thionazin	ND(0.35)	ND(1.0)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-A17 1-3 01/08/03	RAA6-B14 0-1 01/03/03	RAA6-B15 6-8 01/07/03
Furans			
2,3,7,8-TCDF	0.0000025 Y	0.0000068 J	NS
TCDFs (total)	0.000021	0.000066	NS
1,2,3,7,8-PeCDF	0.0000010 J	0.0000037 J	NS
2,3,4,7,8-PeCDF	0.0000045 J	0.000028	NS
PeCDFs (total)	0.000041	0.00018 Q	NS
1,2,3,4,7,8-HxCDF	0.0000012 J	0.0000077 J	NS
1,2,3,6,7,8-HxCDF	0.0000013 J	0.0000068 J	NS
1,2,3,7,8,9-HxCDF	0.00000044 J	0.0000015 J	NS
2,3,4,6,7,8-HxCDF	0.0000025 J	0.000013 J	NS
HxCDFs (total)	0.000032	0.00017 Q	NS
1,2,3,4,6,7,8-HpCDF	0.0000029 J	0.000013 J	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000033)	0.0000020 J	NS
HpCDFs (total)	0.0000062	0.000030	NS
OCDF	0.0000024 J	0.000011 J	NS
Dioxins			
2,3,7,8-TCDD	ND(0.00000019)	ND(0.0000010)	NS
TCDDs (total)	ND(0.00000019)	ND(0.0000024)	NS
1,2,3,7,8-PeCDD	0.00000037 J	ND(0.0000016)	NS
PeCDDs (total)	0.00000084	0.0000080 Q	NS
1,2,3,4,7,8-HxCDD	ND(0.00000025)	ND(0.0000013)	NS
1,2,3,6,7,8-HxCDD	0.00000063 J	0.0000024 J	NS
1,2,3,7,8,9-HxCDD	ND(0.00000042)	0.0000022 J	NS
HxCDDs (total)	0.0000013	0.000018	NS
1,2,3,4,6,7,8-HpCDD	0.0000042 J	0.000020 J	NS
HpCDDs (total)	0.0000078	0.000038	NS
OCDD	0.000025	0.00011	NS
Total TEQs (WHO TEFs)	0.0000037	0.000020	NS
Inorganics			
Antimony	2.10 J	7.70 J	NS
Arsenic	4.80	10.0	NS
Barium	26.0	46.0	NS
Beryllium	0.150 B	1.80 J	NS
Cadmium	0.470 B	2.20	NS
Chromium	8.00	13.0	NS
Cobalt	7.20	8.00	NS
Copper	26.0	59.0	NS
Cyanide	ND(0.210)	ND(0.550)	NS
Lead	21.0	150	NS
Mercury	0.0610 B	0.460	NS
Nickel	12.0	11.0	NS
Selenium	0.760 B	2.00 J	NS
Silver	ND(1.00)	ND(1.50) J	NS
Sulfide	8.50	41.0	NS
Thallium	ND(1.00) J	2.00 J	NS
Tin	ND(10.0)	24.0	NS
Vanadium	4.20 B	8.20	NS
Zinc	46.0	67.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	NS	ND(0.0058)	NS
1,1,1-Trichloroethane	NS	NS	ND(0.0058)	NS
1,1,2,2-Tetrachloroethane	NS	NS	ND(0.0058)	NS
1,1,2-Trichloroethane	NS	NS	ND(0.0058)	NS
1,1-Dichloroethane	NS	NS	ND(0.0058)	NS
1,1-Dichloroethene	NS	NS	ND(0.0058)	NS
1,2,3-Trichloropropane	NS	NS	ND(0.0058)	NS
1,2-Dibromo-3-chloropropane	NS	NS	ND(0.0058) J	NS
1,2-Dibromoethane	NS	NS	ND(0.0058)	NS
1,2-Dichloroethane	NS	NS	ND(0.0058)	NS
1,2-Dichloropropane	NS	NS	ND(0.0058)	NS
1,4-Dioxane	NS	NS	ND(0.12) J	NS
2-Butanone	NS	NS	ND(0.012) J	NS
2-Chloro-1,3-butadiene	NS	NS	ND(0.0058)	NS
2-Chloroethylvinylether	NS	NS	ND(0.0058) J	NS
2-Hexanone	NS	NS	ND(0.012) J	NS
3-Chloropropene	NS	NS	ND(0.0058)	NS
4-Methyl-2-pentanone	NS	NS	ND(0.012) J	NS
Acetone	NS	NS	ND(0.023) J	NS
Acetonitrile	NS	NS	ND(0.12) J	NS
Acrolein	NS	NS	ND(0.12) J	NS
Acrylonitrile	NS	NS	ND(0.0058)	NS
Benzene	NS	NS	ND(0.0058)	NS
Bromodichloromethane	NS	NS	ND(0.0058)	NS
Bromoform	NS	NS	ND(0.0058)	NS
Bromomethane	NS	NS	ND(0.0058) J	NS
Carbon Disulfide	NS	NS	ND(0.0058)	NS
Carbon Tetrachloride	NS	NS	ND(0.0058)	NS
Chlorobenzene	NS	NS	ND(0.0058)	NS
Chloroethane	NS	NS	ND(0.0058) J	NS
Chloroform	NS	NS	ND(0.0058)	NS
Chloromethane	NS	NS	ND(0.0058)	NS
cis-1,3-Dichloropropene	NS	NS	ND(0.0058)	NS
Dibromochloromethane	NS	NS	ND(0.0058)	NS
Dibromomethane	NS	NS	ND(0.0058)	NS
Dichlorodifluoromethane	NS	NS	ND(0.0058)	NS
Ethyl Methacrylate	NS	NS	ND(0.0058)	NS
Ethylbenzene	NS	NS	ND(0.0058)	NS
Iodomethane	NS	NS	ND(0.0058)	NS
Isobutanol	NS	NS	ND(0.12) J	NS
Methacrylonitrile	NS	NS	ND(0.0058)	NS
Methyl Methacrylate	NS	NS	ND(0.0058) J	NS
Methylene Chloride	NS	NS	ND(0.0058)	NS
Propionitrile	NS	NS	ND(0.012) J	NS
Styrene	NS	NS	ND(0.0058)	NS
Tetrachloroethene	NS	NS	ND(0.0058)	NS
Toluene	NS	NS	ND(0.0058)	NS
trans-1,2-Dichloroethene	NS	NS	ND(0.0058)	NS
trans-1,3-Dichloropropene	NS	NS	ND(0.0058)	NS
trans-1,4-Dichloro-2-butene	NS	NS	ND(0.0058)	NS
Trichloroethene	NS	NS	ND(0.0058)	NS
Trichlorofluoromethane	NS	NS	ND(0.0058)	NS
Vinyl Acetate	NS	NS	ND(0.0058) J	NS
Vinyl Chloride	NS	NS	ND(0.0058)	NS
Xylenes (total)	NS	NS	ND(0.0058)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
1,2-Dichlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
1,2-Diphenylhydrazine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.39) J [ND(0.40) J]	ND(0.38)	NS	ND(0.38)
1,3-Dichlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
1,3-Dinitrobenzene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
1,4-Dichlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
1,4-Naphthoquinone	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
1-Naphthylamine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
2,3,4,6-Tetrachlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,4,5-Trichlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,4,6-Trichlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,4-Dichlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,4-Dimethylphenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,4-Dinitrophenol	ND(2.0) J [ND(2.0) J]	ND(2.0) J	NS	ND(2.0) J
2,4-Dinitrotoluene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,6-Dichlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2,6-Dinitrotoluene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Acetylaminofluorene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
2-Chloronaphthalene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Chlorophenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Methylnaphthalene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Methylphenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
2-Naphthylamine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
2-Nitroaniline	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
2-Nitrophenol	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
2-Picoline	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
3&4-Methylphenol	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
3,3'-Dichlorobenzidine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
3,3'-Dimethylbenzidine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
3-Methylcholanthrene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
3-Nitroaniline	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
4-Aminobiphenyl	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
4-Bromophenyl-phenylether	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
4-Chloroaniline	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
4-Chlorobenzilate	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
4-Chlorophenyl-phenylether	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
4-Nitroaniline	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
4-Nitrophenol	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
4-Nitroquinoline-1-oxide	ND(0.79) [ND(0.80)]	ND(0.78) J	NS	ND(0.77) J
4-Phenylenediamine	ND(0.79) J [ND(0.80) J]	ND(0.78)	NS	ND(0.77)
5-Nitro-o-toluidine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
a,a'-Dimethylphenethylamine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Acenaphthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
Acenaphthylene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Acetophenone	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Aniline	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Aramite	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Benzidine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Benzo(a)anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(a)pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(b)fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzo(k)fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Benzyl Alcohol	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
bis(2-Chloroethoxy)methane	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.39) [ND(0.39)]	ND(0.38)	NS	ND(0.38)
Butylbenzylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Chrysene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Diallate	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Dibenzo(a,h)anthracene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Dibenzofuran	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Diethylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Dimethylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Di-n-Butylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Di-n-Octylphthalate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Diphenylamine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Ethyl Methanesulfonate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Fluoranthene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Fluorene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachlorobutadiene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachlorocyclopentadiene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachloroethane	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Hexachlorophene	ND(0.79) J [ND(0.80) J]	ND(0.78) J	NS	ND(0.77) J
Hexachloropropene	ND(0.39) [ND(0.40)]	ND(0.38) J	NS	ND(0.38) J
Indeno(1,2,3-cd)pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Isodrin	ND(0.39) J [ND(0.40) J]	ND(0.38)	NS	ND(0.38)
Isophorone	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Isosafrole	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Methapyrilene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Methyl Methanesulfonate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Naphthalene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Nitrobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosodiethylamine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosodimethylamine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
N-Nitroso-di-n-propylamine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosodiphenylamine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosomethylethylamine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
N-Nitrosomorpholine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosopiperidine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
N-Nitrosopyrrolidine	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
o,o,o-Triethylphosphorothioate	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
o-Toluidine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Pentachlorobenzene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Pentachloroethane	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Pentachloronitrobenzene	ND(0.79) [ND(0.80)]	ND(0.78) J	NS	ND(0.77) J
Pentachlorophenol	ND(2.0) [ND(2.0)]	ND(2.0)	NS	ND(2.0)
Phenacetin	ND(0.79) [ND(0.80)]	ND(0.78)	NS	ND(0.77)
Phenanthrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Phenol	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Pronamide	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Pyrene	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38) J
Pyridine	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Safrole	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)
Thionazin	ND(0.39) [ND(0.40)]	ND(0.38)	NS	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-B15 6-15 01/07/03	RAA6-C2 1-6 01/09/03	RAA6-C2 5-6 01/09/03	RAA6-C2 6-15 01/09/03
Furans				
2,3,7,8-TCDF	ND(0.00000013) [ND(0.00000012) X]	0.0000084 Y	NS	ND(0.00000030)
TCDFs (total)	ND(0.00000012) [ND(0.00000012)]	0.000092	NS	ND(0.00000030)
1,2,3,7,8-PeCDF	ND(0.000000070) X [ND(0.00000032)]	0.0000030 J	NS	0.00000023 J
2,3,4,7,8-PeCDF	ND(0.00000010) [ND(0.00000042)]	0.000020	NS	ND(0.00000019)
PeCDFs (total)	ND(0.00000010) [ND(0.00000083)]	0.00020	NS	ND(0.00000042)
1,2,3,4,7,8-HxCDF	ND(0.00000029) [0.00000041 J]	0.0000090 J	NS	ND(0.00000056)
1,2,3,6,7,8-HxCDF	ND(0.00000010) [0.00000040 J]	0.0000069 J	NS	ND(0.00000025)
1,2,3,7,8,9-HxCDF	ND(0.00000029) [0.00000042 J]	ND(0.0000024)	NS	ND(0.00000056)
2,3,4,6,7,8-HxCDF	ND(0.00000029) [ND(0.00000037) X]	0.000020 J	NS	ND(0.00000056)
HxCDFs (total)	ND(0.00000029) [0.0000012]	0.00030	NS	ND(0.00000025)
1,2,3,4,6,7,8-HpCDF	ND(0.00000029) [0.00000037 J]	0.000026	NS	ND(0.00000026) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000029) [ND(0.00000036)]	0.0000045 J	NS	ND(0.00000056)
HpCDFs (total)	ND(0.00000029) [ND(0.00000074)]	0.000066	NS	ND(0.00000056)
OCDF	ND(0.00000058) [ND(0.00000074)]	0.000017 J	NS	ND(0.0000011)
Dioxins				
2,3,7,8-TCDD	ND(0.00000020) [ND(0.00000012)]	ND(0.0000010) X	NS	ND(0.00000032)
TCDDs (total)	ND(0.00000022) [ND(0.00000027)]	ND(0.00000079)	NS	ND(0.00000066)
1,2,3,7,8-PeCDD	ND(0.00000029) [ND(0.00000031) X]	ND(0.0000017) X	NS	ND(0.00000056)
PeCDDs (total)	ND(0.00000029) [ND(0.00000012)]	0.00000066	NS	ND(0.00000095)
1,2,3,4,7,8-HxCDD	ND(0.00000029) [ND(0.00000042)]	ND(0.00000076) X	NS	ND(0.00000072)
1,2,3,6,7,8-HxCDD	ND(0.00000029) [ND(0.00000044)]	ND(0.0000017) X	NS	ND(0.00000067)
1,2,3,7,8,9-HxCDD	ND(0.00000029) [ND(0.00000042)]	ND(0.0000014) X	NS	ND(0.00000068)
HxCDDs (total)	ND(0.00000037) [0.0000013]	ND(0.0000015)	NS	ND(0.00000099)
1,2,3,4,6,7,8-HpCDD	ND(0.00000040) X [ND(0.00000064)]	ND(0.000011)	NS	ND(0.00000056)
HpCDDs (total)	ND(0.00000029) [ND(0.00000083)]	0.000019	NS	ND(0.00000056)
OCDD	ND(0.0000024) [ND(0.0000023)]	ND(0.000056)	NS	ND(0.0000032)
Total TEQs (WHO TEFs)	0.00000038 [0.00000055]	0.000017	NS	0.00000072
Inorganics				
Antimony	2.00 B [1.90 B]	ND(6.00) J	NS	ND(6.00) J
Arsenic	4.30 [4.10]	5.40	NS	5.80
Barium	18.0 B [18.0 B]	26.0	NS	30.0
Beryllium	0.160 B [0.140 B]	0.210 B	NS	0.230 B
Cadmium	0.490 B [0.390 B]	0.260 B	NS	0.280 B
Chromium	4.30 [3.60]	6.80	NS	8.60
Cobalt	5.60 [5.10]	8.40	NS	10.0
Copper	11.0 [10.0]	22.0	NS	18.0
Cyanide	ND(0.590) [ND(0.600)]	ND(0.580)	NS	ND(0.570)
Lead	4.80 [4.50]	17.0	NS	7.00
Mercury	ND(0.120) [ND(0.120)]	0.0420 B	NS	ND(0.110)
Nickel	9.60 [8.40]	16.0	NS	18.0
Selenium	ND(1.00) [ND(1.00)]	0.830 B	NS	0.960 B
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)
Sulfide	21.0 [13.0]	18.0	NS	9.20
Thallium	ND(1.20) J [ND(1.20) J]	ND(1.20) J	NS	ND(1.10) J
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	NS	ND(10.0)
Vanadium	4.20 B [3.60 B]	6.60	NS	7.80
Zinc	35.0 [26.0]	47.0	NS	50.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,1-Dichloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,1-Dichloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2-Dibromoethane	ND(0.0059)	ND(0.0055)	ND(3.5) J	ND(3.9) J [ND(3.6) J]
1,2-Dichloroethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,2-Dichloropropane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
1,4-Dioxane	ND(0.12) J	ND(0.11) J	ND(140) J	ND(150) J [ND(150) J]
2-Butanone	ND(0.012) J	ND(0.011)	ND(70)	ND(77) [ND(73)]
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
2-Chloroethylvinylether	ND(0.0059) J	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
2-Hexanone	ND(0.012) J	ND(0.011)	ND(7.0)	ND(7.7) [ND(7.3)]
3-Chloropropene	ND(0.0059)	ND(0.0055)	ND(7.0) J	ND(7.7) J [ND(7.3) J]
4-Methyl-2-pentanone	ND(0.012)	ND(0.011)	ND(7.0)	ND(7.7) [ND(7.3)]
Acetone	ND(0.024) J	ND(0.022)	ND(70)	ND(77) [ND(73)]
Acetonitrile	ND(0.12) J	ND(0.11)	ND(70)	ND(77) [ND(73)]
Acrolein	ND(0.12) J	ND(0.11) J	ND(70) J	ND(77) J [ND(73) J]
Acrylonitrile	ND(0.0059)	ND(0.0055)	ND(7.0) J	ND(7.7) J [ND(7.3) J]
Benzene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Bromodichloromethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Bromoform	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Bromomethane	ND(0.0059) J	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Carbon Disulfide	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Carbon Tetrachloride	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Chlorobenzene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Chloroethane	ND(0.0059) J	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Chloroform	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Chloromethane	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Dibromochloromethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Dibromomethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Dichlorodifluoromethane	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Ethyl Methacrylate	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Ethylbenzene	ND(0.0059)	ND(0.0055)	19	ND(3.9) [ND(3.6)]
Iodomethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Isobutanol	ND(0.12) J	ND(0.11) J	ND(140) J	ND(150) J [ND(150) J]
Methacrylonitrile	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Methyl Methacrylate	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Methylene Chloride	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Propionitrile	ND(0.012) J	ND(0.011) J	ND(35) J	ND(39) J [ND(36) J]
Styrene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Tetrachloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Toluene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Trichloroethene	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Trichlorofluoromethane	ND(0.0059)	ND(0.0055)	ND(3.5)	ND(3.9) [ND(3.6)]
Vinyl Acetate	ND(0.0059) J	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Vinyl Chloride	ND(0.0059)	ND(0.0055)	ND(7.0)	ND(7.7) [ND(7.3)]
Xylenes (total)	ND(0.0059)	ND(0.0055)	160	35 [24]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NS	ND(0.37)	ND(0.38)	NS
1,2,4-Trichlorobenzene	NS	ND(0.37)	ND(0.38)	NS
1,2-Dichlorobenzene	NS	ND(0.37)	ND(0.38)	NS
1,2-Diphenylhydrazine	NS	ND(0.37)	ND(0.38)	NS
1,3,5-Trinitrobenzene	NS	ND(0.37)	ND(0.38)	NS
1,3-Dichlorobenzene	NS	ND(0.37)	ND(0.38)	NS
1,3-Dinitrobenzene	NS	ND(0.74)	ND(0.75)	NS
1,4-Dichlorobenzene	NS	ND(0.37)	ND(0.38)	NS
1,4-Naphthoquinone	NS	ND(0.74)	ND(0.75)	NS
1-Naphthylamine	NS	ND(0.74)	ND(0.75)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(0.37)	ND(0.38)	NS
2,4,5-Trichlorophenol	NS	ND(0.37)	ND(0.38)	NS
2,4,6-Trichlorophenol	NS	ND(0.37)	ND(0.38)	NS
2,4-Dichlorophenol	NS	ND(0.37)	ND(0.38)	NS
2,4-Dimethylphenol	NS	ND(0.37)	ND(0.38)	NS
2,4-Dinitrophenol	NS	ND(1.9) J	ND(1.9) J	NS
2,4-Dinitrotoluene	NS	ND(0.37)	ND(0.38)	NS
2,6-Dichlorophenol	NS	ND(0.37)	ND(0.38)	NS
2,6-Dinitrotoluene	NS	ND(0.37)	ND(0.38)	NS
2-Acetylaminofluorene	NS	ND(0.74)	ND(0.75)	NS
2-Chloronaphthalene	NS	ND(0.37)	ND(0.38)	NS
2-Chlorophenol	NS	ND(0.37)	ND(0.38)	NS
2-Methylnaphthalene	NS	ND(0.37)	7.2	NS
2-Methylphenol	NS	ND(0.37)	ND(0.38)	NS
2-Naphthylamine	NS	ND(0.74)	ND(0.75)	NS
2-Nitroaniline	NS	ND(1.9)	ND(1.9)	NS
2-Nitrophenol	NS	ND(0.74)	ND(0.75)	NS
2-Picoline	NS	ND(0.37)	ND(0.38)	NS
3&4-Methylphenol	NS	ND(0.74)	ND(0.75)	NS
3,3'-Dichlorobenzidine	NS	ND(0.74)	ND(0.75)	NS
3,3'-Dimethylbenzidine	NS	ND(0.37)	ND(0.38)	NS
3-Methylcholanthrene	NS	ND(0.74)	ND(0.75)	NS
3-Nitroaniline	NS	ND(1.9)	ND(1.9)	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.37)	ND(0.38)	NS
4-Aminobiphenyl	NS	ND(0.74)	ND(0.75)	NS
4-Bromophenyl-phenylether	NS	ND(0.37)	ND(0.38)	NS
4-Chloro-3-Methylphenol	NS	ND(0.37)	ND(0.38)	NS
4-Chloroaniline	NS	ND(0.37)	ND(0.38)	NS
4-Chlorobenzilate	NS	ND(0.74)	ND(0.75)	NS
4-Chlorophenyl-phenylether	NS	ND(0.37)	ND(0.38)	NS
4-Nitroaniline	NS	ND(1.9)	ND(1.9)	NS
4-Nitrophenol	NS	ND(1.9)	ND(1.9)	NS
4-Nitroquinoline-1-oxide	NS	ND(0.74)	ND(0.75)	NS
4-Phenylenediamine	NS	ND(0.74)	ND(0.75)	NS
5-Nitro-o-toluidine	NS	ND(0.74)	ND(0.75)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(0.74)	ND(0.75)	NS
a,a'-Dimethylphenethylamine	NS	ND(0.74)	ND(0.75)	NS
Acenaphthene	NS	ND(0.37)	0.18 J	NS
Acenaphthylene	NS	0.095 J	ND(0.38)	NS
Acetophenone	NS	ND(0.37)	ND(0.38)	NS
Aniline	NS	ND(0.37)	ND(0.38)	NS
Anthracene	NS	0.079 J	0.45	NS
Aramite	NS	ND(0.74)	ND(0.75)	NS
Benzidine	NS	ND(0.74)	ND(0.75)	NS
Benzo(a)anthracene	NS	0.14 J	0.70	NS
Benzo(a)pyrene	NS	0.14 J	0.55	NS
Benzo(b)fluoranthene	NS	0.20 J	0.63	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	NS	0.14 J	0.29 J	NS
Benzo(k)fluoranthene	NS	0.096 J	0.30 J	NS
Benzyl Alcohol	NS	ND(0.74)	ND(0.75)	NS
bis(2-Chloroethoxy)methane	NS	ND(0.37)	ND(0.38)	NS
bis(2-Chloroethyl)ether	NS	ND(0.37)	ND(0.38)	NS
bis(2-Chloroisopropyl)ether	NS	ND(0.37)	ND(0.38)	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.36)	ND(0.37)	NS
Butylbenzylphthalate	NS	ND(0.37)	ND(0.38)	NS
Chrysene	NS	0.15 J	0.60	NS
Diallate	NS	ND(0.74)	ND(0.75)	NS
Dibenzo(a,h)anthracene	NS	ND(0.37)	ND(0.38)	NS
Dibenzofuran	NS	ND(0.37)	0.14 J	NS
Diethylphthalate	NS	ND(0.37)	ND(0.38)	NS
Dimethylphthalate	NS	ND(0.37)	ND(0.38)	NS
Di-n-Butylphthalate	NS	ND(0.37)	ND(0.38)	NS
Di-n-Octylphthalate	NS	ND(0.37)	ND(0.38)	NS
Diphenylamine	NS	ND(0.37)	ND(0.38)	NS
Ethyl Methanesulfonate	NS	ND(0.37)	ND(0.38)	NS
Fluoranthene	NS	0.33 J	1.6	NS
Fluorene	NS	ND(0.37)	0.24 J	NS
Hexachlorobenzene	NS	ND(0.37)	ND(0.38)	NS
Hexachlorobutadiene	NS	ND(0.37)	ND(0.38)	NS
Hexachlorocyclopentadiene	NS	ND(0.37)	ND(0.38)	NS
Hexachloroethane	NS	ND(0.37)	ND(0.38)	NS
Hexachlorophene	NS	ND(0.74) J	ND(0.75) J	NS
Hexachloropropene	NS	ND(0.37) J	ND(0.38) J	NS
Indeno(1,2,3-cd)pyrene	NS	0.12 J	0.27 J	NS
Isodrin	NS	ND(0.37)	ND(0.38)	NS
Isophorone	NS	ND(0.37)	ND(0.38)	NS
Isosafrole	NS	ND(0.74)	ND(0.75)	NS
Methapyrilene	NS	ND(0.74)	ND(0.75)	NS
Methyl Methanesulfonate	NS	ND(0.37)	ND(0.38)	NS
Naphthalene	NS	ND(0.37)	10	NS
Nitrobenzene	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosodiethylamine	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosodimethylamine	NS	ND(0.37)	ND(0.38)	NS
N-Nitroso-di-n-butylamine	NS	ND(0.74)	ND(0.75)	NS
N-Nitroso-di-n-propylamine	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosodiphenylamine	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosomethylethylamine	NS	ND(0.74)	ND(0.75)	NS
N-Nitrosomorpholine	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosopiperidine	NS	ND(0.37)	ND(0.38)	NS
N-Nitrosopyrrolidine	NS	ND(0.74)	ND(0.75)	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.37)	ND(0.38)	NS
o-Toluidine	NS	ND(0.37)	ND(0.38)	NS
p-Dimethylaminoazobenzene	NS	ND(0.74)	ND(0.75)	NS
Pentachlorobenzene	NS	ND(0.37)	ND(0.38)	NS
Pentachloroethane	NS	ND(0.37)	ND(0.38)	NS
Pentachloronitrobenzene	NS	ND(0.74) J	ND(0.75) J	NS
Pentachlorophenol	NS	ND(1.9)	ND(1.9)	NS
Phenacetin	NS	ND(0.74)	ND(0.75)	NS
Phenanthrene	NS	0.18 J	1.4	NS
Phenol	NS	ND(0.37)	ND(0.38)	NS
Pronamide	NS	ND(0.37)	ND(0.38)	NS
Pyrene	NS	0.27 J	1.3	NS
Pyridine	NS	ND(0.37)	ND(0.38)	NS
Safrole	NS	ND(0.37)	ND(0.38)	NS
Thionazin	NS	ND(0.37)	ND(0.38)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C2 8-10 01/09/03	RAA6-C4 0-1 01/10/03	RAA6-C6 0-1 01/10/03	RAA6-C6 6-8 01/10/03
Furans					
2,3,7,8-TCDF		NS	0.000013 Y	ND(0.0000020) X	NS
TCDFs (total)		NS	0.00013	0.000012	NS
1,2,3,7,8-PeCDF		NS	0.0000065	0.0000016 J	NS
2,3,4,7,8-PeCDF		NS	0.000016	ND(0.0000029) X	NS
PeCDFs (total)		NS	0.00021 QI	0.000017	NS
1,2,3,4,7,8-HxCDF		NS	0.0000075	ND(0.0000023) X	NS
1,2,3,6,7,8-HxCDF		NS	0.0000064	ND(0.0000021) X	NS
1,2,3,7,8,9-HxCDF		NS	0.0000016 JQ	ND(0.0000011) X	NS
2,3,4,6,7,8-HxCDF		NS	0.000018	ND(0.0000018) X	NS
HxCDFs (total)		NS	0.00025	ND(0.000013)	NS
1,2,3,4,6,7,8-HpCDF		NS	0.000026	ND(0.0000031)	NS
1,2,3,4,7,8,9-HpCDF		NS	0.0000026 J	ND(0.0000010)	NS
HpCDFs (total)		NS	0.000063	ND(0.0000056)	NS
OCDF		NS	0.000030	ND(0.0000036) X	NS
Dioxins					
2,3,7,8-TCDD		NS	0.00000066 J	ND(0.0000014)	NS
TCDDs (total)		NS	0.0000019	ND(0.0000029)	NS
1,2,3,7,8-PeCDD		NS	0.0000012 J	ND(0.0000027)	NS
PeCDDs (total)		NS	0.0000048 Q	ND(0.00000077)	NS
1,2,3,4,7,8-HxCDD		NS	0.0000013 J	ND(0.0000028)	NS
1,2,3,6,7,8-HxCDD		NS	0.0000020 J	ND(0.0000027)	NS
1,2,3,7,8,9-HxCDD		NS	0.0000015 J	ND(0.0000027)	NS
HxCDDs (total)		NS	0.000019	ND(0.0000027)	NS
1,2,3,4,6,7,8-HpCDD		NS	0.000030	ND(0.0000033)	NS
HpCDDs (total)		NS	0.000060	ND(0.0000051)	NS
OCDD		NS	0.00021	ND(0.000015)	NS
Total TEQs (WHO TEFs)		NS	0.000016	0.0000038	NS
Inorganics					
Antimony		NS	ND(6.00)	0.950 B	NS
Arsenic		NS	3.40	9.00	NS
Barium		NS	21.0	42.0	NS
Beryllium		NS	0.120 B	0.230 B	NS
Cadmium		NS	0.250 B	0.360 B	NS
Chromium		NS	5.60	10.0	NS
Cobalt		NS	4.90 B	16.0	NS
Copper		NS	15.0	44.0	NS
Cyanide		NS	ND(0.220)	ND(0.220)	NS
Lead		NS	24.0	210	NS
Mercury		NS	0.0470 B	0.0330 B	NS
Nickel		NS	10.0	19.0	NS
Selenium		NS	0.690 B	1.80	NS
Silver		NS	ND(1.00)	1.40	NS
Sulfide		NS	14.0	90.0	NS
Thallium		NS	ND(1.10) J	ND(1.10) J	NS
Tin		NS	ND(10.0)	ND(11.0)	NS
Vanadium		NS	6.10	9.90	NS
Zinc		NS	47.0	61.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-C6	RAA6-C15	RAA6-C15	RAA6-C17
Sample Depth(Feet):	6-15	3-6	4-6	0-1
Date Collected:	01/10/03	01/07/03	01/07/03	01/02/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	NS	ND(0.0056)	ND(0.0058)
1,1,1-Trichloroethane	NS	NS	ND(0.0056)	ND(0.0058)
1,1,2,2-Tetrachloroethane	NS	NS	ND(0.0056)	ND(0.0058) J
1,1,2-Trichloroethane	NS	NS	ND(0.0056)	ND(0.0058)
1,1-Dichloroethane	NS	NS	ND(0.0056)	ND(0.0058)
1,1-Dichloroethene	NS	NS	ND(0.0056)	ND(0.0058)
1,2,3-Trichloropropane	NS	NS	ND(0.0056)	ND(0.0058) J
1,2-Dibromo-3-chloropropane	NS	NS	ND(0.0056)	ND(0.0058) J
1,2-Dibromoethane	NS	NS	ND(0.0056)	ND(0.0058)
1,2-Dichloroethane	NS	NS	ND(0.0056)	ND(0.0058)
1,2-Dichloropropane	NS	NS	ND(0.0056)	ND(0.0058)
1,4-Dioxane	NS	NS	ND(0.11) J	ND(0.12) J
2-Butanone	NS	NS	ND(0.011) J	ND(0.012) J
2-Chloro-1,3-butadiene	NS	NS	ND(0.0056)	ND(0.0058)
2-Chloroethylvinylether	NS	NS	ND(0.0056) J	ND(0.0058)
2-Hexanone	NS	NS	ND(0.011) J	ND(0.012)
3-Chloropropene	NS	NS	ND(0.0056)	ND(0.0058)
4-Methyl-2-pentanone	NS	NS	ND(0.011) J	ND(0.012)
Acetone	NS	NS	ND(0.022) J	ND(0.023) J
Acetonitrile	NS	NS	ND(0.11) J	ND(0.12) J
Acrolein	NS	NS	ND(0.11) J	ND(0.12) J
Acrylonitrile	NS	NS	ND(0.0056)	ND(0.0058)
Benzene	NS	NS	ND(0.0056)	ND(0.0058)
Bromodichloromethane	NS	NS	ND(0.0056)	ND(0.0058)
Bromoform	NS	NS	ND(0.0056)	ND(0.0058)
Bromomethane	NS	NS	ND(0.0056)	ND(0.0058) J
Carbon Disulfide	NS	NS	ND(0.0056)	ND(0.0058)
Carbon Tetrachloride	NS	NS	ND(0.0056)	ND(0.0058)
Chlorobenzene	NS	NS	ND(0.0056)	ND(0.0058)
Chloroethane	NS	NS	ND(0.0056)	ND(0.0058) J
Chloroform	NS	NS	ND(0.0056)	ND(0.0058)
Chloromethane	NS	NS	ND(0.0056)	ND(0.0058)
cis-1,3-Dichloropropene	NS	NS	ND(0.0056)	ND(0.0058)
Dibromochloromethane	NS	NS	ND(0.0056)	ND(0.0058)
Dibromomethane	NS	NS	ND(0.0056)	ND(0.0058)
Dichlorodifluoromethane	NS	NS	ND(0.0056)	ND(0.0058)
Ethyl Methacrylate	NS	NS	ND(0.0056)	ND(0.0058)
Ethylbenzene	NS	NS	ND(0.0056)	ND(0.0058)
Iodomethane	NS	NS	ND(0.0056)	ND(0.0058)
Isobutanol	NS	NS	ND(0.11) J	ND(0.12) J
Methacrylonitrile	NS	NS	ND(0.0056)	ND(0.0058) J
Methyl Methacrylate	NS	NS	ND(0.0056)	ND(0.0058)
Methylene Chloride	NS	NS	ND(0.0056)	ND(0.0058)
Propionitrile	NS	NS	ND(0.011) J	ND(0.012) J
Styrene	NS	NS	ND(0.0056)	ND(0.0058)
Tetrachloroethene	NS	NS	ND(0.0056)	ND(0.0058)
Toluene	NS	NS	ND(0.0056)	ND(0.0058)
trans-1,2-Dichloroethene	NS	NS	ND(0.0056)	ND(0.0058)
trans-1,3-Dichloropropene	NS	NS	ND(0.0056)	ND(0.0058)
trans-1,4-Dichloro-2-butene	NS	NS	ND(0.0056)	ND(0.0058) J
Trichloroethene	NS	NS	ND(0.0056)	ND(0.0058)
Trichlorofluoromethane	NS	NS	ND(0.0056)	ND(0.0058)
Vinyl Acetate	NS	NS	ND(0.0056)	ND(0.0058) J
Vinyl Chloride	NS	NS	ND(0.0056)	ND(0.0058)
Xylenes (total)	NS	NS	ND(0.0056)	ND(0.0058)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C6 6-15 01/10/03	RAA6-C15 3-6 01/07/03	RAA6-C15 4-6 01/07/03	RAA6-C17 0-1 01/02/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,2-Dichlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,2-Diphenylhydrazine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,3,5-Trinitrobenzene	ND(0.40) J [ND(0.39) J]	ND(0.37) J	NS	ND(0.39)
1,3-Dichlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,3-Dinitrobenzene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
1,4-Dichlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
1,4-Naphthoquinone	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
1-Naphthylamine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
2,3,4,6-Tetrachlorophenol	ND(0.40) J [ND(0.39) J]	ND(0.37)	NS	ND(0.39)
2,4,5-Trichlorophenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2,4,6-Trichlorophenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2,4-Dichlorophenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2,4-Dimethylphenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2,4-Dinitrophenol	ND(2.0) J [ND(2.0) J]	ND(1.9) J	NS	ND(2.0) J
2,4-Dinitrotoluene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39) J
2,6-Dichlorophenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2,6-Dinitrotoluene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2-Acetylaminofluorene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
2-Chloronaphthalene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2-Chlorophenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2-Methylnaphthalene	0.15 J [0.26 J]	ND(0.37)	NS	ND(0.39)
2-Methylphenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
2-Naphthylamine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
2-Nitroaniline	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0) J
2-Nitrophenol	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
2-Picoline	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
3&4-Methylphenol	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
3,3'-Dichlorobenzidine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
3,3'-Dimethylbenzidine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
3-Methylcholanthrene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
3-Nitroaniline	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0) J
4,6-Dinitro-2-methylphenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
4-Aminobiphenyl	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
4-Bromophenyl-phenylether	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
4-Chloroaniline	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
4-Chlorobenzilate	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
4-Chlorophenyl-phenylether	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
4-Nitroaniline	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0)
4-Nitrophenol	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0) J
4-Nitroquinoline-1-oxide	ND(0.80) J [ND(0.78) J]	ND(0.74)	NS	ND(0.78)
4-Phenylenediamine	ND(0.80) [ND(0.78)]	ND(0.74) J	NS	ND(0.78) J
5-Nitro-o-toluidine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
a,a'-Dimethylphenethylamine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Acenaphthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Acenaphthylene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Acetophenone	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Aniline	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39) J
Anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Aramite	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Benzidine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Benzo(a)anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.20 J
Benzo(a)pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.22 J
Benzo(b)fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.29 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-C6	RAA6-C15	RAA6-C15	RAA6-C17
Sample Depth(Feet):	6-15	3-6	4-6	0-1
Date Collected:	01/10/03	01/07/03	01/07/03	01/02/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.15 J
Benzo(k)fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.15 J
Benzyl Alcohol	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
bis(2-Chloroethoxy)methane	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.40) J [ND(0.39) J]	ND(0.37)	NS	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.39) [ND(0.39)]	ND(0.37)	NS	ND(0.38)
Butylbenzylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Chrysene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.22 J
Diallate	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Dibenzo(a,h)anthracene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Dibenzofuran	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Diethylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Dimethylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Di-n-Butylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Di-n-Octylphthalate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Diphenylamine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Ethyl Methanesulfonate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Fluoranthene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.39
Fluorene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Hexachlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Hexachlorobutadiene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Hexachlorocyclopentadiene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39) J
Hexachloroethane	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Hexachlorophene	ND(0.80) J [ND(0.78) J]	ND(0.74) J	NS	ND(0.78) J
Hexachloropropene	ND(0.40) J [ND(0.39) J]	ND(0.37)	NS	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.12 J
Isodrin	ND(0.40) [ND(0.39)]	ND(0.37) J	NS	ND(0.39)
Isophorone	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Isosafrole	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Methapyrilene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Methyl Methanesulfonate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Naphthalene	0.27 J [0.27 J]	ND(0.37)	NS	ND(0.39)
Nitrobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosodiethylamine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosodimethylamine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
N-Nitroso-di-n-propylamine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosodiphenylamine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosomethylethylamine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
N-Nitrosomorpholine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosopiperidine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
N-Nitrosopyrrolidine	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
o,o,o-Triethylphosphorothioate	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
o-Toluidine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Pentachlorobenzene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Pentachloroethane	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Pentachloronitrobenzene	ND(0.80) J [ND(0.78) J]	ND(0.74)	NS	ND(0.78)
Pentachlorophenol	ND(2.0) [ND(2.0)]	ND(1.9)	NS	ND(2.0)
Phenacetin	ND(0.80) [ND(0.78)]	ND(0.74)	NS	ND(0.78)
Phenanthrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.17 J
Phenol	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Pronamide	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Pyrene	ND(0.40) [ND(0.39)]	ND(0.37)	NS	0.34 J
Pyridine	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Safrole	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)
Thionazin	ND(0.40) [ND(0.39)]	ND(0.37)	NS	ND(0.39)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-C6 6-15 01/10/03	RAA6-C15 3-6 01/07/03	RAA6-C15 4-6 01/07/03	RAA6-C17 0-1 01/02/03
Furans				
2,3,7,8-TCDF	ND(0.00000075) [ND(0.0000013)]	ND(0.00000011)	NS	0.000015 Y
TCDFs (total)	ND(0.00000075) [ND(0.0000013)]	ND(0.00000011)	NS	0.00020
1,2,3,7,8-PeCDF	ND(0.0000017) [ND(0.00000061)]	ND(0.00000027)	NS	0.0000070 J
2,3,4,7,8-PeCDF	ND(0.00000036) X [ND(0.00000092)]	ND(0.000000073)	NS	0.000036
PeCDFs (total)	ND(0.00000014) [ND(0.0000015)]	ND(0.000000073)	NS	0.00034
1,2,3,4,7,8-HxCDF	ND(0.00000055) X [0.00000094 J]	ND(0.00000027)	NS	0.0000090 J
1,2,3,6,7,8-HxCDF	ND(0.0000017) [ND(0.00000057)]	ND(0.00000027)	NS	ND(0.0000087) X
1,2,3,7,8,9-HxCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000023 J
2,3,4,6,7,8-HxCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.000019 J
HxCDFs (total)	ND(0.0000017) [ND(0.0000015)]	ND(0.00000027)	NS	0.00022
1,2,3,4,6,7,8-HpCDF	0.0000010 J [ND(0.0000018)]	ND(0.00000027)	NS	0.000019 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000024) X
HpCDFs (total)	ND(0.0000010) [ND(0.0000018)]	ND(0.00000027)	NS	0.000037
OCDF	ND(0.0000016) [ND(0.0000025) X]	ND(0.00000054)	NS	0.000011 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000081) [ND(0.0000012)]	ND(0.00000013)	NS	ND(0.0000010) X
TCDDs (total)	ND(0.0000024) [ND(0.0000029)]	ND(0.00000020)	NS	0.0000046
1,2,3,7,8-PeCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000017) X
PeCDDs (total)	ND(0.0000031) [ND(0.0000042)]	ND(0.00000027)	NS	0.000014
1,2,3,4,7,8-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	ND(0.0000013) X
1,2,3,6,7,8-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000034 J
1,2,3,7,8,9-HxCDD	ND(0.0000017) [ND(0.0000025)]	ND(0.00000027)	NS	0.0000024 J
HxCDDs (total)	ND(0.0000033) [ND(0.0000051)]	ND(0.00000030)	NS	0.000032
1,2,3,4,6,7,8-HpCDD	ND(0.0000018) [ND(0.0000036)]	ND(0.00000024) X	NS	0.000019 J
HpCDDs (total)	ND(0.0000027) [ND(0.0000053)]	ND(0.00000027)	NS	0.000037
OCDD	0.000014 J [ND(0.000019)]	ND(0.0000012)	NS	0.000085
Total TEQs (WHO TEFs)	0.0000020 [0.0000029]	0.00000033	NS	0.000026
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	1.50 B	NS	33.0
Arsenic	8.40 [7.20]	5.60	NS	5.90
Barium	22.0 [17.0 B]	19.0 B	NS	52.0
Beryllium	0.120 B [0.170 B]	0.240 B	NS	0.200 B
Cadmium	0.280 B [0.270 B]	0.490 B	NS	0.370 B
Chromium	8.20 [7.80]	5.00	NS	5.90
Cobalt	12.0 [10.0]	6.60	NS	6.40
Copper	27.0 [20.0]	11.0	NS	88.0
Cyanide	ND(0.240) [ND(0.230)]	ND(0.560)	NS	ND(0.580)
Lead	9.40 [7.30]	9.00	NS	140
Mercury	ND(0.120) [ND(0.120)]	ND(0.110)	NS	0.480
Nickel	19.0 [19.0]	10.0	NS	10.0
Selenium	1.60 [1.00 B]	ND(1.00)	NS	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	NS	ND(1.00)
Sulfide	37.0 [32.0]	28.0	NS	47.0
Thallium	ND(1.20) J [ND(1.20) J]	ND(1.10) J	NS	ND(1.20)
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	NS	110
Vanadium	6.70 [6.60]	5.20	NS	6.60
Zinc	58.0 [51.0]	34.0	NS	81.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-D5	RAA6-D5	RAA6-D5	RAA6-D7	RAA6-D7
Sample Depth(Feet):	0-1	1-6	4-6	0-1	1-3
Date Collected:	01/14/03	01/14/03	01/14/03	01/13/03	01/13/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,1,1-Trichloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,1,2,2-Tetrachloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,1,2-Trichloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,1-Dichloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,1-Dichloroethene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2-Dibromoethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2-Dichloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,2-Dichloropropane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
1,4-Dioxane	ND(0.11) J	NS	ND(0.10) J	ND(0.12) J	ND(0.11) J
2-Butanone	ND(0.011)	NS	ND(0.010)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
2-Chloroethylvinylether	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
2-Hexanone	ND(0.011)	NS	ND(0.010)	ND(0.012)	ND(0.011)
3-Chloropropene	ND(0.0056) J	NS	ND(0.0053) J	ND(0.0058)	ND(0.0057) J
4-Methyl-2-pentanone	ND(0.011)	NS	ND(0.010)	ND(0.012)	ND(0.011)
Acetone	0.015 J	NS	0.021 J	ND(0.023)	ND(0.023)
Acetonitrile	ND(0.11) J	NS	ND(0.10) J	ND(0.12)	ND(0.11)
Acrolein	ND(0.11) J	NS	ND(0.10) J	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Benzene	ND(0.0056)	NS	0.020	ND(0.0058)	ND(0.0057)
Bromodichloromethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Bromoform	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Bromomethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057) J
Carbon Disulfide	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Carbon Tetrachloride	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Chlorobenzene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Chloroethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Chloroform	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Chloromethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
cis-1,3-Dichloropropene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Dibromochloromethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Dibromomethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Dichlorodifluoromethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Ethyl Methacrylate	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Ethylbenzene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Iodomethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Isobutanol	ND(0.11) J	NS	ND(0.10) J	ND(0.12) J	ND(0.11) J
Methacrylonitrile	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Methyl Methacrylate	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Methylene Chloride	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Propionitrile	ND(0.011) J	NS	ND(0.010) J	ND(0.012) J	ND(0.011) J
Styrene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Tetrachloroethene	0.0044 J	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Toluene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
trans-1,2-Dichloroethene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
trans-1,3-Dichloropropene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0056) J	NS	ND(0.0053) J	ND(0.0058)	ND(0.0057)
Trichloroethene	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Trichlorofluoromethane	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Vinyl Acetate	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Vinyl Chloride	ND(0.0056)	NS	ND(0.0053)	ND(0.0058)	ND(0.0057)
Xylenes (total)	ND(0.0056)	NS	0.061	ND(0.0058)	ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-D5 0-1 01/14/03	RAA6-D5 1-6 01/14/03	RAA6-D5 4-6 01/14/03	RAA6-D7 0-1 01/13/03	RAA6-D7 1-3 01/13/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,2-Dichlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.37) J	ND(0.37) J	NS	ND(0.39) J	ND(0.38) J
1,3-Dichlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,3-Dinitrobenzene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
1,4-Naphthoquinone	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
1-Naphthylamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
2,3,4,6-Tetrachlorophenol	ND(0.37) J	ND(0.37) J	NS	ND(0.39) J	ND(0.38) J
2,4,5-Trichlorophenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,4-Dichlorophenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,4-Dimethylphenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,4-Dinitrophenol	ND(1.9) J	ND(1.9) J	NS	ND(2.0) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,6-Dichlorophenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2,6-Dinitrotoluene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2-Acetylaminofluorene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
2-Chloronaphthalene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2-Chlorophenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2-Methylnaphthalene	ND(0.37)	0.47	NS	ND(0.39)	0.17 J
2-Methylphenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
2-Naphthylamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
2-Nitroaniline	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
2-Nitrophenol	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
2-Picoline	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
3&4-Methylphenol	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
3,3'-Dichlorobenzidine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
3-Methylcholanthrene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
3-Nitroaniline	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
4-Aminobiphenyl	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
4-Chloroaniline	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
4-Chlorobenzilate	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
4-Nitroaniline	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
4-Nitrophenol	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.75) J	ND(0.75) J	NS	ND(0.78) J	ND(0.76) J
4-Phenylenediamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
5-Nitro-o-toluidine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Acenaphthene	ND(0.37)	ND(0.37)	NS	0.14 J	0.91
Acenaphthylene	0.24 J	ND(0.37)	NS	ND(0.39)	0.077 J
Acetophenone	ND(0.37)	0.60	NS	ND(0.39)	ND(0.38)
Aniline	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Anthracene	0.26 J	ND(0.37)	NS	0.33 J	3.2
Aramite	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Benzidine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Benzo(a)anthracene	0.43	ND(0.37)	NS	0.65	5.3
Benzo(a)pyrene	0.56	ND(0.37)	NS	0.56	3.8
Benzo(b)fluoranthene	0.70	ND(0.37)	NS	0.64	4.0

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA6-D5 0-1 01/14/03	RAA6-D5 1-6 01/14/03	RAA6-D5 4-6 01/14/03	RAA6-D7 0-1 01/13/03	RAA6-D7 1-3 01/13/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	0.40	ND(0.37)	NS	0.32 J	1.8
Benzo(k)fluoranthene	0.27 J	ND(0.37)	NS	0.26 J	1.7
Benzyl Alcohol	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.37) J	ND(0.37) J	NS	ND(0.39) J	ND(0.38) J
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.37)	NS	ND(0.38)	ND(0.37)
Butylbenzylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Chrysene	0.36 J	ND(0.37)	NS	0.59	4.3
Diallate	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Dibenzo(a,h)anthracene	0.14 J	ND(0.37)	NS	ND(0.39)	0.57
Dibenzofuran	ND(0.37)	ND(0.37)	NS	ND(0.39)	0.57
Diethylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Dimethylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Di-n-Butylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Di-n-Octylphthalate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Diphenylamine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Ethyl Methanesulfonate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Fluoranthene	0.60	ND(0.37)	NS	1.5	11
Fluorene	ND(0.37)	ND(0.37)	NS	0.11 J	1.0
Hexachlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Hexachlorobutadiene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Hexachloroethane	ND(0.37)	ND(0.37)	NS	0.099 J	ND(0.38)
Hexachlorophene	ND(0.75) J	ND(0.75) J	NS	ND(0.78) J	ND(0.76) J
Hexachloropropene	ND(0.37) J	ND(0.37) J	NS	ND(0.39) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene	0.38	ND(0.37)	NS	0.30 J	1.7
Isodrin	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Isophorone	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Isosafrole	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Methapyrilene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Methyl Methanesulfonate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Naphthalene	ND(0.37)	0.75	NS	ND(0.39)	0.16 J
Nitrobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosodiethylamine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosodimethylamine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
N-Nitrosomorpholine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosopiperidine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
o-Toluidine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Pentachlorobenzene	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Pentachloroethane	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Pentachloronitrobenzene	ND(0.75) J	ND(0.75) J	NS	ND(0.78) J	ND(0.76) J
Pentachlorophenol	ND(1.9)	ND(1.9)	NS	ND(2.0)	ND(1.9)
Phenacetin	ND(0.75)	ND(0.75)	NS	ND(0.78)	ND(0.76)
Phenanthrene	0.24 J	ND(0.37)	NS	1.1	9.5
Phenol	ND(0.37)	ND(0.37)	NS	8.2	ND(0.38)
Pronamide	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Pyrene	0.48	ND(0.37)	NS	ND(0.39)	8.5
Pyridine	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Safrole	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)
Thionazin	ND(0.37)	ND(0.37)	NS	ND(0.39)	ND(0.38)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-D5 0-1 01/14/03	RAA6-D5 1-6 01/14/03	RAA6-D5 4-6 01/14/03	RAA6-D7 0-1 01/13/03	RAA6-D7 1-3 01/13/03
Furans					
2,3,7,8-TCDF	ND(0.0000020) X	0.0000016 J	NS	0.0000092 Y	0.0000094 Y
TCDFs (total)	0.0000078	0.0000016	NS	0.00023 Q	0.00015 Q
1,2,3,7,8-PeCDF	ND(0.0000015) X	ND(0.00000084) X	NS	ND(0.0000049) X	0.0000038 JQ
2,3,4,7,8-PeCDF	0.0000043 J	0.0000014 J	NS	0.000024	0.000013 Q
PeCDFs (total)	0.000039	ND(0.0000014)	NS	0.00021 Q	0.00013 QI
1,2,3,4,7,8-HxCDF	ND(0.0000024) X	ND(0.0000029)	NS	0.000010	0.0000072
1,2,3,6,7,8-HxCDF	ND(0.0000019)	ND(0.00000082) X	NS	0.0000086	0.0000059
1,2,3,7,8,9-HxCDF	ND(0.0000012) X	0.00000086 J	NS	0.0000021 JQ	0.0000012 JQ
2,3,4,6,7,8-HxCDF	ND(0.0000033) X	ND(0.00000084) X	NS	0.000017	0.000012
HxCDFs (total)	0.000028	ND(0.0000077)	NS	0.00026 Q	0.00016 Q
1,2,3,4,6,7,8-HpCDF	0.0000053 J	0.0000032 J	NS	0.000045	0.000017
1,2,3,4,7,8,9-HpCDF	ND(0.0000012) X	ND(0.0000018) X	NS	0.0000059	0.0000029 J
HpCDFs (total)	0.000010	0.0000072	NS	0.00013	0.000046
OCDF	0.0000085 J	0.0000077 J	NS	0.00011	0.000046
Dioxins					
2,3,7,8-TCDD	ND(0.0000011)	ND(0.00000097) X	NS	ND(0.00000056) X	ND(0.00000028)
TCDDs (total)	0.0000047	ND(0.0000020)	NS	0.00000021 Q	0.0000014 Q
1,2,3,7,8-PeCDD	ND(0.0000027)	ND(0.0000025)	NS	0.0000018 J	0.00000081 J
PeCDDs (total)	ND(0.0000028)	ND(0.0000026)	NS	0.0000051 Q	0.0000022 Q
1,2,3,4,7,8-HxCDD	ND(0.0000027)	ND(0.0000025)	NS	0.0000028 J	0.00000051 J
1,2,3,6,7,8-HxCDD	ND(0.0000014) X	ND(0.0000025)	NS	0.0000062	0.0000011 J
1,2,3,7,8,9-HxCDD	0.0000015 J	0.00000097 J	NS	0.0000054 J	0.00000083 JQ
HxCDDs (total)	0.0000042	0.0000020	NS	0.000041	0.0000055 Q
1,2,3,4,6,7,8-HpCDD	ND(0.000011)	ND(0.0000052)	NS	0.00011	0.000036
HpCDDs (total)	ND(0.000020)	ND(0.0000097)	NS	0.00018	0.000068
OCDD	ND(0.000060)	ND(0.000032)	NS	0.00071	0.00061
Total TEQs (WHO TEFs)	0.0000051	0.0000033	NS	0.000022	0.000012
Inorganics					
Antimony	ND(6.00)	ND(6.00)	NS	1.30 B	ND(6.00)
Arsenic	7.10	8.60	NS	5.90	6.80
Barium	30.0	26.0	NS	26.0 J	31.0 J
Beryllium	ND(0.50)	ND(0.50)	NS	0.240 B	0.280 B
Cadmium	0.430 B	0.460 B	NS	0.830	0.660
Chromium	6.30	7.40	NS	9.20	7.90
Cobalt	11.0	9.10	NS	6.60 J	9.50 J
Copper	30.0	33.0	NS	46.0	41.0
Cyanide	ND(0.220)	ND(0.220)	NS	0.200 J	ND(0.110)
Lead	36.0	36.0	NS	91.0	44.0
Mercury	0.0750 B	0.190	NS	0.0520 B	0.0510 B
Nickel	13.0	15.0	NS	13.0	16.0
Selenium	1.00 B	1.70	NS	0.890 B	0.810 B
Silver	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	38.0	210	NS	22.0 J	24.0 J
Thallium	ND(1.10) J	ND(1.10) J	NS	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	ND(10.0)	NS	ND(10.0)	ND(10.0)
Vanadium	8.60	6.70	NS	8.00	7.50
Zinc	50.0	110	NS	75.0	53.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-D10 0-1 01/13/03	RAA6-D10 6-8 01/13/03	RAA6-D10 6-15 01/13/03	RAA6-D12 0-1 01/09/03	RAA6-D14 0-1 01/07/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,1-Dichloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,1-Dichloroethene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2-Dibromoethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2-Dichloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,2-Dichloropropane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
1,4-Dioxane	ND(0.11) J	ND(0.12) J	NS	ND(0.12)	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.012)	NS	ND(0.012)	ND(0.011) J
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
2-Chloroethylvinylether	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054) J
2-Hexanone	ND(0.011)	ND(0.012)	NS	ND(0.012)	ND(0.011) J
3-Chloropropene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.011)	ND(0.012)	NS	ND(0.012)	ND(0.011) J
Acetone	ND(0.022)	ND(0.023)	NS	ND(0.025)	ND(0.021) J
Acetonitrile	ND(0.11)	ND(0.12)	NS	ND(0.12)	ND(0.11) J
Acrolein	ND(0.11) J	ND(0.12) J	NS	ND(0.12)	ND(0.11) J
Acrylonitrile	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Benzene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Bromodichloromethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Bromoform	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Bromomethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Carbon Disulfide	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Carbon Tetrachloride	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Chlorobenzene	ND(0.0055)	ND(0.0058) J	NS	ND(0.0062)	ND(0.0054)
Chloroethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Chloroform	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Chloromethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Dibromochloromethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Dibromomethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Ethyl Methacrylate	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Ethylbenzene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Iodomethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Isobutanol	ND(0.11) J	ND(0.12) J	NS	ND(0.12)	ND(0.11) J
Methacrylonitrile	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Methyl Methacrylate	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Methylene Chloride	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Propionitrile	ND(0.011) J	ND(0.012) J	NS	ND(0.012)	ND(0.011) J
Styrene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Tetrachloroethene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Toluene	ND(0.0055)	ND(0.0058) J	NS	ND(0.0062)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Trichloroethene	ND(0.0055)	ND(0.0058) J	NS	ND(0.0062)	ND(0.0054)
Trichlorofluoromethane	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Vinyl Acetate	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Vinyl Chloride	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)
Xylenes (total)	ND(0.0055)	ND(0.0058)	NS	ND(0.0062)	ND(0.0054)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Sample ID:	RAA6-D10	RAA6-D10	RAA6-D10	RAA6-D12	RAA6-D14
Sample Depth(Feet):	0-1	6-8	6-15	0-1	0-1
Parameter Date Collected:	01/13/03	01/13/03	01/13/03	01/09/03	01/07/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
1,2-Dichlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
1,2-Diphenylhydrazine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
1,3,5-Trinitrobenzene	ND(0.37) J	NS	ND(0.39)	ND(0.41)	ND(0.36) J
1,3-Dichlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
1,3-Dinitrobenzene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
1,4-Dichlorobenzene	ND(0.37)	NS	0.36 J	ND(0.41)	ND(0.36)
1,4-Naphthoquinone	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
1-Naphthylamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
2,3,4,6-Tetrachlorophenol	ND(0.37) J	NS	ND(0.39) J	ND(0.41)	ND(0.36)
2,4,5-Trichlorophenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,4,6-Trichlorophenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,4-Dichlorophenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,4-Dimethylphenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,4-Dinitrophenol	ND(1.9) J	NS	ND(2.0) J	ND(2.1) J	ND(1.8) J
2,4-Dinitrotoluene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,6-Dichlorophenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2,6-Dinitrotoluene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2-Acetylaminofluorene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
2-Chloronaphthalene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2-Chlorophenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2-Methylnaphthalene	ND(0.37)	NS	0.50	ND(0.41)	ND(0.36)
2-Methylphenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
2-Naphthylamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
2-Nitroaniline	ND(1.9)	NS	ND(2.0)	ND(2.1)	ND(1.8)
2-Nitrophenol	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
2-Picoline	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
3&4-Methylphenol	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
3,3'-Dichlorobenzidine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
3,3'-Dimethylbenzidine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
3-Methylcholanthrene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
3-Nitroaniline	ND(1.9)	NS	ND(2.0)	ND(2.1)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
4-Aminobiphenyl	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
4-Bromophenyl-phenylether	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
4-Chloro-3-Methylphenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
4-Chloroaniline	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
4-Chlorobenzilate	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
4-Chlorophenyl-phenylether	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
4-Nitroaniline	ND(1.9)	NS	ND(2.0)	ND(2.1)	ND(1.8)
4-Nitrophenol	ND(1.9)	NS	R	ND(2.1)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(0.74) J	NS	ND(0.78) J	ND(0.82) J	ND(0.72)
4-Phenylenediamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72) J
5-Nitro-o-toluidine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
a,a'-Dimethylphenethylamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Acenaphthene	ND(0.37)	NS	ND(0.39) J	ND(0.41)	ND(0.36)
Acenaphthylene	0.12 J	NS	ND(0.39)	0.22 J	ND(0.36)
Acetophenone	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Aniline	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Anthracene	0.076 J	NS	ND(0.39)	0.22 J	ND(0.36)
Aramite	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Benzidine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Benzo(a)anthracene	0.37	NS	ND(0.39)	0.80	ND(0.36)
Benzo(a)pyrene	0.36 J	NS	ND(0.39)	0.80	ND(0.36)
Benzo(b)fluoranthene	0.59	NS	ND(0.39)	1.1	ND(0.36)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-D10 0-1 01/13/03	RAA6-D10 6-8 01/13/03	RAA6-D10 6-15 01/13/03	RAA6-D12 0-1 01/09/03	RAA6-D14 0-1 01/07/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	0.30 J	NS	ND(0.39)	0.53	ND(0.36)
Benzo(k)fluoranthene	0.23 J	NS	ND(0.39)	0.45	ND(0.36)
Benzyl Alcohol	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
bis(2-Chloroethoxy)methane	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.37) J	NS	ND(0.39)	ND(0.41)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NS	ND(0.39)	ND(0.41)	ND(0.35)
Butylbenzylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Chrysene	0.38	NS	ND(0.39)	0.80	ND(0.36)
Diallate	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Dibenzo(a,h)anthracene	0.096 J	NS	ND(0.39)	0.14 J	ND(0.36)
Dibenzofuran	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Diethylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Dimethylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Di-n-Butylphthalate	ND(0.37)	NS	ND(0.39)	0.11 J	ND(0.36)
Di-n-Octylphthalate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Diphenylamine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Ethyl Methanesulfonate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Fluoranthene	0.98	NS	ND(0.39)	2.0	ND(0.36)
Fluorene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachlorobutadiene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachlorocyclopentadiene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachloroethane	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Hexachlorophene	ND(0.74) J	NS	ND(0.78) J	ND(0.82) J	ND(0.72) J
Hexachloropropene	ND(0.37) J	NS	ND(0.39)	ND(0.41) J	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.28 J	NS	ND(0.39)	0.49	ND(0.36)
Isodrin	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36) J
Isophorone	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Isosafrole	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Methapyrilene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Methyl Methanesulfonate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Naphthalene	ND(0.37)	NS	0.81	ND(0.41)	ND(0.36)
Nitrobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosodiethylamine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosodimethylamine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
N-Nitroso-di-n-propylamine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosodiphenylamine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosomethylethylamine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
N-Nitrosomorpholine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosopiperidine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
N-Nitrosopyrrolidine	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
o,o,o-Triethylphosphorothioate	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
o-Toluidine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Pentachlorobenzene	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Pentachloroethane	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Pentachloronitrobenzene	ND(0.74) J	NS	ND(0.78) J	ND(0.82) J	ND(0.72)
Pentachlorophenol	ND(1.9)	NS	ND(2.0)	ND(2.1)	ND(1.8)
Phenacetin	ND(0.74)	NS	ND(0.78)	ND(0.82)	ND(0.72)
Phenanthrene	0.43	NS	ND(0.39)	0.97	ND(0.36)
Phenol	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Pronamide	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Pyrene	0.66	NS	ND(0.39)	1.4	ND(0.36)
Pyridine	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Safrole	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)
Thionazin	ND(0.37)	NS	ND(0.39)	ND(0.41)	ND(0.36)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-D10 0-1 01/13/03	RAA6-D10 6-8 01/13/03	RAA6-D10 6-15 01/13/03	RAA6-D12 0-1 01/09/03	RAA6-D14 0-1 01/07/03
Furans						
2,3,7,8-TCDF		0.0000044 Y	NS	0.00000061 J	0.0000076 Y	0.0000013 J
TCDFs (total)		0.000047 Q	NS	0.0000018	0.000090	0.000014
1,2,3,7,8-PeCDF		0.0000020 JQ	NS	0.0000010 J	0.0000030 J	0.0000011 J
2,3,4,7,8-PeCDF		0.0000065	NS	0.0000014 J	0.000013	0.0000044 J
PeCDFs (total)		0.000077 Q	NS	0.0000068 Q	0.00017 Q	0.000035
1,2,3,4,7,8-HxCDF		0.0000032 J	NS	0.0000028 J	0.000014	0.0000018 J
1,2,3,6,7,8-HxCDF		0.0000028 J	NS	0.0000012 J	0.0000081	0.0000016 J
1,2,3,7,8,9-HxCDF		0.0000015 JQ	NS	0.0000013 J	0.0000018 JQ	0.00000088 J
2,3,4,6,7,8-HxCDF		0.0000060	NS	0.0000014 J	0.000018	0.0000040 J
HxCDFs (total)		0.000081	NS	0.000011	0.00028 Q	0.000043
1,2,3,4,6,7,8-HpCDF		0.000019	NS	0.0000055 J	0.000089	0.0000033 J
1,2,3,4,7,8,9-HpCDF		0.0000030 J	NS	0.0000024 J	0.000010	0.00000084 J
HpCDFs (total)		0.000064	NS	0.000016	0.00028	0.0000085
OCDF		0.000076	NS	0.000019	0.00032	0.0000035 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000033) X	NS	ND(0.00000023)	0.00000058 J	ND(0.00000026)
TCDDs (total)		0.00000035 Q	NS	ND(0.00000023)	0.0000022	ND(0.00000026)
1,2,3,7,8-PeCDD		ND(0.0000012) XQ	NS	ND(0.00000077) X	0.0000022 J	0.00000067 J
PeCDDs (total)		0.0000016 Q	NS	0.00000038	0.0000086 Q	ND(0.00000067)
1,2,3,4,7,8-HxCDD		0.0000013 J	NS	0.00000077 J	0.0000033 J	ND(0.00000076) X
1,2,3,6,7,8-HxCDD		0.0000025 J	NS	0.0000012 J	0.000010	ND(0.0000011)
1,2,3,7,8,9-HxCDD		0.0000022 J	NS	0.0000012 J	0.0000064	ND(0.0000010)
HxCDDs (total)		0.000016	NS	0.0000042	0.000063	0.0000040
1,2,3,4,6,7,8-HpCDD		0.000047	NS	0.000011	0.00025	0.0000027 J
HpCDDs (total)		0.000080	NS	0.000020	0.00042	0.0000046
OCDD		0.00036	NS	0.000073	0.0018	ND(0.000014)
Total TEQs (WHO TEFs)		0.0000072	NS	0.0000025	0.000020	0.0000042
Inorganics						
Antimony		0.960 B	NS	1.90 B	1.50 J	2.50 B
Arsenic		6.80	NS	5.20	7.90	6.80
Barium		23.0 J	NS	15.0 J	37.0	24.0
Beryllium		0.190 B	NS	0.190 B	0.660	0.200 B
Cadmium		0.690	NS	0.570	1.00	1.90
Chromium		10.0	NS	5.60	14.0	5.30
Cobalt		10.0 J	NS	6.60 J	8.90	5.70
Copper		40.0	NS	16.0	41.0	19.0
Cyanide		ND(0.220)	NS	ND(0.580)	0.220 B	ND(0.110)
Lead		29.0	NS	6.80	140	18.0
Mercury		0.0280 B	NS	ND(0.120)	0.100 B	ND(0.110)
Nickel		18.0	NS	10.0	18.0	8.10
Selenium		1.10	NS	0.530 B	1.60	0.860 B
Silver		ND(1.00)	NS	ND(1.00)	0.550 B	ND(1.00)
Sulfide		26.0 J	NS	37.0 J	16.0	19.0
Thallium		ND(1.10) J	NS	ND(1.20) J	ND(1.20) J	ND(1.10) J
Tin		ND(10.0)	NS	ND(10.0)	5.90 B	ND(10.0)
Vanadium		8.00	NS	4.40 B	12.0	3.40 B
Zinc		63.0	NS	31.0	100	34.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-E1 0-1 01/09/03	RAA6-E1 6-15 01/09/03	RAA6-E1 12-15 01/09/03	RAA6-E3 0-1 01/14/03	RAA6-E3 1-6 01/14/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,1,1-Trichloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,1,2,2-Tetrachloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,1,2-Trichloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,1-Dichloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,1-Dichloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2,3-Trichloropropane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2-Dibromo-3-chloropropane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2-Dibromoethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2-Dichloroethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,2-Dichloropropane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
1,4-Dioxane	ND(0.12) J	NS	ND(0.12) J	ND(0.12) J	NS
2-Butanone	ND(0.012) J	NS	ND(0.012) J	ND(0.012)	NS
2-Chloro-1,3-butadiene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
2-Chloroethylvinylether	ND(0.0061) J	NS	ND(0.0058) J	ND(0.0059)	NS
2-Hexanone	ND(0.012) J	NS	ND(0.012) J	ND(0.012)	NS
3-Chloropropene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059) J	NS
4-Methyl-2-pentanone	ND(0.012)	NS	ND(0.012)	ND(0.012)	NS
Acetone	ND(0.024) J	NS	ND(0.023) J	ND(0.023)	NS
Acetonitrile	ND(0.12) J	NS	ND(0.12) J	ND(0.12) J	NS
Acrolein	ND(0.12) J	NS	ND(0.12) J	ND(0.12) J	NS
Acrylonitrile	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Benzene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Bromodichloromethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Bromoform	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Bromomethane	ND(0.0061) J	NS	ND(0.0058) J	ND(0.0059)	NS
Carbon Disulfide	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Carbon Tetrachloride	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Chlorobenzene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Chloroethane	ND(0.0061) J	NS	ND(0.0058)	ND(0.0059)	NS
Chloroform	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Chloromethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
cis-1,3-Dichloropropene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Dibromochloromethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Dibromomethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Dichlorodifluoromethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Ethyl Methacrylate	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Ethylbenzene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Iodomethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Isobutanol	ND(0.12) J	NS	ND(0.12) J	ND(0.12) J	NS
Methacrylonitrile	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Methyl Methacrylate	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Methylene Chloride	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Propionitrile	ND(0.012) J	NS	ND(0.012) J	ND(0.012) J	NS
Styrene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Tetrachloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Toluene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
trans-1,2-Dichloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
trans-1,3-Dichloropropene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
trans-1,4-Dichloro-2-butene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059) J	NS
Trichloroethene	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Trichlorofluoromethane	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Vinyl Acetate	ND(0.0061) J	NS	ND(0.0058) J	ND(0.0059)	NS
Vinyl Chloride	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS
Xylenes (total)	ND(0.0061)	NS	ND(0.0058)	ND(0.0059)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-E1	RAA6-E1	RAA6-E1	RAA6-E3	RAA6-E3
Sample Depth(Feet):	0-1	6-15	12-15	0-1	1-6
Date Collected:	01/09/03	01/09/03	01/09/03	01/14/03	01/14/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,2-Dichlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,3,5-Trinitrobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39) J	ND(0.37) J
1,3-Dichlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,3-Dinitrobenzene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
1,4-Dichlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
1,4-Naphthoquinone	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
1-Naphthylamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
2,3,4,6-Tetrachlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39) J	ND(0.37) J
2,4,5-Trichlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,4-Dichlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,4-Dimethylphenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,4-Dinitrophenol	ND(3.3) J	ND(2.0) J	NS	ND(2.0) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,6-Dichlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2,6-Dinitrotoluene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Acetylaminofluorene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
2-Chloronaphthalene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Chlorophenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Methylnaphthalene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Methylphenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
2-Naphthylamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
2-Nitroaniline	ND(3.3)	ND(2.0)	NS	ND(2.0)	ND(1.9)
2-Nitrophenol	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
2-Picoline	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
3&4-Methylphenol	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
3,3'-Dichlorobenzidine	ND(1.3)	ND(0.77)	NS	ND(0.78)	ND(0.74)
3,3'-Dimethylbenzidine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
3-Methylcholanthrene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
3-Nitroaniline	ND(3.3)	ND(2.0)	NS	ND(2.0)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
4-Aminobiphenyl	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
4-Bromophenyl-phenylether	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
4-Chloroaniline	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
4-Chlorobenzilate	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
4-Chlorophenyl-phenylether	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
4-Nitroaniline	ND(2.1)	ND(2.0)	NS	ND(2.0)	ND(1.9)
4-Nitrophenol	ND(3.3)	ND(2.0)	NS	ND(2.0)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.82) J	ND(0.77) J	NS	ND(0.78) J	ND(0.74) J
4-Phenylenediamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
5-Nitro-o-toluidine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Acenaphthene	ND(0.65)	ND(0.38)	NS	0.12 J	ND(0.37)
Acenaphthylene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Acetophenone	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Aniline	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Anthracene	ND(0.65)	ND(0.38)	NS	0.20 J	0.13 J
Aramite	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Benzidine	ND(1.3)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Benzo(a)anthracene	0.27 J	ND(0.38)	NS	0.45	0.17 J
Benzo(a)pyrene	0.30 J	ND(0.38)	NS	0.39	0.16 J
Benzo(b)fluoranthene	0.33 J	ND(0.38)	NS	0.48	0.14 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID:	RAA6-E1	RAA6-E1	RAA6-E1	RAA6-E3	RAA6-E3
Sample Depth(Feet):	0-1	6-15	12-15	0-1	1-6
Date Collected:	01/09/03	01/09/03	01/09/03	01/14/03	01/14/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	0.18 J	ND(0.38)	NS	0.27 J	0.085 J
Benzo(k)fluoranthene	ND(0.65)	ND(0.38)	NS	0.18 J	0.079 J
Benzyl Alcohol	ND(1.3)	ND(0.77)	NS	ND(0.78)	ND(0.74)
bis(2-Chloroethoxy)methane	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.65)	ND(0.38)	NS	ND(0.39) J	ND(0.37) J
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Butylbenzylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Chrysene	0.27 J	ND(0.38)	NS	0.39	0.15 J
Diallate	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Dibenzofuran	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Diethylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Dimethylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Di-n-Butylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Di-n-Octylphthalate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Diphenylamine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Ethyl Methanesulfonate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Fluoranthene	0.53 J	ND(0.38)	NS	1.2	0.46
Fluorene	ND(0.65)	ND(0.38)	NS	0.11 J	ND(0.37)
Hexachlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Hexachlorobutadiene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Hexachlorocyclopentadiene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Hexachloroethane	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Hexachlorophene	ND(1.3) J	ND(0.77) J	NS	ND(0.78) J	ND(0.74) J
Hexachloropropene	ND(0.65) J	ND(0.38) J	NS	ND(0.39) J	ND(0.37) J
Indeno(1,2,3-cd)pyrene	0.16 J	ND(0.38)	NS	0.23 J	ND(0.37)
Isodrin	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Isophorone	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Isosafrole	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Methapyrilene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Methyl Methanesulfonate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Naphthalene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Nitrobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosodiethylamine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosodimethylamine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
N-Nitrosomorpholine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosopiperidine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
o-Toluidine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Pentachlorobenzene	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Pentachloroethane	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Pentachloronitrobenzene	ND(0.82) J	ND(0.77) J	NS	ND(0.78) J	ND(0.74) J
Pentachlorophenol	ND(3.3)	ND(2.0)	NS	ND(2.0)	ND(1.9)
Phenacetin	ND(0.82)	ND(0.77)	NS	ND(0.78)	ND(0.74)
Phenanthrene	0.24 J	ND(0.38)	NS	0.88	0.43
Phenol	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Pronamide	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Pyrene	0.46 J	ND(0.38)	NS	0.97	0.35 J
Pyridine	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Safrole	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)
Thionazin	ND(0.65)	ND(0.38)	NS	ND(0.39)	ND(0.37)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E1 0-1 01/09/03	RAA6-E1 6-15 01/09/03	RAA6-E1 12-15 01/09/03	RAA6-E3 0-1 01/14/03	RAA6-E3 1-6 01/14/03
Furans					
2,3,7,8-TCDF	0.0000037 Y	0.00000024 J	NS	0.0000086 Y	0.0000067 Y
TCDFs (total)	0.000048	0.00000024	NS	0.000069	0.000042
1,2,3,7,8-PeCDF	0.0000013 J	0.00000020 J	NS	ND(0.0000039) X	0.0000035 J
2,3,4,7,8-PeCDF	0.000010	ND(0.00000024)	NS	0.000012	0.0000050 J
PeCDFs (total)	0.00011 Q	ND(0.0000013)	NS	0.00013 Q	0.000065
1,2,3,4,7,8-HxCDF	0.0000031 J	ND(0.00000026)	NS	0.0000074	0.0000035 J
1,2,3,6,7,8-HxCDF	0.0000030 J	ND(0.00000024) X	NS	0.0000057 J	0.0000023 J
1,2,3,7,8,9-HxCDF	ND(0.00000069)	ND(0.00000054)	NS	0.0000039 JQ	0.00000083 J
2,3,4,6,7,8-HxCDF	0.0000066	ND(0.00000016)	NS	0.000011	0.0000056
HxCDFs (total)	0.00010 Q	ND(0.0000011)	NS	0.00017 Q	0.000071
1,2,3,4,6,7,8-HpCDF	0.000024	ND(0.00000037)	NS	0.000060	0.0000092
1,2,3,4,7,8,9-HpCDF	0.0000014 J	ND(0.00000054)	NS	0.0000092	0.0000012 J
HpCDFs (total)	0.000065	ND(0.00000078)	NS	0.00019	0.000022
OCDF	0.000057	0.00000067 J	NS	0.00023	0.000013
Dioxins					
2,3,7,8-TCDD	ND(0.00000042) X	ND(0.00000022)	NS	ND(0.00000074) X	ND(0.00000039) X
TCDDs (total)	0.00000068	ND(0.00000070)	NS	0.0000012	ND(0.00000040)
1,2,3,7,8-PeCDD	0.0000010 J	ND(0.00000054)	NS	0.0000031 J	ND(0.00000052) X
PeCDDs (total)	0.0000060 Q	ND(0.00000086)	NS	0.000010 Q	ND(0.00000083)
1,2,3,4,7,8-HxCDD	ND(0.00000089) X	ND(0.00000054)	NS	0.0000067	0.00000076 J
1,2,3,6,7,8-HxCDD	0.0000031 J	ND(0.00000054)	NS	0.000010	0.00000079 J
1,2,3,7,8,9-HxCDD	0.0000021 J	ND(0.00000054)	NS	0.0000090	ND(0.00000077) X
HxCDDs (total)	0.000020	ND(0.00000054)	NS	0.000072	0.0000071
1,2,3,4,6,7,8-HpCDD	0.000069	ND(0.00000072)	NS	0.00019	0.000011
HpCDDs (total)	0.00013	ND(0.0000012)	NS	0.00039	0.000024
OCDD	0.00064	ND(0.0000053)	NS	0.0016	0.000084
Total TEQs (WHO TEFs)	0.0000095	0.00000062	NS	0.000019	0.0000054
Inorganics					
Antimony	ND(6.00) J	ND(6.00) J	NS	ND(6.00)	ND(6.00)
Arsenic	5.60	5.60	NS	6.20	6.80
Barium	35.0	22.0	NS	58.0	36.0
Beryllium	0.240 B	0.140 B	NS	ND(0.50)	ND(0.50)
Cadmium	0.380 B	0.250 B	NS	0.960	0.580
Chromium	8.80	6.80	NS	12.0	8.10
Cobalt	8.50	8.70	NS	10.0	9.30
Copper	20.0	16.0	NS	33.0	23.0
Cyanide	ND(0.240)	ND(0.580)	NS	ND(0.230)	ND(0.220)
Lead	32.0	7.30	NS	72.0	41.0
Mercury	0.0860 B	ND(0.120)	NS	0.0720 B	0.0520 B
Nickel	16.0	16.0	NS	16.0	16.0
Selenium	1.20	1.00	NS	1.80	1.60
Silver	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Sulfide	ND(6.10)	ND(5.80)	NS	11.0	12.0
Thallium	ND(1.20) J	ND(1.20) J	NS	ND(1.20) J	ND(1.10) J
Tin	ND(10.0)	ND(10.0) J	NS	ND(10.0)	ND(10.0)
Vanadium	9.60	6.20	NS	12.0	7.20
Zinc	64.0	45.0	NS	110	76.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 / 4-6 / 01/14/03
Volatile Organics		
1,1,1,2-Tetrachloroethane		ND(0.0057)
1,1,1-Trichloroethane		ND(0.0057)
1,1,2,2-Tetrachloroethane		ND(0.0057)
1,1,2-Trichloroethane		ND(0.0057)
1,1-Dichloroethane		ND(0.0057)
1,1-Dichloroethene		ND(0.0057)
1,2,3-Trichloropropane		ND(0.0057)
1,2-Dibromo-3-chloropropane		ND(0.0057)
1,2-Dibromoethane		ND(0.0057)
1,2-Dichloroethane		ND(0.0057)
1,2-Dichloropropane		ND(0.0057)
1,4-Dioxane		ND(0.11) J
2-Butanone		ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0057)
2-Chloroethylvinylether		ND(0.0057)
2-Hexanone		ND(0.011)
3-Chloropropene		ND(0.0057) J
4-Methyl-2-pentanone		ND(0.011)
Acetone		ND(0.023)
Acetonitrile		ND(0.11) J
Acrolein		ND(0.11) J
Acrylonitrile		ND(0.0057)
Benzene		ND(0.0057)
Bromodichloromethane		ND(0.0057)
Bromoform		ND(0.0057)
Bromomethane		ND(0.0057)
Carbon Disulfide		ND(0.0057)
Carbon Tetrachloride		ND(0.0057)
Chlorobenzene		ND(0.0057)
Chloroethane		ND(0.0057)
Chloroform		ND(0.0057)
Chloromethane		ND(0.0057)
cis-1,3-Dichloropropene		ND(0.0057)
Dibromochloromethane		ND(0.0057)
Dibromomethane		ND(0.0057)
Dichlorodifluoromethane		ND(0.0057)
Ethyl Methacrylate		ND(0.0057)
Ethylbenzene		ND(0.0057)
Iodomethane		ND(0.0057)
Isobutanol		ND(0.11) J
Methacrylonitrile		ND(0.0057)
Methyl Methacrylate		ND(0.0057)
Methylene Chloride		ND(0.0057)
Propionitrile		ND(0.011) J
Styrene		ND(0.0057)
Tetrachloroethene		0.0034 J
Toluene		ND(0.0057)
trans-1,2-Dichloroethene		ND(0.0057)
trans-1,3-Dichloropropene		ND(0.0057)
trans-1,4-Dichloro-2-butene		ND(0.0057) J
Trichloroethene		ND(0.0057)
Trichlorofluoromethane		ND(0.0057)
Vinyl Acetate		ND(0.0057)
Vinyl Chloride		ND(0.0057)
Xylenes (total)		ND(0.0057)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 / 4-6 / 01/14/03
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene		NS
1,2,4-Trichlorobenzene		NS
1,2-Dichlorobenzene		NS
1,2-Diphenylhydrazine		NS
1,3,5-Trinitrobenzene		NS
1,3-Dichlorobenzene		NS
1,3-Dinitrobenzene		NS
1,4-Dichlorobenzene		NS
1,4-Naphthoquinone		NS
1-Naphthylamine		NS
2,3,4,6-Tetrachlorophenol		NS
2,4,5-Trichlorophenol		NS
2,4,6-Trichlorophenol		NS
2,4-Dichlorophenol		NS
2,4-Dimethylphenol		NS
2,4-Dinitrophenol		NS
2,4-Dinitrotoluene		NS
2,6-Dichlorophenol		NS
2,6-Dinitrotoluene		NS
2-Acetylaminofluorene		NS
2-Chloronaphthalene		NS
2-Chlorophenol		NS
2-Methylnaphthalene		NS
2-Methylphenol		NS
2-Naphthylamine		NS
2-Nitroaniline		NS
2-Nitrophenol		NS
2-Picoline		NS
3&4-Methylphenol		NS
3,3'-Dichlorobenzidine		NS
3,3'-Dimethylbenzidine		NS
3-Methylcholanthrene		NS
3-Nitroaniline		NS
4,6-Dinitro-2-methylphenol		NS
4-Aminobiphenyl		NS
4-Bromophenyl-phenylether		NS
4-Chloro-3-Methylphenol		NS
4-Chloroaniline		NS
4-Chlorobenzilate		NS
4-Chlorophenyl-phenylether		NS
4-Nitroaniline		NS
4-Nitrophenol		NS
4-Nitroquinoline-1-oxide		NS
4-Phenylenediamine		NS
5-Nitro-o-toluidine		NS
7,12-Dimethylbenz(a)anthracene		NS
a,a'-Dimethylphenethylamine		NS
Acenaphthene		NS
Acenaphthylene		NS
Acetophenone		NS
Aniline		NS
Anthracene		NS
Aramite		NS
Benzidine		NS
Benzo(a)anthracene		NS
Benzo(a)pyrene		NS
Benzo(b)fluoranthene		NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 / 4-6 / 01/14/03
Semivolatile Organics (continued)	
Benzo(g,h,i)perylene	NS
Benzo(k)fluoranthene	NS
Benzyl Alcohol	NS
bis(2-Chloroethoxy)methane	NS
bis(2-Chloroethyl)ether	NS
bis(2-Chloroisopropyl)ether	NS
bis(2-Ethylhexyl)phthalate	NS
Butylbenzylphthalate	NS
Chrysene	NS
Diallate	NS
Dibenzo(a,h)anthracene	NS
Dibenzofuran	NS
Diethylphthalate	NS
Dimethylphthalate	NS
Di-n-Butylphthalate	NS
Di-n-Octylphthalate	NS
Diphenylamine	NS
Ethyl Methanesulfonate	NS
Fluoranthene	NS
Fluorene	NS
Hexachlorobenzene	NS
Hexachlorobutadiene	NS
Hexachlorocyclopentadiene	NS
Hexachloroethane	NS
Hexachlorophene	NS
Hexachloropropene	NS
Indeno(1,2,3-cd)pyrene	NS
Isodrin	NS
Isophorone	NS
Isosafrole	NS
Methapyrilene	NS
Methyl Methanesulfonate	NS
Naphthalene	NS
Nitrobenzene	NS
N-Nitrosodiethylamine	NS
N-Nitrosodimethylamine	NS
N-Nitroso-di-n-butylamine	NS
N-Nitroso-di-n-propylamine	NS
N-Nitrosodiphenylamine	NS
N-Nitrosomethylethylamine	NS
N-Nitrosomorpholine	NS
N-Nitrosopiperidine	NS
N-Nitrosopyrrolidine	NS
o,o,o-Triethylphosphorothioate	NS
o-Toluidine	NS
p-Dimethylaminoazobenzene	NS
Pentachlorobenzene	NS
Pentachloroethane	NS
Pentachloronitrobenzene	NS
Pentachlorophenol	NS
Phenacetin	NS
Phenanthrene	NS
Phenol	NS
Pronamide	NS
Pyrene	NS
Pyridine	NS
Safrole	NS
Thionazin	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA6-E3 / 4-6 / 01/14/03
Furans		
2,3,7,8-TCDF		NS
TCDFs (total)		NS
1,2,3,7,8-PeCDF		NS
2,3,4,7,8-PeCDF		NS
PeCDFs (total)		NS
1,2,3,4,7,8-HxCDF		NS
1,2,3,6,7,8-HxCDF		NS
1,2,3,7,8,9-HxCDF		NS
2,3,4,6,7,8-HxCDF		NS
HxCDFs (total)		NS
1,2,3,4,6,7,8-HpCDF		NS
1,2,3,4,7,8,9-HpCDF		NS
HpCDFs (total)		NS
OCDF		NS
Dioxins		
2,3,7,8-TCDD		NS
TCDDs (total)		NS
1,2,3,7,8-PeCDD		NS
PeCDDs (total)		NS
1,2,3,4,7,8-HxCDD		NS
1,2,3,6,7,8-HxCDD		NS
1,2,3,7,8,9-HxCDD		NS
HxCDDs (total)		NS
1,2,3,4,6,7,8-HpCDD		NS
HpCDDs (total)		NS
OCDD		NS
Total TEQs (WHO TEFs)		NS
Inorganics		
Antimony		NS
Arsenic		NS
Barium		NS
Beryllium		NS
Cadmium		NS
Chromium		NS
Cobalt		NS
Copper		NS
Cyanide		NS
Lead		NS
Mercury		NS
Nickel		NS
Selenium		NS
Silver		NS
Sulfide		NS
Thallium		NS
Tin		NS
Vanadium		NS
Zinc		NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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, 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. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	ES1-7 ES1070608 6-8 05/16/96	ES1-8 ES1080406 4-6 05/16/96	ES1-9 ES1090406 4-6 05/16/96	ES1-14 ES1141416 14-16 07/29/96
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	NA
1,1,1-Trichloroethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,1,2,2-Tetrachloroethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	NA
1,1,2-Trichloroethane	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
1,1-Dichloroethane	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
1,1-Dichloroethene	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,2,3-Trichloropropane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,2-Dibromo-3-chloropropane	ND(0.060) [ND(0.065)]	ND(0.060)	ND(0.059)	ND(0.056)
1,2-Dibromoethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,2-Dichloroethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
1,2-Dichloropropane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
1,4-Dioxane	ND(61) [ND(66)]	ND(61)	ND(60)	ND(57)
2-Butanone	ND(0.042) [ND(0.045)]	ND(0.042)	ND(0.041)	ND(0.039)
2-Chloroethylvinylether	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
2-Hexanone	ND(0.042) [ND(0.045)]	ND(0.042)	ND(0.041)	ND(0.039)
3-Chloropropene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
4-Methyl-2-pentanone	ND(0.030) [ND(0.032)]	ND(0.030)	ND(0.029)	ND(0.028)
Acetone	0.032 JB [0.033 JB]	0.050 JB	0.023 JB	0.023 JB
Acetonitrile	ND(0.24) [ND(0.26)]	ND(0.24)	ND(0.24)	ND(0.22)
Acrolein	ND(0.28) [ND(0.30)]	ND(0.27)	ND(0.27)	ND(0.26)
Acrylonitrile	ND(0.25) [ND(0.27)]	ND(0.25)	ND(0.25)	ND(0.24)
Benzene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Bromodichloromethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Bromoform	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Bromomethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Carbon Disulfide	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
Carbon Tetrachloride	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Chlorobenzene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Chloroethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Chloroform	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Chloromethane	ND(0.042) [ND(0.045)]	ND(0.042)	ND(0.041)	ND(0.039)
cis-1,3-Dichloropropene	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
cis-1,4-Dichloro-2-butene	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	NA
Crotonaldehyde	ND(0.66) [ND(0.71)]	ND(0.65)	ND(0.65)	NA
Dibromochloromethane	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Dibromomethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Dichlorodifluoromethane	NA	NA	NA	ND(0.011)
Ethyl Methacrylate	ND(0.030) [ND(0.032)]	ND(0.030)	ND(0.029)	ND(0.028)
Ethylbenzene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Iodomethane	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
Isobutanol	ND(16) [ND(17)]	ND(15)	ND(15)	ND(15)
Methacrylonitrile	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Methyl Methacrylate	ND(0.060) [ND(0.065)]	ND(0.060)	ND(0.059)	ND(0.056)
Methylene Chloride	0.013 JB [0.011 JB]	0.010 JB	0.013 JB	0.014 JB
Propionitrile	ND(0.71) [ND(0.77)]	ND(0.70)	ND(0.69)	ND(0.66)
Styrene	ND(0.012) [ND(0.013)]	ND(0.012)	ND(0.012)	ND(0.011)
Tetrachloroethene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
Toluene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
trans-1,2-Dichloroethene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
trans-1,3-Dichloropropene	ND(0.018) [ND(0.019)]	ND(0.018)	ND(0.018)	ND(0.017)
trans-1,4-Dichloro-2-butene	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Trichloroethene	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Trichlorofluoromethane	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Vinyl Acetate	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Vinyl Chloride	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)
Xylenes (total)	ND(0.024) [ND(0.026)]	ND(0.024)	ND(0.024)	ND(0.022)

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Location ID:	ES1-7	ES1-8	ES1-9	ES1-14
Sample ID:	ES1070608	ES1080406	ES1090406	ES1141416
Sample Depth(Feet):	6-8	4-6	4-6	14-16
Date Collected:	05/16/96	05/16/96	05/16/96	07/29/96
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	ND(0.72)
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	ND(1.5)
1,2,3-Trichlorobenzene	NA	NA	NA	ND(0.67)
1,2,4,5-Tetrachlorobenzene	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
1,2,4-Trichlorobenzene	ND(0.66) [ND(3.6)]	ND(3.3)	ND(3.2)	ND(0.62)
1,2-Dichlorobenzene	ND(0.71) [ND(3.8)]	ND(3.5)	ND(3.5)	ND(0.66)
1,2-Dinitrobenzene	NA	NA	NA	ND(0.74)
1,2-Diphenylhydrazine	ND(0.83) [ND(4.5)]	ND(4.1)	ND(4.1)	ND(0.78)
1,3,5-Trichlorobenzene	NA	NA	NA	ND(0.69)
1,3,5-Trinitrobenzene	ND(1.1) [ND(5.9)]	ND(5.4)	ND(5.4)	ND(1.0)
1,3-Dichlorobenzene	0.064 J [ND(3.3)]	ND(3.0)	ND(3.0)	ND(0.57)
1,3-Dinitrobenzene	ND(0.67) [ND(3.6)]	ND(3.3)	ND(3.3)	ND(0.63)
1,4-Benzenediamine	NA	NA	NA	ND(0.74)
1,4-Dichlorobenzene	0.46 J [ND(3.4)]	ND(3.1)	ND(3.1)	ND(0.58)
1,4-Naphthoquinone	ND(1.9) [ND(10)]	ND(9.5)	ND(9.4)	ND(1.8)
1-Chloronaphthalene	NA	NA	NA	ND(1.3)
1-Methylnaphthalene	NA	NA	NA	ND(1.2)
1-Naphthylamine	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
2,3,4,6-Tetrachlorophenol	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
2,4,5-Trichlorophenol	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
2,4,6-Trichlorophenol	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
2,4-Dichlorophenol	ND(0.66) [ND(3.6)]	ND(3.3)	ND(3.2)	ND(0.62)
2,4-Dimethylphenol	ND(0.73) [ND(3.9)]	0.34 J	ND(3.6)	ND(0.69)
2,4-Dinitrophenol	ND(2.0) [ND(11)]	ND(10)	ND(10)	ND(1.9)
2,4-Dinitrotoluene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
2,6-Dichlorophenol	ND(1.4) [ND(7.8)]	ND(7.1)	ND(7.1)	ND(1.3)
2,6-Dinitrotoluene	ND(0.90) [ND(4.9)]	ND(4.5)	ND(4.4)	ND(0.84)
2-Acetylaminofluorene	ND(0.85) [ND(4.6)]	ND(4.2)	ND(4.2)	ND(0.80)
2-Chloronaphthalene	ND(1.2) [ND(6.3)]	ND(5.8)	ND(5.7)	ND(1.1)
2-Chlorophenol	ND(0.76) [ND(4.1)]	ND(3.8)	ND(3.7)	ND(0.71)
2-Methylnaphthalene	ND(1.0) [ND(5.4)]	ND(5.0)	ND(4.9)	ND(0.94)
2-Methylphenol	ND(0.78) [ND(4.2)]	ND(3.9)	ND(3.8)	ND(0.73)
2-Naphthylamine	ND(1.0) [ND(5.6)]	ND(5.1)	ND(5.1)	ND(0.97)
2-Nitroaniline	ND(1.3) [ND(7.1)]	ND(6.5)	ND(6.5)	ND(1.2)
2-Nitrophenol	ND(0.74) [ND(4.0)]	ND(3.7)	ND(3.6)	ND(0.70)
2-Picoline	ND(1.4) [ND(7.8)]	ND(7.1)	ND(7.1)	ND(1.3)
3,3'-Dichlorobenzidine	ND(0.60) [ND(3.2)]	ND(3.0)	ND(2.9)	ND(0.56)
3,3'-Dimethoxybenzidine	NA	NA	NA	ND(1.1)
3,3'-Dimethylbenzidine	ND(1.2) [ND(6.3)]	ND(5.8)	ND(5.7)	ND(1.1)
3-Methylcholanthrene	ND(0.73) [ND(3.9)]	ND(3.6)	ND(3.6)	ND(0.69)
3-Methylphenol	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
3-Nitroaniline	ND(0.83) [ND(4.5)]	ND(4.1)	ND(4.1)	ND(0.78)
3-Phenylenediamine	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	ND(0.51)
4,6-Dinitro-2-methylphenol	ND(2.2) [ND(12)]	ND(11)	ND(11)	ND(2.0)
4-Aminobiphenyl	ND(0.49) [ND(2.7)]	ND(2.4)	ND(2.4)	ND(0.46)
4-Bromophenyl-phenylether	ND(0.90) [ND(4.9)]	ND(4.5)	ND(4.4)	ND(0.84)
4-Chloro-3-Methylphenol	ND(0.90) [ND(4.9)]	ND(4.5)	ND(4.4)	ND(0.84)
4-Chloroaniline	ND(0.83) [ND(4.5)]	ND(4.1)	ND(4.1)	ND(0.78)
4-Chlorobenzilate	ND(0.85) [ND(4.6)]	ND(4.2)	ND(4.2)	ND(0.80)
4-Chlorophenol	NA	NA	NA	ND(0.74)
4-Chlorophenyl-phenylether	ND(0.72) [ND(3.9)]	ND(3.6)	ND(3.5)	ND(0.67)
4-Methylphenol	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
4-Nitroaniline	ND(1.3) [ND(7.1)]	ND(6.5)	ND(6.5)	ND(1.2)
4-Nitrophenol	ND(5.4) [ND(29)]	ND(27)	ND(26)	ND(5.1)
4-Nitroquinoline-1-oxide	ND(5.8) [ND(31)]	ND(29)	ND(28)	ND(5.4)
5-Nitro-o-toluidine	ND(1.2) [ND(6.5)]	ND(6.0)	ND(5.9)	ND(1.1)
7,12-Dimethylbenz(a)anthracene	ND(0.49) [ND(2.7)]	ND(2.4)	ND(2.4)	ND(0.46)
a,a'-Dimethylphenethylamine	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Acenaphthene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Acenaphthylene	ND(0.80) [ND(4.3)]	ND(4.0)	ND(3.9)	ND(0.75)

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

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

Parameter / Location ID:	ES1-7	ES1-8	ES1-9	ES1-14
Sample ID:	ES1070608	ES1080406	ES1090406	ES1141416
Sample Depth(Feet):	6-8	4-6	4-6	14-16
Date Collected:	05/16/96	05/16/96	05/16/96	07/29/96
Semivolatile Organics (continued)				
Acetophenone	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Aniline	ND(0.67) [ND(3.6)]	ND(3.3)	ND(3.3)	ND(0.63)
Anthracene	ND(0.89) [ND(4.8)]	ND(4.4)	ND(4.4)	ND(0.83)
Aramite	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Benzal chloride	NA	NA	NA	ND(0.60)
Benzidine	ND(1.9) [ND(10)]	ND(9.5)	ND(9.4)	ND(1.8)
Benzo(a)anthracene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Benzo(a)pyrene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Benzo(b)fluoranthene	ND(0.92) [ND(5.0)]	ND(4.6)	ND(4.5)	ND(0.87)
Benzo(g,h,i)perylene	ND(0.74) [ND(4.0)]	ND(3.7)	ND(3.6)	ND(0.70)
Benzo(k)fluoranthene	ND(0.74) [ND(4.0)]	ND(3.7)	ND(3.6)	ND(0.70)
Benzoic Acid	NA	NA	NA	ND(2.1)
Benzotrichloride	NA	NA	NA	ND(0.70)
Benzyl Alcohol	ND(0.66) [ND(3.6)]	ND(3.3)	ND(3.2)	ND(0.62)
Benzyl Chloride	NA	NA	NA	ND(0.65)
bis(2-Chloroethoxy)methane	ND(0.80) [ND(4.3)]	ND(4.0)	ND(3.9)	ND(0.75)
bis(2-Chloroethyl)ether	ND(0.71) [ND(3.8)]	ND(3.5)	ND(3.5)	ND(0.66)
bis(2-Chloroisopropyl)ether	ND(0.78) [ND(4.2)]	ND(3.9)	ND(3.8)	ND(0.73)
bis(2-Ethylhexyl)phthalate	0.10 J [ND(4.9)]	ND(4.5)	ND(4.4)	0.47 J
Butylbenzylphthalate	ND(0.82) [ND(4.4)]	ND(4.0)	ND(4.0)	ND(0.76)
Chrysene	ND(0.65) [ND(3.5)]	ND(3.2)	ND(3.2)	ND(0.61)
Cyclophosphamide	NA	NA	NA	ND(0.71)
Diallate (cis isomer)	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Diallate (trans isomer)	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Dibenz(a,j)acridine	NA	NA	NA	ND(0.46)
Dibenzo(a,h)anthracene	ND(0.52) [ND(2.8)]	ND(2.6)	ND(2.5)	ND(0.48)
Dibenzofuran	ND(0.83) [ND(4.5)]	ND(4.1)	ND(4.1)	ND(0.78)
Diethylphthalate	ND(0.86) [ND(4.7)]	ND(4.3)	ND(4.2)	ND(0.81)
Dimethoate	NA	NA	NA	ND(0.74)
Dimethylphthalate	ND(1.2) [ND(6.3)]	ND(5.8)	ND(5.7)	ND(1.1)
Di-n-Butylphthalate	ND(0.92) [ND(5.0)]	ND(4.6)	ND(4.5)	ND(0.87)
Di-n-Octylphthalate	ND(0.58) [ND(3.1)]	ND(2.9)	ND(2.8)	ND(0.54)
Diphenylamine	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
Disulfoton	NA	NA	NA	ND(0.74)
Ethyl Methacrylate	NA	NA	NA	ND(0.66)
Ethyl Methanesulfonate	ND(0.72) [ND(3.9)]	ND(3.6)	ND(3.5)	ND(0.67)
Ethyl Parathion	NA	NA	NA	ND(0.74)
Famphur	NA	NA	NA	ND(2.2)
Fluoranthene	ND(1.1) [ND(6.0)]	ND(5.5)	ND(5.4)	ND(1.0)
Fluorene	ND(0.83) [ND(4.5)]	ND(4.1)	ND(4.1)	ND(0.78)
Hexachlorobenzene	ND(0.92) [ND(5.0)]	ND(4.6)	ND(4.5)	ND(0.87)
Hexachlorobutadiene	ND(0.67) [ND(3.6)]	ND(3.3)	ND(3.3)	ND(0.63)
Hexachlorocyclopentadiene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Hexachloroethane	ND(0.72) [ND(3.9)]	ND(3.6)	ND(3.5)	ND(0.67)
Hexachloropropene	ND(0.68) [ND(3.7)]	ND(3.4)	ND(3.4)	ND(0.64)
Indeno(1,2,3-cd)pyrene	ND(0.55) [ND(3.0)]	ND(2.7)	ND(2.7)	ND(0.52)
Isodrin	ND(1.1) [ND(6.0)]	ND(5.5)	ND(5.4)	ND(1.0)
Isophorone	ND(0.82) [ND(4.4)]	ND(4.0)	ND(4.0)	ND(0.76)
Isosafrole	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
Methapyrilene	ND(1.6) [ND(8.4)]	ND(7.7)	ND(7.6)	ND(1.5)
Methyl Methanesulfonate	ND(0.84) [ND(4.5)]	ND(4.2)	ND(4.1)	ND(0.79)
Methyl Parathion	NA	NA	NA	ND(0.74)
Naphthalene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Nitrobenzene	ND(0.82) [ND(4.4)]	ND(4.0)	ND(4.0)	ND(0.76)
N-Nitrosodiethylamine	ND(0.72) [ND(3.9)]	ND(3.6)	ND(3.5)	ND(0.67)
N-Nitrosodimethylamine	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
N-Nitroso-di-n-butylamine	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
N-Nitroso-di-n-propylamine	ND(0.73) [ND(3.9)]	ND(3.6)	ND(3.6)	ND(0.69)
N-Nitrosodiphenylamine	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
N-Nitrosomethylethylamine	ND(0.65) [ND(3.5)]	ND(3.2)	ND(3.2)	ND(0.61)
N-Nitrosomorpholine	ND(0.90) [ND(4.9)]	ND(4.5)	ND(4.4)	ND(0.84)

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	ES1-7 ES1070608 6-8 05/16/96	ES1-8 ES1080406 4-6 05/16/96	ES1-9 ES1090406 4-6 05/16/96	ES1-14 ES1141416 14-16 07/29/96
Semivolatile Organics (continued)				
N-Nitrosopiperidine	ND(0.89) [ND(4.8)]	ND(4.4)	ND(4.4)	ND(0.83)
N-Nitrosopyrrolidine	ND(0.64) [ND(3.4)]	ND(3.2)	ND(3.1)	ND(0.60)
o,o,o-Triethylphosphorothioate	ND(6.4) [ND(34)]	ND(32)	ND(31)	ND(6.0)
o-Toluidine	ND(2.4) [ND(13)]	ND(12)	ND(12)	ND(2.2)
Paraldehyde	NA	NA	NA	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.80) [ND(4.3)]	ND(4.0)	ND(3.9)	ND(0.75)
Pentachlorobenzene	ND(0.79) [ND(4.3)]	ND(3.9)	ND(3.9)	ND(0.74)
Pentachloroethane	ND(1.0) [ND(5.4)]	ND(4.9)	ND(4.9)	ND(0.93)
Pentachloronitrobenzene	ND(0.77) [ND(4.1)]	ND(3.8)	ND(3.8)	ND(0.72)
Pentachlorophenol	ND(1.7) [ND(9.1)]	ND(8.3)	ND(8.2)	ND(1.6)
Phenacetin	ND(0.73) [ND(3.9)]	ND(3.6)	ND(3.6)	ND(0.69)
Phenanthrene	ND(0.74) [ND(4.0)]	ND(3.7)	ND(3.6)	ND(0.70)
Phenol	ND(0.68) [ND(3.7)]	ND(3.4)	ND(3.4)	ND(0.64)
Phorate	NA	NA	NA	ND(0.74)
Pronamide	ND(0.78) [ND(4.2)]	ND(3.9)	ND(3.8)	ND(0.73)
Pyrene	ND(0.88) [ND(4.7)]	ND(4.3)	ND(4.3)	ND(0.82)
Pyridine	ND(0.66) [ND(3.6)]	ND(3.3)	ND(3.2)	ND(0.62)
Safrole	ND(0.70) [ND(3.8)]	ND(3.5)	ND(3.4)	ND(0.65)
Sulfotep	NA	NA	NA	ND(0.74)
Thionazin	ND(0.80) [ND(4.3)]	ND(4.0)	ND(3.9)	ND(0.75)
Tributylphosphate	NA	NA	NA	ND(0.74)
Furans				
2,3,7,8-TCDF	ND(0.00000025) [ND(0.00000035)]	0.00000079 J	ND(0.000000067)	ND(0.00000010)
TCDFs (total)	ND(0.00000025) [ND(0.00000035)]	0.00000079	ND(0.00000010)	ND(0.00000010)
1,2,3,7,8-PeCDF	ND(0.000000091) [ND(0.00000011)]	ND(0.0000038) Y	ND(0.00000011)	ND(0.000000051)
2,3,4,7,8-PeCDF	ND(0.00000017) [ND(0.00000025)]	ND(0.00000066)	ND(0.000000092)	ND(0.000000056)
PeCDFs (total)	ND(0.00000050) [ND(0.00000088)]	ND(0.0000038)	ND(0.00000025)	ND(0.000000051)
1,2,3,4,7,8-HxCDF	ND(0.00000057) [ND(0.0000010)]	0.0000036 J	ND(0.000000066)	ND(0.000000043)
1,2,3,6,7,8-HxCDF	ND(0.00000020) [ND(0.00000018)]	ND(0.00000059)	ND(0.000000066)	ND(0.000000035)
1,2,3,7,8,9-HxCDF	ND(0.00000020) [ND(0.00000020)]	ND(0.00000055)	ND(0.000000051)	ND(0.000000047)
2,3,4,6,7,8-HxCDF	ND(0.00000021) [ND(0.00000034)]	ND(0.00000093)	ND(0.000000093)	ND(0.000000041)
HxCDFs (total)	ND(0.00000096) [ND(0.0000016)]	0.0000036	ND(0.00000051)	ND(0.000000035)
1,2,3,4,6,7,8-HpCDF	ND(0.0000012) [ND(0.0000014)]	0.0000045 J	ND(0.00000026)	ND(0.000000028)
1,2,3,4,7,8,9-HpCDF	ND(0.00000079) [ND(0.00000078)]	ND(0.0000031)	ND(0.00000021)	ND(0.000000032)
HpCDFs (total)	ND(0.0000017) [ND(0.0000023)]	0.000011	ND(0.00000045)	ND(0.000000028)
OCDF	0.000017 [ND(0.0000061)]	0.000015	ND(0.0000038)	ND(0.000000058)
Dioxins				
2,3,7,8-TCDD	ND(0.000000085) [ND(0.00000020)]	ND(0.00000013)	ND(0.00000012)	ND(0.000000067)
TCDDs (total)	ND(0.00000028) [ND(0.00000020)]	ND(0.00000054)	ND(0.00000012)	ND(0.000000067)
1,2,3,7,8-PeCDD	ND(0.00000020) [ND(0.00000011)]	ND(0.00000045)	ND(0.000000087)	ND(0.00000010)
PeCDDs (total)	ND(0.00000045) [ND(0.00000020)]	ND(0.00000075)	ND(0.00000017)	ND(0.00000010)
1,2,3,4,7,8-HxCDD	ND(0.000000092) [ND(0.000000072)]	ND(0.00000036)	ND(0.000000055)	ND(0.000000071)
1,2,3,6,7,8-HxCDD	ND(0.000000093) [ND(0.00000017)]	ND(0.00000066)	ND(0.000000053)	ND(0.000000059)
1,2,3,7,8,9-HxCDD	ND(0.000000097) [ND(0.000000075)]	ND(0.00000070)	ND(0.000000085)	ND(0.000000063)
HxCDDs (total)	ND(0.00000031) [ND(0.00000048)]	0.0000043	ND(0.00000017)	ND(0.000000059)
1,2,3,4,6,7,8-HpCDD	ND(0.0000021) [ND(0.0000031)]	0.0000060 J	ND(0.00000052)	ND(0.000000060)
HpCDDs (total)	ND(0.0000021) [ND(0.0000031)]	0.000011	ND(0.00000057)	ND(0.000000060)
OCDD	0.000021 [0.000029]	0.000045	ND(0.0000065)	ND(0.000000084)
Total TEQs (WHO TEFs)	0.00000030 [0.00000037]	0.0000013	0.00000016	0.00000012

TABLE B-2
HISTORICAL APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	ES1-7 ES1070608 6-8 05/16/96	ES1-8 ES1080406 4-6 05/16/96	ES1-9 ES1090406 4-6 05/16/96	ES1-14 ES1141416 14-16 07/29/96
Inorganics					
Antimony		0.500 BN [ND(0.390) N]	ND(0.350) N	ND(0.340) N	ND(0.250) N
Arsenic		7.10 [7.60]	4.90	3.00	3.80
Barium		35.1 [20.5 B]	10.7 B	16.4 B	22.7
Beryllium		0.390 B [0.300 B]	0.260 B	0.270 B	0.180 B
Cadmium		ND(0.0600) N [ND(0.0700) N]	ND(0.0600) N	ND(0.0600) N	ND(0.0300) N
Chromium		11.4 [8.50]	5.70	4.70	7.30
Cobalt		12.1 [9.80]	15.6	5.80	7.90 E
Copper		29.2 [36.0]	29.2	12.3	14.7 *
Cyanide		ND(0.620) N [ND(0.630) N]	ND(0.550) N	ND(0.600) N	NA
Lead		9.20 [9.40]	7.80	5.50	7.40 E
Mercury		ND(0.110) N [ND(0.130) N]	ND(0.120) N	0.130 N	ND(0.110)
Nickel		22.9 [17.8]	20.6	10.1	14.5 E
Selenium		ND(0.330) N [ND(0.380) N]	ND(0.330) N	ND(0.320) N	ND(0.340) N
Silver		ND(0.0800) [ND(0.0900)]	ND(0.0800)	ND(0.0800)	ND(0.0700)
Sulfide		ND(76.8) [ND(107)]	ND(35.1)	ND(67.9)	ND(61.7)
Thallium		ND(0.430) [ND(0.480)]	ND(0.430)	ND(0.410)	ND(0.350)
Tin		ND(1.00) [ND(1.10)]	ND(1.00)	ND(0.980)	1.40 B
Vanadium		8.30 [5.70 B]	3.60 B	3.60 B	5.40 B
Zinc		74.7 [50.9]	42.4	35.0	46.6

Notes:
1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
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. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)
B - Analyte was also detected in the associated method blank.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
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).
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 B-3
EPA APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C5 1N-BH000887-0-0060 6-15 01/09/03	RAA6-E6 1N-BH000891-0-0060 6-15 01/13/03	RAA6-E6 1N-BH000891-0-0080 8-10 01/13/03	RAA6-C3 1N-BH000896-0-0100 10-12 01/15/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.46)	NS	ND(0.49)	NS
1,1,1-Trichloroethane	ND(0.46)	NS	ND(0.49)	NS
1,1,2,2-Tetrachloroethane	ND(0.46)	NS	ND(0.49)	NS
1,1,2-Trichloroethane	ND(0.46)	NS	ND(0.49)	NS
1,1-Dichloroethane	ND(0.46)	NS	ND(0.49)	NS
1,1-Dichloroethene	ND(0.46)	NS	ND(0.49)	NS
1,2,3-Trichloropropane	ND(0.46)	NS	ND(0.49)	NS
1,2,4-Trichlorobenzene	ND(0.46)	NS	ND(0.49)	NS
1,2-Dibromo-3-chloropropane	ND(0.46)	NS	ND(0.49)	NS
1,2-Dibromoethane	ND(0.46)	NS	ND(0.49)	NS
1,2-Dichlorobenzene	ND(0.46)	NS	ND(0.49)	NS
1,2-Dichloroethane	ND(0.46)	NS	ND(0.49)	NS
1,2-Dichloropropane	ND(0.46)	NS	ND(0.49)	NS
1,3-Dichlorobenzene	0.32 J	NS	ND(0.49)	NS
1,4-Dichlorobenzene	2.3	NS	0.27 J	NS
1,4-Dioxane	R	NS	R	NS
2-Butanone	R	NS	0.22 J	NS
2-Chloro-1,3-butadiene	ND(0.46)	NS	ND(0.49)	NS
2-Chloroethylvinylether	ND(0.46)	NS	ND(0.49)	NS
2-Hexanone	ND(0.46)	NS	6.1	NS
3-Chloropropene	ND(0.46)	NS	ND(0.49)	NS
4-Methyl-2-pentanone	ND(0.46)	NS	ND(0.49)	NS
Acetone	R	NS	R	NS
Acrolein	R	NS	R	NS
Acrylonitrile	ND(0.46)	NS	ND(0.49)	NS
Benzene	ND(0.46)	NS	ND(0.49)	NS
Bromodichloromethane	ND(0.46)	NS	ND(0.49)	NS
Bromoform	0.095 J	NS	0.14 J	NS
Bromomethane	ND(0.46) J	NS	ND(0.49)	NS
Carbon Disulfide	ND(0.46)	NS	ND(0.49)	NS
Carbon Tetrachloride	ND(0.46)	NS	ND(0.49)	NS
Chlorobenzene	ND(0.46)	NS	ND(0.49)	NS
Chloroethane	ND(0.46)	NS	ND(0.49)	NS
Chloroform	ND(0.46)	NS	ND(0.49)	NS
Chloromethane	ND(0.46)	NS	ND(0.49)	NS
cis-1,2-Dichloroethene	ND(0.46)	NS	ND(0.49)	NS
cis-1,3-Dichloropropene	ND(0.46)	NS	ND(0.49)	NS
Dibromochloromethane	ND(0.46)	NS	ND(0.49)	NS
Dibromomethane	ND(0.46)	NS	ND(0.49)	NS
Ethyl Methacrylate	ND(0.46)	NS	ND(0.49)	NS
Ethylbenzene	ND(0.46)	NS	ND(0.49)	NS
Freon 12	ND(0.46)	NS	ND(0.49)	NS
Iodomethane	ND(0.46)	NS	ND(0.49)	NS
Isobutanol	R	NS	R	NS
m&p-Xylene	ND(0.46)	NS	0.20 J	NS
Methacrylonitrile	ND(0.46)	NS	ND(0.49)	NS
Methyl Methacrylate	ND(0.46)	NS	0.73	NS
Methyl tert-butyl ether	ND(0.46)	NS	ND(0.49)	NS
Methylene Chloride	ND(0.46)	NS	ND(0.49)	NS
Naphthalene	ND(0.46)	NS	ND(0.49)	NS
o-Xylene	ND(0.46)	NS	ND(0.49)	NS
Propionitrile	R	NS	R	NS
Styrene	ND(0.46)	NS	ND(0.49)	NS
Tetrachloroethene	ND(0.46)	NS	ND(0.49)	NS
Toluene	ND(0.46)	NS	ND(0.49)	NS
trans-1,2-Dichloroethene	ND(0.46)	NS	ND(0.49)	NS
trans-1,3-Dichloropropene	ND(0.46)	NS	ND(0.49)	NS
trans-1,4-Dichloro-2-butene	ND(0.46)	NS	ND(0.49)	NS
Trichloroethene	ND(0.46)	NS	ND(0.49)	NS
Trichlorofluoromethane	ND(0.46) J	NS	ND(0.49) J	NS
Vinyl Acetate	ND(0.46)	NS	ND(0.49)	NS
Vinyl Chloride	ND(0.46)	NS	ND(0.49)	NS
Xylenes (total)	ND(0.46)	NS	0.21 J	NS

TABLE B-3
EPA APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C5 1N-BH000887-0-0060 6-15 01/09/03	RAA6-E6 1N-BH000891-0-0060 6-15 01/13/03	RAA6-E6 1N-BH000891-0-0080 8-10 01/13/03	RAA6-C3 1N-BH000896-0-0100 10-12 01/15/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.34)	ND(0.39)	NS	ND(4.2)
1,2,4-Trichlorobenzene	ND(0.34)	ND(0.39)	NS	0.086 J
1,2-Dichlorobenzene	ND(0.34)	ND(0.39)	NS	ND(0.42)
1,3,5-Trinitrobenzene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
1,3-Dichlorobenzene	0.022 J	ND(0.39)	NS	0.18 J
1,3-Dinitrobenzene	ND(0.34)	ND(0.39)	NS	ND(4.2)
1,4-Dichlorobenzene	0.13 J	ND(0.39)	NS	1.4 J
1,4-Naphthoquinone	ND(0.34)	ND(0.39)	NS	ND(4.2)
1-Naphthylamine	ND(0.34) J	ND(0.39) J	NS	ND(4.2) J
2,3,4,6-Tetrachlorophenol	ND(0.34)	ND(0.39)	NS	ND(4.2)
2,4,5-Trichlorophenol	ND(0.85)	ND(0.98)	NS	ND(10)
2,4,6-Trichlorophenol	ND(0.34)	ND(0.39)	NS	ND(4.2)
2,4-Dichlorophenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
2,4-Dimethylphenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
2,4-Dinitrophenol	ND(0.85)	ND(0.98)	NS	ND(10)
2,4-Dinitrotoluene	ND(0.34)	ND(0.39)	NS	ND(4.2)
2,6-Dichlorophenol	ND(0.34)	ND(0.39)	NS	ND(0.42) J
2,6-Dinitrotoluene	ND(0.34)	ND(0.39)	NS	ND(4.2)
2-Acetylaminofluorene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
2-Chloronaphthalene	ND(0.34)	ND(0.39)	NS	ND(4.2)
2-Chlorophenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
2-Methylnaphthalene	ND(0.34)	ND(0.39)	NS	ND(0.42) J
2-Methylphenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
2-Naphthylamine	ND(0.34) J	ND(0.39) J	NS	ND(4.2) J
2-Nitroaniline	ND(0.85)	ND(0.98)	NS	ND(10)
2-Nitrophenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
2-Picoline	ND(0.34)	ND(0.39)	NS	ND(0.42)
3,3'-Dichlorobenzidine	ND(0.34) J	ND(0.39)	NS	ND(4.2)
3,3'-Dimethylbenzidine	ND(0.34) J	ND(0.39)	NS	ND(4.2)
3-Methylcholanthrene	ND(0.34)	ND(0.39)	NS	ND(4.2)
3-Nitroaniline	ND(0.85)	ND(0.98) J	NS	ND(10)
4,6-Dinitro-2-methylphenol	ND(0.85) J	ND(0.98)	NS	ND(10)
4-Aminobiphenyl	ND(0.34) J	ND(0.39) J	NS	ND(4.2) J
4-Bromophenyl-phenylether	ND(0.34) J	ND(0.39)	NS	ND(4.2)
4-Chloro-3-Methylphenol	ND(0.34)	ND(0.39)	NS	ND(0.42) J
4-Chloroaniline	ND(0.34)	ND(0.39)	NS	ND(0.42) J
4-Chlorobenzilate	ND(0.34) J	ND(0.39)	NS	ND(4.2)
4-Chlorophenyl-phenylether	ND(0.34)	ND(0.39)	NS	ND(4.2)
4-Methylphenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
4-Nitroaniline	ND(0.85)	ND(0.98)	NS	ND(10)
4-Nitrophenol	ND(0.85)	ND(0.98)	NS	ND(10)
4-Nitroquinoline-1-oxide	R	ND(0.39)	NS	ND(4.2)
4-Phenylenediamine	ND(0.34)	ND(0.39) J	NS	ND(0.42) J
5-Nitro-o-toluidine	ND(0.34)	ND(0.39)	NS	ND(4.2)
7,12-Dimethylbenz(a)anthracene	ND(0.34)	ND(0.39)	NS	ND(4.2)
a,a'-Dimethylphenethylamine	ND(0.34)	ND(0.39)	NS	ND(0.42) J
Acenaphthene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Acenaphthylene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Acetophenone	ND(0.34)	ND(0.39)	NS	ND(0.42)
Aniline	ND(0.85)	ND(0.98)	NS	ND(1.0)
Anthracene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Aramite	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Azobenzene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Benzo(a)anthracene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Benzo(a)pyrene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Benzo(b)fluoranthene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Benzo(g,h,i)perylene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Benzo(k)fluoranthene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Benzyl Alcohol	ND(0.34)	ND(0.39)	NS	ND(0.42)
bis(2-Chloroethoxy)methane	ND(0.34)	ND(0.39)	NS	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.34)	ND(0.39)	NS	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(0.34)	ND(0.39)	NS	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Butylbenzylphthalate	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Chrysene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Diallate	ND(0.34) J	ND(0.39)	NS	ND(4.2)

TABLE B-3
EPA APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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:	RAA6-C5 1N-BH000887-0-0060 6-15 01/09/03	RAA6-E6 1N-BH000891-0-0060 6-15 01/13/03	RAA6-E6 1N-BH000891-0-0080 8-10 01/13/03	RAA6-C3 1N-BH000896-0-0100 10-12 01/15/03
Semivolatile Organics (continued)				
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Dibenzofuran	ND(0.34)	ND(0.39)	NS	ND(4.2)
Diethylphthalate	ND(0.34)	ND(0.39)	NS	ND(4.2)
Dimethylphthalate	ND(0.34)	ND(0.39)	NS	ND(4.2)
Di-n-Butylphthalate	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Di-n-Octylphthalate	ND(0.34)	ND(0.39)	NS	ND(4.2)
Ethyl Methanesulfonate	ND(0.34)	ND(0.39)	NS	ND(0.42)
Fluoranthene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Fluorene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Hexachlorobenzene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Hexachlorobutadiene	ND(0.34)	ND(0.39)	NS	ND(0.42) J
Hexachlorocyclopentadiene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Hexachloroethane	ND(0.34)	ND(0.39)	NS	ND(0.42)
Hexachloropropene	ND(0.34) J	ND(0.39) J	NS	ND(0.42) J
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Isophorone	ND(0.34)	ND(0.39)	NS	ND(0.42)
Isosafrole	ND(0.34)	ND(0.39)	NS	ND(0.42) J
Methapyrilene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Methyl Methanesulfonate	ND(0.34)	ND(0.39)	NS	ND(0.42)
Naphthalene	ND(0.34)	ND(0.39)	NS	ND(0.42) J
Nitrobenzene	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosodiethylamine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosodimethylamine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitroso-di-n-butylamine	ND(0.34)	ND(0.39)	NS	ND(0.42) J
N-Nitroso-di-n-propylamine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosodiphenylamine	ND(0.34) J	ND(0.39)	NS	ND(4.2)
N-Nitrosomethylethylamine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosomorpholine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosopiperidine	ND(0.34)	ND(0.39)	NS	ND(0.42)
N-Nitrosopyrrolidine	ND(0.34)	ND(0.39)	NS	ND(0.42)
o-Toluidine	ND(0.34)	ND(0.39)	NS	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Pentachlorobenzene	ND(0.34)	ND(0.39)	NS	ND(4.2)
Pentachloroethane	ND(0.34)	ND(0.39)	NS	ND(0.42)
Pentachloronitrobenzene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Pentachlorophenol	ND(0.85) J	ND(0.98)	NS	ND(10)
Phenacetin	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Phenanthrene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Phenol	ND(0.34)	ND(0.39)	NS	ND(0.42)
Pronamide	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Pyrene	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Pyridine	ND(0.34)	ND(0.39) J	NS	ND(0.42) J
Safrole	ND(0.34)	ND(0.39)	NS	ND(4.2)
Herbicides				
Dinoseb	ND(0.34) J	ND(0.39)	NS	ND(4.2)
Inorganics				
Antimony	ND(0.270)	R	NS	ND(0.330)
Arsenic	5.00	11.8	NS	8.90 J
Barium	20.8	22.7	NS	34.9
Beryllium	0.170 J	0.220 J	NS	0.290 J
Cadmium	ND(0.0770)	ND(0.0880)	NS	ND(0.0480) J
Chromium	6.90	11.9 J	NS	14.2
Cobalt	8.50	16.6	NS	14.1
Copper	15.0	31.2	NS	41.3
Lead	7.20	11.0 J	NS	10.4 J
Mercury	ND(0.0170)	ND(0.0190)	NS	ND(0.0200)
Nickel	13.9	26.0	NS	26.7
Selenium	ND(0.270)	ND(0.310)	NS	R
Silver	0.170 J	0.290 J	NS	ND(0.190)
Thallium	ND(0.280)	ND(0.320)	NS	ND(0.350) J
Tin	ND(0.490)	ND(0.870)	NS	0.550 J
Vanadium	8.50	13.8 J	NS	13.4
Zinc	49.0	80.4	NS	92.7

TABLE B-3
EPA APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 1-NORTH 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.

Data Qualifiers:

J - Estimated Value.
R - Rejected.

Appendix C

Soil Sampling Data Validation Report

BBL®
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APPENDIX C

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

EAST STREET AREA 1-NORTH PRE-DESIGN INVESTIGATION

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This Appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected pre-design investigation activities at a portion of the East Street Area I North Pre-Design Investigation, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia and Paradigm Analytical Laboratories, Inc. of Wilmington, North Carolina. Data validation was performed for 92 polychlorinated biphenyl (PCB) samples, 31 volatile organic compound (VOC) samples, 30 semi-volatile organic compound (SVOC) samples, 30 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 30 metals samples, and 30 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This Appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved November 4, 2002 and resubmitted December 10, 2002);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses,* USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation,* USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table 1. Each sample subjected to evaluation is listed in Table 1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers have been used in this data evaluation.

J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at estimated concentrations less than the Practical Quantitation Limit (PQL).

U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table 1 for consistency with previous documents prepared for this investigation.

UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table 1 for consistency with previous documents prepared for this investigation.

R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	19	0	1	62	5	5	92
VOCs	0	0	0	26	2	3	31
SVOCs	0	0	0	26	2	2	30
PCDDs/PCDFs	4	0	0	22	2	2	30
Metals	0	0	0	26	2	2	30
Cyanide/Sulfide	19	1	2	7	1	0	30
Total	**42**	**1**	**3**	**169**	**14**	**14**	**243**

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier

II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 81% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for Relative Percent Difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

Initial calibration criterion for organic analyses requires that the average Relative Response Factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	30	J
	2-Butanone	15	J
	2-Chloroethylvinylether	3	J
	Acetonitrile	17	J
	Acrolein	30	J
	Acrylonitrile	6	J
	Isobutanol	30	J
	Propionitrile	30	J
SVOCs	4-Phenylenediamine	12	J
	Hexachlorophene	30	J

Continuing calibration criterion for organic analyses requires that the continuing calibration RRF have a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compound that exceeded continuing calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Continuing Calibration RRF Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Acetonitrile	6	J
	Bromomethane	6	J
	Chloroethane	2	J
SVOCs	4-Nitroquinoline-1-oxide	17	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument Response Factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detected compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detected sample results were qualified as estimated (J).

Initial calibration criterion requires that the percent relative standard deviation (%RSD) must be less than or equal to 30 percent. Sample data for detected and non-detected compounds with %RSD values greater than 30 percent were qualified as approximated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to %RSD Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2,4-Dinitrophenol	27	
	Hexachlorocyclopentadiene	3	

The continuing calibration criterion requires that the %D between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25% and for PCBs be less than 15%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	13	J
	Aroclor-1221	13	J
	Aroclor-1232	13	J
	Aroclor-1242	13	J
	Aroclor-1248	13	J
	Aroclor-1254	13	J
	Aroclor-1260	13	J
	Total PCBs	13	J
VOCs	1,2-Dibromo-3-chloropropane	4	J
	1,2-Dibromoethane	3	J
	1,4-Dioxane	6	J
	2-Butanone	15	J
	2-Chloroethylvinylether	13	J
VOCs	2-Hexanone	13	J
	3-Chloropropene	9	J
	4-Methyl-2-pentanone	10	J
	Acetone	16	J
	Acrolein	16	J
	Bromomethane	1	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Carbon Tetrachloride	2	J
	Chloroethane	10	J
	Isobutanol	15	J
SVOCs	Methacrylonitrile	5	J
	Methyl Methacrylate	1	J
	Propionitrile	16	J
	trans-1,4-Dichloro-2-butene	6	J
	Vinyl Acetate	11	J
	1,3,5-Trinitrobenzene	18	J
	2,3,4,6-Tetrachlorophenol	12	J
	2,4-Dinitrophenol	2	J
	2,4-Dinitrotoluene	2	J
	2-Nitroaniline	2	J
	3-Nitroaniline	2	J
	4-Nitrophenol	2	J
	4-Phenylenediamine	1	J
	Aniline	2	J
	Benzidine	1	J
	bis(2-Chloroisopropyl)ether	10	J
	Hexachlorocyclopentadiene	2	J
	Hexachlorophene	19	J
	Hexachloropropene	17	J
	Isodrin	5	J
	Pentachloronitrobenzene	20	J

Contract Required Detection Limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% control limits, the affected samples with detected results at or near the PQL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	4	J
	Beryllium	1	J
Inorganics	Selenium	1	J
	Silver	1	J
	Thallium	28	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds (OCDD) and five times the blank concentration for all other

detected analytes. Detected sample results that were below the blank action level were qualified as "U." The analytes detected in the method blanks and which resulted in qualification of sample data are presented below.

Compounds Qualified Due to Blank Deviations

Analysis	Compound	Number of Affected Samples	Qualification
Inorganics	Beryllium	4	U
	Silver	1	U
	Tin	21	U
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	9	U
	1,2,3,4,6,7,8-HpCDF	4	U
	1,2,3,4,7,8,9-HpCDF	2	U
	1,2,3,4,7,8-HxCDD	1	U
	1,2,3,4,7,8-HxCDF	3	U
	1,2,3,6,7,8-HxCDD	2	U
	1,2,3,6,7,8-HxCDF	4	U
	1,2,3,7,8,9-HxCDD	2	U
	1,2,3,7,8,9-HxCDF	2	U
	1,2,3,7,8-PeCDF	2	U
	2,3,4,6,7,8-HxCDF	2	U
	2,3,4,7,8-PeCDF	7	U
	HpCDDs (total)	8	U
	HpCDFs (total)	6	U
	HxCDDs (total)	1	U
	HxCDFs (total)	6	U
	OCDD	12	U
	OCDF	2	U
	PeCDDs (total)	4	U
	PeCDFs (total)	9	U

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125% and organic compounds MS recoveries must be within the laboratory-generated QC acceptance limits specified on the MS reporting form. Inorganic sample results that exceeded these limits were qualified as estimated (J). Organic sample results that exceeded these limits and exhibited a recovery greater than 10 % were qualified as estimated (J). Organic sample results that exceeded these limits and exhibited a recovery less than 10 % were qualified as estimated (J). Analytes/compounds that did not meet MS recovery criteria and the samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
Inorganics	Cyanide	1	J
	Sulfide	4	J
	Antimony	5	J
PCBs	Aroclor-1260	1	J
	Total PCBs	1	J
VOCs	Toluene	1	J
	Trichloroethene	1	J

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
SVOCs	4-Nitrophenol	1	R

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35% for soil samples with analyte concentrations greater than five times the PQL. Detected sample results for analytes that exceeded these limits were qualified as estimated (J). The inorganic analytes that did not meet laboratory duplicate RPD criteria and the samples qualified due to those deviations are presented below.

Analytes Qualified Due to Laboratory Duplicate Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Barium	4	J
	Cobalt	4	J

MS sample analysis recovery criteria for organics require that the RPD between the MS and matrix spike duplicate (MSD) be less than the laboratory-generated QC acceptance limits specified on the MS reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented below.

Compounds Qualified Due to Matrix Spike RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
VOCs	Chlorobenzene	1	J
	Toluene	1	J
	Trichloroethene	1	J
	1,2,4-Trichlorobenzene	1	J
	1,4-Dichlorobenzene	1	J
SVOCs	Acenaphthene	2	J
	Pyrene	1	J

Internal standard compounds for VOCs analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. VOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. VOCs sample results for the associated compounds were qualified as rejected (R) when the internal standard recovery was less than 25%. Compounds associated with internal standards which exceeded the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,2,2-Tetrachloroethane	4	J
		1	R
	1,2,3-Trichloropropane	4	J
		1	R
	1,2-Dibromo-3-chloropropane	4	J
		1	R
	trans-1,4-Dichloro-2-butene	4	J
		1	R
	All other VOCs Compounds	1	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be with within the laboratory specified control limits. Sample data for compounds with associated surrogate recoveries that exceeded the surrogate recovery criteria and exhibited recoveries greater than 10 percent were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	All SVOCs base/neutral compounds.	1	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analyses. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated below.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	Four VOCs sample results were rejected due to internal standard recovery deviations.
SVOCs	99.9	One SVOCs sample results were rejected due to MS recovery deviations
PCBs	100	None
PCDDs/PCDFs	100	None

The data package completeness as determined from the Tier I data review was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.11% of the data required qualification for laboratory duplicate RPD deviations and 0.11% of the data required qualification MS/MSD RPD deviations. None of the data required qualification for ICP serial dilution deviations or field duplicate RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 5.3% of the data required qualification for calibration deviations, 0.49% required qualification for CRDL standard recoveries, 1.3% required qualification for CRDL standard recoveries, 0.98 required qualification for internal standard recoveries, and 0.25% required qualification for surrogate compound standard recoveries. None of the data required qualification for LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample

collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.9 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected SVOC sample data for these investigations include sample analyses results for one SVOC from sample location RAA6-D10 (6- to 15-feet) was due to zero percent recovery of matrix spike compounds. The matrix spike of these compounds was performed in duplicate. Similar results were obtained in both analyses of the matrix spikes demonstrating matrix interference. The rejected VOCs sample data from sample location RAA6-A11 (1- to 3-feet) were due to low percent recovery of internal standard compounds. The analysis of this sample was repeated confirming the low internal standard recoveries with similar results obtained from both analyses and demonstrating matrix interference. Re-sampling for these at these sampling locations is not recommended since subsequent reanalysis of these samples has proven matrix interference and the same analytical performance limitations for the analysis could occur again.

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

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
3A0P029	RAA6-A14 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-B16 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-C16 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier I	No						
3A0P063	RAA6-B17 (0 - 1)	1/3/2003	Soil	Tier I	No						
3A0P063	RAA6-C14 (0 - 1)	1/3/2003	Soil	Tier I	No						
3A0P123	RAA6-B15 (0 - 1)	1/7/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	21.3%	<15%	ND(0.039) J	
						Aroclor-1221	CCAL %D	21.3%	<15%	ND(0.039) J	
						Aroclor-1232	CCAL %D	21.3%	<15%	ND(0.039) J	
						Aroclor-1242	CCAL %D	21.3%	<15%	ND(0.039) J	
						Aroclor-1248	CCAL %D	21.3%	<15%	ND(0.039) J	
						Aroclor-1254	CCAL %D	21.3%	<15%	0.14 J	
						Aroclor-1260	CCAL %D	21.3%	<15%	0.069 J	
						Total PCBs	CCAL %D	21.3%	<15%	0.209 J	
3A0P123	RAA6-C15 (0 - 1)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-C15 (1 - 3)	1/7/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1221	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1232	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1242	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1248	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1254	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1260	CCAL %D	21.3%	<15%	ND(0.040) J	
						Total PCBs	CCAL %D	21.3%	<15%	ND(0.040) J	
3A0P123	RAA6-C15 (3 - 6)	1/7/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1221	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1232	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1242	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1248	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1254	CCAL %D	21.3%	<15%	ND(0.037) J	
						Aroclor-1260	CCAL %D	21.3%	<15%	ND(0.037) J	
						Total PCBs	CCAL %D	21.3%	<15%	ND(0.037) J	
3A0P123	RAA6-C15 (6 - 15)	1/7/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1221	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1232	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1242	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1248	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1254	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1260	CCAL %D	21.3%	<15%	ND(0.040) J	
						Total PCBs	CCAL %D	21.3%	<15%	ND(0.040) J	
3A0P123	RAA6-C17 (1 - 3)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-C17 (3 - 6)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-C17 (6 - 12)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-D17 (0 - 1)	1/7/2003	Soil	Tier II	No						
3A0P123	RAA6-DUP-2 (1 - 3)	1/7/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	21.3%	<15%	ND(0.040) J	RAA6-C15
						Aroclor-1221	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1232	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1242	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1248	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1254	CCAL %D	21.3%	<15%	ND(0.040) J	
						Aroclor-1260	CCAL %D	21.3%	<15%	ND(0.040) J	
						Total PCBs	CCAL %D	21.3%	<15%	ND(0.040) J	
3A0P123	RB-010703-1	1/7/2003	Soil	Tier II	No						
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A11 (3 - 6)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A11 (6 - 15)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A13 (0 - 1)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A13 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A13 (3 - 6)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A13 (6 - 15)	1/8/2003	Soil	Tier I	No						

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
3A0P156	RAA6-A15 (0 - 1)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A15 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A15 (3 - 6)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A15 (6 - 15)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A17 (0 - 1)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A17 (3 - 6)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A17 (6 - 15)	1/8/2003	Soil	Tier I	No						
3A0P156	RB-010803-1	1/8/2003	Soil	Tier I	No						
3A0P207	RAA6-B18 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C18 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C2 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C2 (1 - 6)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C2 (6 - 15)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C5 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C5 (1 - 6)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-C5 (6 - 15)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-D11 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.039) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	0.38 J	
						Total PCBs	CCAL %D	32.2%	<15%	0.38 J	
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.041) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	0.33 J	
						Total PCBs	CCAL %D	32.2%	<15%	0.33 J	
3A0P207	RAA6-D13 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	0.14 J	
						Total PCBs	CCAL %D	32.2%	<15%	0.14 J	
3A0P207	RAA6-D16 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-D18 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-D8 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-D9 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.036) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.036) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.036) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.036) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.036) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	0.38 J	
						Aroclor-1260	CCAL %D	32.2%	<15%	0.72 J	
						Total PCBs	CCAL %D	32.2%	<15%	1.1 J	
3A0P207	RAA6-DUP-3 (1 - 6)	1/9/2003	Soil	Tier II	No						RAA6-C5
3A0P207	RAA6-E1 (6 - 15)	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.038) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	0.14 J	
						Total PCBs	CCAL %D	32.2%	<15%	0.14 J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
3A0P207	RB-010903-1	1/9/2003	Soil	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Total PCBs	CCAL %D	32.2%	<15%	ND(0.000065) J	
3A0P237	RAA6-B7 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-B7 (1 - 6)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-B7 (6 - 15)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C4 (1 - 6)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C4 (6 - 15)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (1 - 6)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (6 - 15)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-DUP-4 (1 - 6)	1/10/2003	Soil	Tier II	No						RAA6-C4
3A0P237	RAA6-DUP-5 (6 - 15)	1/10/2003	Soil	Tier II	No						RAA6-C6
3A0P237	RB-011003-1	1/10/2003	Water	Tier II	Yes	Aroclor-1016	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1221	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1232	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1242	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1248	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1254	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Aroclor-1260	CCAL %D	32.2%	<15%	ND(0.000065) J	
						Total PCBs	CCAL %D	32.2%	<15%	ND(0.000065) J	
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D10 (1 - 3)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D10 (3 - 6)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D10 (6 - 15)	1/13/2003	Soil	Tier II	Yes	Aroclor-1260	MS %R	232.0%	50% to 130 %	0.83 J	
						Aroclor-1260	MSD %R	287.0%	50% to 130 %	0.83 J	
						Total PCBs	MS %R	232.0%	50% to 130 %	0.83 J	
						Total PCBs	MSD %R	287.0%	50% to 130 %	0.83 J	
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D7 (3 - 6)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-D7 (6 - 15)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-E6 (0 - 1)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-E6 (1 - 6)	1/13/2003	Soil	Tier II	No						
3A0P258	RAA6-E6 (6 - 15)	1/13/2003	Soil	Tier II	No						
3A0P258	RB-011303-1	1/13/2003	Soil	Tier II	No						
3A0P278	RAA6-DUP-6 (1 - 6)	1/14/2003	Soil	Tier II	No						RAA6-E5
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E3 (1 - 6)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E3 (6 - 15)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E5 (0 - 1)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E5 (1 - 6)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E5 (6 - 15)	1/14/2003	Soil	Tier II	No						
3A0P278	RB-011403-1	1/14/2003	Water	Tier II	Yes	Aroclor-1016	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1221	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1232	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1242	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1248	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1254	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Aroclor-1260	CCAL %D	29.7%	<15%	ND(0.000065) J	
						Total PCBs	CCAL %D	29.7%	<15%	ND(0.000065) J	
3A0P309	RAA6-C3 (6 - 15)	1/15/2003	Soil	Tier II	No						
3A0P309	RAA6-E2 (0 - 1)	1/15/2003	Soil	Tier II	No						
3A0P309	RAA6-E2 (1 - 6)	1/15/2003	Soil	Tier II	No						
3A0P309	RAA6-E2 (6 - 15)	1/15/2003	Soil	Tier II	No						
3A0P309	RAA6-E4 (6 - 15)	1/15/2003	Soil	Tier II	No						

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals											
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier II	Yes	Antimony	CRDL Standard %R	154.6%	80% to 120%	7.70 J	
						Beryllium	CRDL Standard %R	195.5%	80% to 120%	1.80 J	
						Selenium	CRDL Standard %R	190.2%	80% to 120%	2.00 J	
						Silver	Method Blank	-	-	ND(1.50)	
						Silver	CRDL Standard %R	138.4%	80% to 120%	ND(1.50) J	
						Thallium	CRDL Standard %R	195.4%	80% to 120%	2.00 J	
3A0P123	RAA6-B15 (6 - 15)	1/7/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	74.7%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P123	RAA6-C15 (3 - 6)	1/7/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	74.7%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	74.7%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P123	RAA6-DUP-1 (6 - 15)	1/7/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	74.7%	80% to 120%	ND(1.20) J	RAA6-B15
						Tin	Method Blank	-	-	ND(10.0)	
3A0P123	RB-010703-1	1/7/2003	Water	Tier II	Yes	Thallium	CRDL Standard %R	74.7%	80% to 120%	ND(0.0100) J	
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier II	Yes	Antimony	CRDL Standard %R	71.0%	80% to 120%	3.80 J	
						Thallium	CRDL Standard %R	73.7%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
3A0P156	RAA6-A15 (3 - 6)	1/8/2003	Soil	Tier II	Yes	Antimony	CRDL Standard %R	73.7%	80% to 120%	1.60 J	
						Thallium	CRDL Standard %R	73.7%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier II	Yes	Antimony	CRDL Standard %R	73.7%	80% to 120%	2.10 J	
						Thallium	CRDL Standard %R	73.7%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P207	RAA6-C2 (1 - 6)	1/9/2003	Soil	Tier II	Yes	Antimony	MS %R	62.7%	75% to 125%	ND(6.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P207	RAA6-C2 (6 - 15)	1/9/2003	Soil	Tier II	Yes	Antimony	MS %R	62.7%	75% to 125%	ND(6.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Antimony	MS %R	62.7%	75% to 125%	1.50 J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
3A0P207	RAA6-E1 (0 - 1)	1/9/2003	Soil	Tier II	Yes	Antimony	MS %R	62.7%	75% to 125%	ND(6.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P207	RAA6-E1 (6 - 15)	1/9/2003	Soil	Tier II	Yes	Antimony	MS %R	62.7%	75% to 125%	ND(6.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0) J	
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	71.7%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	71.7%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(11.0)	
3A0P237	RAA6-C6 (6 - 15)	1/10/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	71.7%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P237	RAA6-DUP-5 (6 - 15)	1/10/2003	Soil	Tier II	Yes	Thallium	CRDL Standard %R	71.7%	80% to 120%	ND(1.20) J	RAA6-C6
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier II	Yes	Barium	Laboratory Duplicate RPD (Soil)	189.1%	<35%	23.0 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	179.2%	<35%	10.0 J	
						Thallium	CRDL Standard %R	55.5%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P258	RAA6-D10 (6 - 15)	1/13/2003	Soil	Tier II	Yes	Barium	Laboratory Duplicate RPD (Soil)	189.1%	<35%	15.0 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	179.2%	<35%	6.60 J	
						Thallium	CRDL Standard %R	55.5%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier II	Yes	Barium	Laboratory Duplicate RPD (Soil)	189.1%	<35%	26.0 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	179.2%	<35%	6.60 J	
						Thallium	CRDL Standard %R	55.5%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier II	Yes	Barium	Laboratory Duplicate RPD (Soil)	189.1%	<35%	31.0 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	179.2%	<35%	9.50 J	
						Thallium	CRDL Standard %R	55.5%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
3A0P278	RAA6-D5 (0 - 1)	1/14/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	75.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P278	RAA6-D5 (1 - 6)	1/14/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	75.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	75.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P278	RAA6-E3 (1 - 6)	1/14/2003	Soil	Tier II	Yes	Beryllium	Method Blank	-	-	ND(0.50)	
						Thallium	CRDL Standard %R	75.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
3A0P278	RB-011403-1	1/14/2003	Water	Tier II	Yes	Thallium	CRDL Standard %R	75.2%	80% to 120%	ND(0.0100) J	
VOCs											
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	37.3%	<25%	ND(0.11) J	Use original analysis.
						2-Butanone	CCAL %D	157.4%	<25%	ND(0.011) J	
						Acetone	CCAL %D	179.7%	<25%	ND(0.023) J	
						Acrolein	CCAL %D	342.2%	<25%	ND(0.11) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0057) J	
						Isobutanol	CCAL %D	25.5%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	29.9%	<25%	ND(0.0057) J	
						Propionitrile	CCAL %D	49.6%	<25%	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	25.5%	<25%	ND(0.0057) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0057) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0057) J	
						Chloroethane	CCAL RRF	3.1%	>0.05	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.11) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.011) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.2%	50% to 200%	ND(0.0057) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.2%	50% to 200%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.2%	50% to 200%	ND(0.0057) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.2%	50% to 200%	ND(0.0057) J	
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	0.332	50% to 200%	ND(0.0058) J	Use original analysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	0.332	50% to 200%	ND(0.0058) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	0.332	50% to 200%	ND(0.0058) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	0.373	<25%	ND(0.12) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Butanone	CCAL %D	157.4%	<25%	ND(0.012) J	
						Acetone	CCAL %D	179.7%	<25%	ND(0.023) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	342.2%	<25%	ND(0.12) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0058) J	
						Chloroethane	CCAL RRF	0.031	>0.05	ND(0.0058) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Isobutanol	CCAL %D	25.5%	<25%	ND(0.12) J	
						Methacrylonitrile	CCAL %D	29.9%	<25%	ND(0.0058) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Propionitrile	CCAL %D	49.6%	<25%	ND(0.012) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	25.5%	<25%	ND(0.0058) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.2%	50% to 200%	ND(0.0058) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.0058) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.11) J	Use original analysis.
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.011) J	
						2-Butanone	CCAL %D	178.6%	<25%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	71.8%	<25%	ND(0.0055) J	
						2-Hexanone	CCAL %D	89.2%	<25%	ND(0.011) J	
						4-Methyl-2-pentanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetone	CCAL %D	169.1%	<25%	ND(0.022) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	982.3%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Isobutanol	CCAL %D	28.6%	<25%	ND(0.11) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.011) J	
						Propionitrile	CCAL %D	32.4%	<25%	ND(0.011) J	
3A0P123	RAA6-B15 (6 - 8)	1/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Butanone	CCAL %D	202.4%	<25%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	60.4%	<25%	ND(0.0059) J	
						2-Hexanone	CCAL %D	105.2%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	CCAL %D	46.4%	<25%	ND(0.012) J	
						Acetone	CCAL %D	180.2%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	986.0%	<25%	ND(0.12) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0059) J	
						Isobutanol	ICAL RRF	0.200	>0.05	ND(0.12) J	
						Isobutanol	CCAL %D	30.0%	<25%	ND(0.12) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Vinyl Acetate	CCAL %D	52.8%	<25%	ND(0.0059) J	
3A0P123	RAA6-C15 (4 - 6)	1/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.11) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.011) J	
						2-Butanone	CCAL %D	178.6%	<25%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	71.8%	<25%	ND(0.0056) J	
						2-Hexanone	CCAL %D	89.2%	<25%	ND(0.011) J	
						4-Methyl-2-pentanone	CCAL %D	36.2%	<25%	ND(0.011) J	
						Acetone	CCAL %D	169.0%	<25%	ND(0.022) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	982.3%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Isobutanol	CCAL %D	28.6%	<25%	ND(0.11) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.011) J	
						Propionitrile	CCAL %D	32.4%	<25%	ND(0.011) J	
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.11) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.011) J	
						2-Butanone	CCAL %D	178.6%	<25%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	71.8%	<25%	ND(0.0054) J	
						2-Hexanone	CCAL %D	89.2%	<25%	ND(0.011) J	
						4-Methyl-2-pentanone	CCAL %D	36.2%	<25%	ND(0.011) J	
						Acetone	CCAL %D	169.0%	<25%	ND(0.021) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	982.3%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Isobutanol	CCAL %D	28.6%	<25%	ND(0.11) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.011) J	
						Propionitrile	CCAL %D	32.4%	<25%	ND(0.011) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P123	RAA6-DUP-1 (6 - 8)	1/7/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	RAA6-B15
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Butanone	CCAL %D	178.6%	<25%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	71.8%	<25%	ND(0.0060) J	
						2-Hexanone	CCAL %D	89.2%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	CCAL %D	36.2%	<25%	ND(0.012) J	
						Acetone	CCAL %D	169.0%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	982.3%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Isobutanol	CCAL %D	28.6%	<25%	ND(0.12) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Propionitrile	CCAL %D	32.4%	<25%	ND(0.012) J	
3A0P123	RB-010703-1	1/7/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.043	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.049	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.023	>0.05	ND(0.0050) J	
						Carbon Tetrachloride	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(0.010) J	
3A0P123	Trip Blank	1/7/2003	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.043	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.049	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.023	>0.05	ND(0.0050) J	
						Carbon Tetrachloride	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(0.010) J	
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0060) J	Use reanalysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0060) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	30.8%	<25%	ND(0.0060) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0060) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						1,4-Dioxane	CCAL %D	28.6%	<25%	ND(0.12) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Butanone	CCAL %D	218.7%	<25%	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	57.6%	<25%	ND(0.0060) J	
						2-Hexanone	CCAL %D	68.0%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	CCAL %D	43.2%	<25%	ND(0.012) J	
						Acetone	CCAL %D	180.4%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	981.1%	<25%	ND(0.12) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0060) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.12) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(0.0060) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Propionitrile	CCAL %D	56.0%	<25%	ND(0.012) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0060) J	
						Vinyl Acetate	CCAL %D	57.4%	<25%	ND(0.0060) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	16.0%	50% to 200%	R	Use original analysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	16.0%	50% to 200%	R	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	16.0%	50% to 200%	R	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	16.0%	50% to 200%	R	
						1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.12) J	
						2-Butanone	CCAL %D	202.4%	<25%	ND(0.012) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Butanone	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.012) J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						2-Chloroethylvinylether	CCAL %D	60.4%	<25%	ND(0.0059) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						2-Hexanone	CCAL %D	105.0%	<25%	ND(0.012) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.012) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						4-Methyl-2-pentanone	CCAL %D	46.4%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.012) J	
						Acetone	CCAL %D	180.2%	<25%	ND(0.024) J	
						Acetone	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.12) J	
						Acrolein	CCAL %D	986.3%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.12) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Benzene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Bromomethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0059) J	
						Chloroethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Chloroform	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Chloromethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Iodomethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Isobutanol	CCAL %D	30.3%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Isobutanol	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.12) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Propionitrile	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.012) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Vinyl Acetate	CCAL %D	52.8%	<25%	ND(0.0059) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	46.0%	50% to 200%	ND(0.0059) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	36.1%	50% to 200%	ND(0.0059) J	
3A0P156	RAA6-A15 (3 - 5)	1/8/2003	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.6%	50% to 200%	ND(0.0057) J	Use reanalysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.6%	50% to 200%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	30.8%	<25%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.6%	50% to 200%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	28.6%	<25%	ND(0.11) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.011) J	
						2-Butanone	CCAL %D	218.7%	<25%	ND(0.011) J	
						2-Chloroethylvinylether	CCAL %D	57.6%	<25%	ND(0.0057) J	
						2-Hexanone	CCAL %D	68.0%	<25%	ND(0.011) J	
						4-Methyl-2-pentanone	CCAL %D	43.2%	<25%	ND(0.011) J	
						Acetone	CCAL %D	180.4%	<25%	ND(0.023) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	981.1%	<25%	ND(0.11) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.11) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(0.0057) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.011) J	
						Propionitrile	CCAL %D	56.0%	<25%	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.6%	50% to 200%	ND(0.0057) J	
						Vinyl Acetate	CCAL %D	57.4%	<25%	ND(0.0057) J	
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	30.8%	<25%	ND(0.0053) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.10) J	
						1,4-Dioxane	CCAL %D	28.6%	<25%	ND(0.10) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.010) J	
						2-Butanone	CCAL %D	218.7%	<25%	ND(0.010) J	
						2-Chloroethylvinylether	CCAL %D	57.6%	<25%	ND(0.0053) J	
						2-Hexanone	CCAL %D	68.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	43.2%	<25%	ND(0.010) J	
						Acetone	CCAL %D	180.4%	<25%	ND(0.021) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	981.1%	<25%	ND(0.10) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0053) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.10) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(0.0053) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.010) J	
						Propionitrile	CCAL %D	56.0%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	57.4%	<25%	ND(0.0053) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P207	RAA6-C2 (5 - 6)	1/9/2003	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	3.7%	<25%	ND(0.0058) J	
						1,4-Dioxane	CCAL %D	28.7%	<25%	ND(0.12) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						2-Butanone	CCAL %D	218.7%	<25%	ND(0.012) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	68.0%	<25%	ND(0.0058) J	
						2-Hexanone	CCAL %D	52.5%	<25%	ND(0.012) J	
						4-Methyl-2-pentanone	CCAL %D	43.1%	<25%	ND(0.012) J	
						Acetone	CCAL %D	180.4%	<25%	ND(0.023) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	981.1%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0058) J	
						Chloroethane	CCAL %D	26.4%	<25%	ND(0.0058) J	
						Isobutanol	CCAL %D	30.3%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0058) J	
						Propionitrile	CCAL %D	55.8%	<25%	ND(0.012) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Vinyl Acetate	CCAL %D	57.2%	<25%	ND(0.0058) J	
3A0P207	RAA6-C2 (8 - 10)	1/9/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						2-Butanone	CCAL %D	178.0%	<25%	ND(0.012) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	65.2%	<25%	ND(0.0059) J	
						2-Hexanone	CCAL %D	52.5%	<25%	ND(0.012) J	
						Acetone	CCAL %D	173.7%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	973.0%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0059) J	
						Chloroethane	CCAL %D	43.6%	<25%	ND(0.0059) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	41.6%	<25%	ND(0.012) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Vinyl Acetate	CCAL %D	73.4%	<25%	ND(0.0059) J	
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-E1 (0 - 1)	1/9/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	Use original analysis.
						2-Butanone	CCAL %D	178.0%	<25%	ND(0.012) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	65.2%	<25%	ND(0.0061) J	
						2-Hexanone	CCAL %D	52.5%	<25%	ND(0.012) J	
						Acetone	CCAL %D	173.7%	<25%	ND(0.024) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	973.0%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0061) J	
						Chloroethane	CCAL %D	43.6%	<25%	ND(0.0061) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	41.6%	<25%	ND(0.012) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Vinyl Acetate	CCAL %D	73.4%	<25%	ND(0.0061) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P207	RAA6-E1 (12 - 15)	1/9/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.12) J	
						2-Butanone	CCAL %D	178.0%	<25%	ND(0.012) J	
						2-Butanone	ICAL RRF	0.032	>0.05	ND(0.012) J	
						2-Chloroethylvinylether	CCAL %D	65.2%	<25%	ND(0.0058) J	
						2-Hexanone	CCAL %D	52.5%	<25%	ND(0.012) J	
						Acetone	CCAL %D	173.7%	<25%	ND(0.023) J	
						Acetone	CCAL %D	173.7%	<25%	ND(0.023) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	973.0%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Bromomethane	CCAL RRF	0.048	>0.05	ND(0.0058) J	
						Isobutanol	CCAL %D	30.4%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	41.6%	<25%	ND(0.012) J	
						Propionitrile	ICAL RRF	0.040	>0.05	ND(0.012) J	
						Vinyl Acetate	CCAL %D	73.4%	<25%	ND(0.0058) J	
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.006	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.011) J	
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	Yes	1,2-Dibromoethane	CCAL %D	26.8%	<25%	ND(3.5) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(140) J	
						3-Chloropropene	CCAL %D	68.0%	<25%	ND(7.0) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(70) J	
						Acrylonitrile	ICAL RRF	0.023	>0.05	ND(7.0) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(140) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(35) J	
						Propionitrile	CCAL %D	35.8%	<25%	ND(35) J	
3A0P237	RAA6-C6 (6 - 8)	1/10/2003	Soil	Tier II	Yes	1,2-Dibromoethane	CCAL %D	26.8%	<25%	ND(3.9) J	
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(150) J	
						3-Chloropropene	CCAL %D	68.0%	<25%	ND(7.7) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(77) J	
						Acrylonitrile	ICAL RRF	0.023	>0.05	ND(7.7) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(150) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(39) J	
						Propionitrile	CCAL %D	35.8%	<25%	ND(39) J	
3A0P237	RAA6-DUP-5 (6 - 8)	1/10/2003	Soil	Tier II	Yes	1,2-Dibromoethane	CCAL %D	26.8%	<25%	ND(3.6) J	RAA6-C6
						1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(150) J	
						3-Chloropropene	CCAL %D	68.0%	<25%	ND(7.3) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(73) J	
						Acrylonitrile	ICAL RRF	0.023	>0.05	ND(7.3) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(150) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(36) J	
						Propionitrile	CCAL %D	35.8%	<25%	ND(36) J	
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.006	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.011) J	
3A0P258	RAA6-D10 (6 - 8)	1/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.006	>0.05	ND(0.12) J	
						Chlorobenzene	MS/MSD RPD	30.0%	<13%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.012) J	
						Toluene	MS %R	72.0%	76% to 125%	ND(0.0058) J	
						Toluene	MS/MSD RPD	20.0%	<14%	ND(0.0058) J	
						Trichloroethene	MS/MSD RPD	47.0%	<13%	ND(0.0058) J	
						Trichloroethene	MSD %R	60.0%	75% to 130%	ND(0.0058) J	
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.006	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.012) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						3-Chloropropene	CCAL %D	34.8%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.006	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	32.4%	<25%	ND(0.11) J	
						Bromomethane	CCAL %D	38.0%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.011) J	
3A0P278	RAA6-D5 (0 - 1)	1/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						3-Chloropropene	CCAL %D	36.0%	<25%	ND(0.0056) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.6%	<25%	ND(0.0056) J	
3A0P278	RAA6-D5 (4 - 6)	1/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.10) J	
						3-Chloropropene	CCAL %D	36.0%	<25%	ND(0.0053) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.6%	<25%	ND(0.0053) J	
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.12) J	
						3-Chloropropene	CCAL %D	36.0%	<25%	ND(0.0059) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.012) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.6%	<25%	ND(0.0059) J	
3A0P278	RAA6-E3 (4 - 6)	1/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.010	>0.05	ND(0.11) J	
						3-Chloropropene	CCAL %D	36.0%	<25%	ND(0.0057) J	
						Acetonitrile	CCAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Propionitrile	ICAL RRF	0.047	>0.05	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	29.6%	<25%	ND(0.0057) J	
3A0P278	RB-011403-1	1/14/2003	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.039	>0.05	ND(0.0050) J	
						3-Chloropropene	CCAL %D	71.6%	<25%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.024	>0.05	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.007	>0.05	ND(0.010) J	
SVOCs											
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	49.6%	<25%	ND(2.1) J	
						2,4-Dinitrotoluene	CCAL %D	61.6%	<25%	ND(0.42) J	
						2-Nitroaniline	CCAL %D	53.1%	<25%	ND(2.1) J	
						3-Nitroaniline	CCAL %D	35.7%	<25%	ND(2.1) J	
						4-Nitrophenol	CCAL %D	26.5%	<25%	ND(2.1) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.76) J	
						Aniline	CCAL %D	28.9%	<25%	ND(0.42) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(0.42) J	
						Hexachlorocyclopentadiene	CCAL %D	53.4%	<25%	ND(0.42) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.83) J	
						Hexachlorophene	CCAL %D	241.2%	<25%	ND(0.83) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	49.6%	<25%	ND(2.0) J	
						2,4-Dinitrotoluene	CCAL %D	61.6%	<25%	ND(0.39) J	
						2-Nitroaniline	CCAL %D	53.1%	<25%	ND(2.0) J	
						3-Nitroaniline	CCAL %D	35.7%	<25%	ND(2.0) J	
						4-Nitrophenol	CCAL %D	26.5%	<25%	ND(2.0) J	
						Aniline	CCAL %D	28.9%	<25%	ND(0.39) J	
						Hexachlorocyclopentadiene	CCAL %D	53.4%	<25%	ND(0.39) J	
						Hexachlorophene	CCAL %D	241.2%	<25%	ND(0.78) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(0.39) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.78) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.3%	<25%	ND(1.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(1.0) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(1.0) J	
						4-Phenylenediamine	CCAL %D	28.1%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	38.3%	<25%	ND(2.1) J	
						Hexachlorocyclopentadiene	ICAL %RSD	59.4%	<30%	ND(1.0) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(2.1) J	
						Pentachloronitrobenzene	CCAL %D	30.5%	<25%	ND(1.0) J	
3A0P123	RAA6-B15 (6 - 15)	1/7/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	38.1%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.79) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.79) J	
						Hexachlorophene	CCAL %D	28.0%	<25%	ND(0.79) J	
						Isodrin	CCAL %D	28.4%	<25%	ND(0.39) J	
3A0P123	RAA6-C15 (3 - 6)	1/7/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	38.1%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.74) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.74) J	
						Hexachlorophene	CCAL %D	28.0%	<25%	ND(0.74) J	
						Isodrin	CCAL %D	28.4%	<25%	ND(0.37) J	
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	38.1%	<25%	ND(0.36) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.72) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.72) J	
						Hexachlorophene	CCAL %D	28.0%	<25%	ND(0.72) J	
						Isodrin	CCAL %D	28.4%	<25%	ND(0.36) J	
3A0P123	RAA6-DUP-1 (6 - 15)	1/7/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	38.1%	<25%	ND(0.40) J	RAA6-B15
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
						Hexachlorophene	CCAL %D	28.0%	<25%	ND(0.80) J	
						Isodrin	CCAL %D	28.4%	<25%	ND(0.40) J	
3A0P123	RB-010703-1	1/7/2003	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	38.1%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	28.0%	<25%	ND(0.020) J	
						Isodrin	CCAL %D	28.4%	<25%	ND(0.010) J	
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	53.4%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
						Hexachlorophene	CCAL %D	53.4%	<25%	ND(0.80) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	32.4%	<25%	ND(0.40) J	Use reanalysis.
						Hexachlorophene	CCAL %D	35.8%	<25%	ND(0.80) J	
						Pentachloronitrobenzene	CCAL %D	49.9%	<25%	ND(0.80) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
						1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	1.3 J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(2.0) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(2.0) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						7,12-Dimethylbenz(a)anthrace	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Acenaphthene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.42 J	
						Acenaphthylene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.29 J J	
						Acetophenone	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.15 J J	
						Aniline	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Anthracene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.21 J J	
						Aramite	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Benzidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.72 J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.22 J J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.86 J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.40 J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.39) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Chrysene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.77 J	
						Diallate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.088 J J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	1.0 J	
						Di-n-butylphthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Diphenylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Ethyl methanesulfonate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Fluoranthene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	3.4 J	
						Fluorene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.24 J J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	Hexachlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	0.34 J J	
						Isodrin	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Isophorone	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Isosafrole	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Methapyrilene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Naphthalene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	3.6 J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						o-Toluidine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Phenacetin	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.80) J	
						Phenanthrene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	2.5 J	
						Pronamide	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	Yes	Pyrene	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	2.4 J	
						Pyridine	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Safrole	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
						Thionazin	Surrogate Recovery Base-neutral	15.0%, 22.0%, 10.0%	30% to 115%, 25% to 122%, 18% to 137%	ND(0.40) J	
3A0P156	RAA6-A15 (3 - 6)	1/8/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	53.4%	<25%	ND(0.38) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.76) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.76) J	
						Hexachlorophene	CCAL %D	53.4%	<25%	ND(0.76) J	
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	53.4%	<25%	ND(0.35) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.037	>0.05	ND(0.71) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.71) J	
						Hexachlorophene	CCAL %D	53.4%	<25%	ND(0.71) J	
3A0P207	RAA6-C2 (1 - 6)	1/9/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.78) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.78) J	
3A0P207	RAA6-C2 (6 - 15)	1/9/2003	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS/MSD RPD	38.0%	<20%	ND(0.38) J	
						1,4-Dichlorobenzene	MS/MSD RPD	42.0%	<20%	ND(0.38) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.77) J	
						Acenaphthene	MS/MSD RPD	44.0%	<20%	ND(0.38) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.77) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.77) J	
						Pyrene	MS/MSD RPD	38.0%	<20%	ND(0.38) J	
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.82) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.41) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.82) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.82) J	
3A0P207	RAA6-E1 (0 - 1)	1/9/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(3.3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.82) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(1.3) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.65) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.3) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.82) J	
3A0P207	RAA6-E1 (6 - 15)	1/9/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.77) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.77) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.77) J	
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.74) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.74) J	
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.75) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	41.0%	<25%	ND(0.75) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P237	RAA6-C6 (6 - 15)	1/10/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.40) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.80) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.40) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.40) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.80) J	
3A0P237	RAA6-DUP-5 (6 - 15)	1/10/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.39) J	RAA6-C6
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.78) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.39) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
						Hexachloropropene	CCAL %D	27.5%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.78) J	
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.37) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.74) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.74) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.74) J	
3A0P258	RAA6-D10 (6 - 15)	1/13/2003	Soil	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	27.9%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitrophenol	MS %R	0.0%	11% to 114%	R	
						4-Nitrophenol	MSD %R	0.0%	11% to 114%	R	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.78) J	
						Acenaphthene	MS/MSD RPD	27.0%	<19%	ND(0.39) J	
						Hexachlorophene	CCAL %D	27.1%	<25%	ND(0.78) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
						Pentachloronitrobenzene	CCAL %D	45.0%	<25%	ND(0.78) J	
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.39) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.78) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.39) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.78) J	
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.38) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.38) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.76) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.38) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.76) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.38) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.76) J	
3A0P278	RAA6-D5 (0 - 1)	1/14/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.37) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.75) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.75) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.75) J	

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
3A0P278	RAA6-D5 (1 - 6)	1/14/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.37) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.75) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.75) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.75) J	
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.39) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.78) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.39) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.78) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.39) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.78) J	
3A0P278	RAA6-E3 (1 - 6)	1/14/2003	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	40.0%	<25%	ND(0.37) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.4%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.74) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.74) J	
						Hexachloropropene	CCAL %D	29.9%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	55.3%	<25%	ND(0.74) J	
3A0P278	RB-011403-1	1/14/2003	Water	Tier II	Yes	2,3,4,6-Tetrachlorophenol	CCAL %D	27.9%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	ICAL %RSD	32.2%	<30%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.6%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
						Hexachloropropene	CCAL %D	27.1%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	45.0%	<25%	ND(0.010) J	
PCDDs/PCDFs											
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier II	No						
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier II	No						
3A0P123	RAA6-B15 (6 - 15)	1/7/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000010)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000010)	
						OCDD	Method Blank	-	-	ND(0.0000024)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000010)	
3A0P123	RAA6-C15 (3 - 6)	1/7/2003	Soil	Tier II	Yes	2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.000000073)	
						OCDD	Method Blank	-	-	ND(0.0000012)	
						PeCDFs (total)	Method Blank	-	-	ND(0.000000073)	
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.0000011)	
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.0000010)	
						OCDD	Method Blank	-	-	ND(0.000014)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000067)	
3A0P123	RAA6-DUP-1 (6 - 15)	1/7/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000064)	RAA6-B15
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.00000036)	
						1,2,3,4,7,8-HxCDD	Method Blank	-	-	ND(0.00000042)	
						1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.00000044)	
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.00000042)	
						1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.00000032)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000042)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000083)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000074)	
						OCDD	Method Blank	-	-	ND(0.0000023)	
						OCDF	Method Blank	-	-	ND(0.00000074)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000012)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000083)	
3A0P123	RB-010703-1	1/7/2003	Water	Tier II	No						
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier II	No						
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier II	No						

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
3A0P156	RAA6-A15 (3 - 6)	1/8/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000089)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000028)	
						1,2,3,4,7,8-HxCDF	Method Blank	-	-	ND(0.00000024)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000021)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000030)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000014)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000028)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000073)	
						OCDD	Method Blank	-	-	ND(0.0000033)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000081)	
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier II	No						
3A0P207	RAA6-C2 (1 - 6)	1/9/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.000011)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.0000024)	
						HxCDDs (total)	Method Blank	-	-	ND(0.0000015)	
						OCDD	Method Blank	-	-	ND(0.000056)	
3A0P207	RAA6-C2 (6 - 15)	1/9/2003	Soil	Tier II	Yes	1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000025)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000019)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000025)	
						OCDD	Method Blank	-	-	ND(0.0000032)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000042)	
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P207	RAA6-E1 (0 - 1)	1/9/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.00000069)	
3A0P207	RAA6-E1 (6 - 15)	1/9/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000072)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.00000037)	
						1,2,3,4,7,8-HxCDF	Method Blank	-	-	ND(0.00000026)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000016)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000024)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000012)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000078)	
						HxCDFs (total)	Method Blank	-	-	ND(0.0000011)	
						OCDD	Method Blank	-	-	ND(0.0000053)	
						PeCDFs (total)	Method Blank	-	-	ND(0.0000013)	
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000033)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000031)	
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.0000010)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000051)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000056)	
						HxCDFs (total)	Method Blank	-	-	ND(0.000013)	
						OCDD	Method Blank	-	-	ND(0.000015)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000077)	
3A0P237	RAA6-C6 (6 - 15)	1/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000018)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000027)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000010)	
						OCDF	Method Blank	-	-	ND(0.0000016)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000014)	
3A0P237	RAA6-DUP-5 (6 - 15)	1/10/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000036)	RAA6-C6
						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000018)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000057)	
						1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.00000061)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000092)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000053)	
						HpCDFs (total)	Method Blank	-	-	ND(0.0000018)	
						HxCDFs (total)	Method Blank	-	-	ND(0.0000015)	
						OCDD	Method Blank	-	-	ND(0.000019)	
						PeCDFs (total)	Method Blank	-	-	ND(0.0000015)	
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier I	No						
3A0P258	RAA6-D10 (6 - 15)	1/13/2003	Soil	Tier I	No						
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier I	No						
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier I	No						

TABLE C-1
EAST AREA 1-NORTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
3A0P278	RAA6-D5 (0 - 1)	1/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.000011)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000019)	
						HpCDDs (total)	Method Blank	-	-	ND(0.000020)	
						OCDD	Method Blank	-	-	ND(0.000060)	
						PeCDDs (total)	Method Blank	-	-	ND(0.0000028)	
3A0P278	RAA6-D5 (1 - 6)	1/14/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000052)	
						1,2,3,4,7,8-HxCDF	Method Blank	-	-	ND(0.0000029)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000097)	
						HxCDFs (total)	Method Blank	-	-	ND(0.0000077)	
						OCDD	Method Blank	-	-	ND(0.000032)	
						PeCDFs (total)	Method Blank	-	-	ND(0.0000014)	
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier II	No						
3A0P278	RAA6-E3 (1 - 6)	1/14/2003	Soil	Tier II	No						
3A0P278	RB-011403-1	1/14/2003	Water	Tier II	No						
Sulfide and Cyanide											
3A0P029	RAA6-A16 (0 - 1)	1/2/2003	Soil	Tier I	No						
3A0P029	RAA6-C17 (0 - 1)	1/2/2003	Soil	Tier I	No						
3A0P063	RAA6-B14 (0 - 1)	1/3/2003	Soil	Tier I	No						
3A0P123	RAA6-B15 (6 - 15)	1/7/2003	Soil	Tier I	No						
3A0P123	RAA6-C15 (3 - 6)	1/7/2003	Soil	Tier I	No						
3A0P123	RAA6-D14 (0 - 1)	1/7/2003	Soil	Tier I	No						
3A0P123	RAA6-DUP-1 (6 - 15)	1/7/2003	Soil	Tier I	No						RAA6-B15
3A0P123	RB-010703-1	1/7/2003	Soil	Tier I	No						
3A0P156	RAA6-A11 (0 - 1)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A11 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A15 (3 - 6)	1/8/2003	Soil	Tier I	No						
3A0P156	RAA6-A17 (1 - 3)	1/8/2003	Soil	Tier I	No						
3A0P207	RAA6-C2 (1 - 6)	1/9/2003	Soil	Tier I	No						
3A0P207	RAA6-C2 (6 - 15)	1/9/2003	Soil	Tier I	No						
3A0P207	RAA6-D12 (0 - 1)	1/9/2003	Soil	Tier I	No						
3A0P207	RAA6-E1 (0 - 1)	1/9/2003	Soil	Tier I	No						
3A0P207	RAA6-E1 (6 - 15)	1/9/2003	Soil	Tier I	No						
3A0P237	RAA6-C4 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (0 - 1)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-C6 (6 - 15)	1/10/2003	Soil	Tier II	No						
3A0P237	RAA6-DUP-5 (6 - 15)	1/10/2003	Soil	Tier II	No						RAA6-C6
3A0P258	RAA6-D10 (0 - 1)	1/13/2003	Soil	Tier II	Yes	Sulfide	MS %R	61.0%	75% to 125%	26.0 J	
3A0P258	RAA6-D10 (6 - 15)	1/13/2003	Soil	Tier II	Yes	Sulfide	MS %R	61.0%	75% to 125%	37.0 J	
3A0P258	RAA6-D7 (0 - 1)	1/13/2003	Soil	Tier II	Yes	Cyanide	MS %R	185.0%	75% to 125%	0.200 J	
						Sulfide	MS %R	61.0%	75% to 125%	22.0 J	
3A0P258	RAA6-D7 (1 - 3)	1/13/2003	Soil	Tier II	Yes	Sulfide	MS %R	61.0%	75% to 125%	24.0 J	
3A0P278	RAA6-D5 (0 - 1)	1/14/2003	Soil	Tier I	No						
3A0P278	RAA6-D5 (1 - 6)	1/14/2003	Soil	Tier I	No						
3A0P278	RAA6-E3 (0 - 1)	1/14/2003	Soil	Tier I	No						
3A0P278	RAA6-E3 (1 - 6)	1/14/2003	Soil	Tier I	No						
3A0P278	RB-011403-1	1/14/2003	Soil	Tier I	No						